Operation, Monitoring, and Maintenance Annual Report

January 1, 2023 – December 31, 2023
Madison-Kipp Corporation Groundwater, Soil Vapor, and Treatment Systems

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1.0 Introduction

TRC Environmental Corp. (TRC), on behalf of Madison-Kipp Corp. (MKC), is reporting on the operation, monitoring, and maintenance (OM&M) of the groundwater and soil vapor extraction treatment system operations at MKC's facility at 201 Waubesa Street, Madison, Wisconsin (Site). In addition, this report includes documentation related to cap maintenance activities at the Site.

1.1 Site Description

The Site is located in the southwest quarter of Section 5, Township 7 North, Range 10 East in Dane County, Wisconsin. The Site Location Map is shown on Figure 1. The Site is approximately 7.5 acres in area, with a 130,000 square foot building occupying much of the Site. The building has a basement and a second floor over part of the footprint. There is a second 6,000 square foot building in the northeast corner of the property, housing the Groundwater Extraction Treatment System (GETS) and storage. The remainder of the Site is predominately paved with asphalt for driveways and parking lots. The Site is zoned M-1 (industrial/manufacturing) and is currently operated as a metal die casting facility.

The Site is surrounded by a mix of commercial, industrial, and residential land use. The Site is bounded by the Capital City Bike Trail to the north, residences to the east along Marquette Street, Atwood Avenue to the south, and residences/Waubesa Street to the west. The Goodman Community Center is located to the north across the Capital City Bike Trail. Residences are located adjacent to the Site on the east and west sides. Commercial properties are located to the south across Atwood Avenue.

The Site is located on the northeastern end of the Madison Isthmus, which is a strip of land separating Lake Mendota and Lake Monona. The Site is approximately 1,500 feet north of Lake Monona and approximately 6,800 feet east of Lake Mendota. The topography of the Site is flat, with an elevation ranging from approximately 870 to 880 feet above mean sea level. The Site and surrounding areas are serviced by municipal water supply and sewer systems.

1.2 Site Background

Environmental investigation and remediation activities have been on-going at the Site since 1994. Investigation activities included defining the extent of tetrachloroethene (PCE) and, beginning in 2012, polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs) and Resource Conservation and Recovery Act metals (RCRA Metals). A complete summary of the project background, including the on-site and off-site investigations is included in the 2015 Annual Report submitted to the Wisconsin Department of Natural Resources (WDNR) on April 12, 2016 by Arcadis U.S., Inc. (Arcadis, 2016) and in previous reports referenced therein.

A Soil Vapor Extraction (SVE) system began continuous operation at the Site in May 2013 and operated continuously until October 2018, when the system was shut down based on WDNR approval for additional sampling of Site soil gas without the system operating. The SVE system has remained off since the 2018 and a summary of the shutdown and soil gas monitoring completed was included in the Soil Vapor Extraction System Shut Down and Soil Gas Analytical Results discussion letter submitted to the WDNR on February 8, 2019 (TRC, 2019). Subsequent soil gas sampling was conducted in July and October of 2019 and a summary of the results was included in the January 1, 2019 – December 31, 2019 Madison-Kipp Corporation Groundwater, Soil Vapor, and Treatments Systems Report (TRC, 2020).

The Site's active remediation system is a Groundwater Extraction and Treatment System (GETS) designed to treat dissolved volatile organic compounds (VOCs), primarily PCE. The GETS start-up testing was completed from July 2015 through December 2015. The GETS has operated full-time since January 2016. The on-going operation, maintenance, and monitoring of the GETS are discussed in this report.

There is on-going monitoring for potential PCB-impacts to the rain garden located immediately north of the Site. The rain garden serves as a storm water retention area downstream of the Site. The on-going monitoring of the rain garden is discussed in this report.

Much of the building footprint and paved parking lots/driveways serves as a cap. Occasionally MKC conducts maintenance and/or makes improvements to the cap as a result of business operations. Maintenance conducted within the footprint of the cap is documented in this report.

1.3 Record Keeping and Reporting Requirements

MKC completes cap maintenance inspections for their property at 201 Waubesa Street. All interior and exterior cap inspections were completed annual and documentation can be provided upon request.

As of December 31, 2023, MKC is current on the financial agreements per the November 22, 2017 Stipulation and Order for Judgement and Coordinated Approval with the United States Environmental Protection Agency. Further details can be provided upon request.

1.4 Summary of BRRTS Sites

This report includes updates on OM&M, monitoring, and cap maintenance activities for the following BRRTS Sites, all located at the Site.

- 02-13-558625 Madison Kipp Corp – Open ERP site encompassing VOC contamination in groundwater
- 02-13-562649 Madison Kipp Rain Garden – Open ERP site encompassing PCB contamination on MKC-leased property north of the Site
- 02-13-578014 Madison Kipp PCB Beneath Mfg Bldg – Open ERP site encompassing PCB contamination in soil beneath the MKC manufacturing building
- 02-13-578015 Madison Kipp Soil Vapor Remediation – Open ERP site encompassing VOC contamination in soil gas/vapor

1.5 Purpose and Scope

On-going OM&M activities are completed to monitor the status of groundwater conditions at the Site and to ensure the treatment systems are operating as designed and in compliance with regulatory standards. 2023 OM&M activities included: GETS operation and monthly Discharge Monitoring Reports, semi-annual Site groundwater monitoring, semi-annual sediment and stormwater monitoring for the rain garden, and documentation of cap modifications completed at the facility. The purpose of this Annual Report is to provide documentation of OM&M activities performed during January 1 through December 31, 2023.

This Annual Report describes:

- GETS OM&M,
- SVE OM&M,
- Groundwater Monitoring,
- Site Soil Gas Monitoring,
- Rain Garden Sediment and Stormwater Monitoring,
- Facility Cap Maintenance Work, and
- Conclusions and Recommendations.

2.0 GETS OM&M

MKC is operating a GETS system for extraction and treatment of PCE-impacted groundwater. The system was installed in 2015 and is described in detail in Groundwater Extraction and Treatment System (GETS) Construction Documentation Report (Arcadis, 2015b).

2.1 System Operation

The GETS operated in 2023 but the flow rate and operational periods varied due to maintenance issues as described below. The GETS system flow rate required periodic adjustment due to performance issues with transfer pumps P-103, P-200, and P-100 and potential clogging of process lines. A summary of system operation is summarized in Table 1. The GETS system was occasionally shut down for routine maintenance and to conduct repairs as needed. During this reporting period the following GETS repairs and maintenance tasks were completed:

- Transfer pump P-103 encountered operational issues in January 2023. The pump was repaired in February, and adjustments were made throughout the month of March.
- In July 2023, performance issues (high system pressure) with transfer pump P-200 were observed.
- Between August and October 2023, P-100 was not operational. The pump was replaced on October 5, 2023, and P-100 has not had further issues.
- In November and December 2023, multiple air stripper high level alarms shut down the GETS for short periods of time due to operational performance issues with transfer pump P-200. The GETS flow rate was adjusted from 40 GPM to 38 GPM to allow for continuous system operation while further system evaluation could be completed.
- The air stripper was shut down for cleaning in February, April, July, September, and December.

The extraction and transfer pumps for the GETS have variable speed frequency drives that fluctuate flow rate based on liquid levels in the equalization and mixing tank along with the air stripper liquid level. At times the flow will fluctuate above and below the design rate over a few days' time; however, the overall weekly to monthly flow rate is generally consistent.

The location of the extraction well (GWE-1) for the GETS is identified on Figure 2. TRC personnel complete weekly monitoring of the GETS and an operations summary table is included in Table 1.

A total of approximately 14,643,941 gallons of groundwater were treated between January 1, 2023 and December 31, 2023. During the 2023 calendar year, approximately 151 pounds of VOCs were removed. From the start of the system operation through the end of December 2023, approximately 1,930 pounds of VOCs have been removed through operation of the GETS. A trend plot depicting the cumulative VOCs removed over time since the start-up of the GETS system is included in Trend Plot A.1 of Appendix A. In addition, the trend plot showing PCE concentration verses time for the groundwater extraction well (GWE-1) is included in Trend Plot A.2 of Appendix A. Additional system operation information is attached in the Remediation Site Operation, Maintenance, Monitoring, and Optimization Report Form 4400-194 in Appendix B.

2.2 Monthly Discharge Monitoring Reports

MKC completes monthly performance monitoring and submits monthly Discharge Monitoring Reports (DMRs) required for the system operation and discharge permit (Wisconsin Pollution Discharge Elimination System (WPDES) Permit number WI-0046566-6).

For 2023 performance monitoring and permit compliance, TRC on behalf of MKC collected samples of the extracted groundwater when possible (GETS influent) and treated groundwater (GETS effluent) on a quarterly basis. Table 2 provides the influent and effluent laboratory analytical results for the 2023 reporting period. The 2023 sampling frequency and monitoring parameters collected were completed as approved by the WDNR in December 2018. Parameters included daily monitoring of flow; monthly visual monitoring for permanganate neutralization (neutralization chemical addition was eliminated in March 2021, but visual monitoring is still conducted); quarterly monitoring of select volatile organic compounds (VOCs) and polycyclic aromatic hydrocarbons (PAHs); and monitoring of total suspended solids after system cleaning events.

The DMRs for January through December 2023 were submitted electronically to the WDNR through the Web Access Management System Switchboard. Laboratory analytical reports for samples collected between January and June 2023 were included in the Operations, Monitoring, and Maintenance Semi-Annual Report for the period January 1, 2023 – June 30, 2023 Submittal (TRC, 2023). A copy of the last submittal from the December 2023 monitoring event and laboratory reports for samples collected between July and December 2023 are included in Appendix C.

2.3 Semi-Annual Vapor Sampling

The GETS produces gases which are treated with granular activated carbon (GAC) for removal of vapor-phase VOCs. The GAC influent gas and GAC effluent gas are sampled semi-annually for performance and compliance monitoring. The 2023 results are representative of gases from the GETS only as the SVE system was shut down in October 2018. GAC influent and effluent gas results are included in Table 3 and the laboratory analytical reports for 2023 are included in Appendix D. An emission rate was calculated based on the effluent analytical results and system flow rate, and results were compared to NR 445 and NR 406. No regulatory standards for effluent emissions from the system were exceeded. Table 4 includes a summary of the emission rates for total VOCs for the 2023 calendar year.

TRC continues to assess the influent and effluent concentrations of VOCs to evaluate the GAC component of the treatment system. The 2023 evaluation concluded that the activated carbon is continues to approach the end of its life as PCE continues to be reduced but breakdown products (e.g. TCE, cis-1,2-DCE, and VC) are not being reduced as effectively, although they still remain below applicable standards. Loading rates for total VOCs, PCE, TCE, cis-1,2-DCE, and VC were calculated based on the influent results (pre-carbon treatment). With the GETS in operation, the pre-carbon treatment gas concentrations for VOCs, PCE, TCE, cis-1,2-DCE, and VC are below the established NR 445 and NR 406 regulatory standards. A summary of these calculations can be provided upon request.

3.0 SVE OM&M

MKC previously operated an SVE system for extraction and treatment of shallow soil vapor on the east-northeast portion of the Site. The system began long term operation in May 2013 and continued operation through October 2018. On October 25, 2018, the SVE system was shut down, as approved by the WDNR, to review its continued effectiveness at contaminant mass reduction for the Site. A summary of the shutdown and soil gas monitoring completed was included in the Soil Vapor Extraction System Shut Down and Soil Gas Analytical Results discussion letter submitted to the WDNR on February 8, 2019 (TRC, 2019). Subsequent soil gas sampling was conducted in July and October of 2019 and a summary of the results was included in the January 1, 2019 – December 31, 2019 Madison-Kipp Corporation Groundwater, Soil Vapor, and Treatments Systems Report (TRC, 2020). The SVE system remained off during the 2023 calendar year.

4.0 Groundwater Monitoring

The 2023 groundwater monitoring program at the Site, which included water level gauging and sampling, was conducted as summarized in Table 5.

The Site includes 39 monitoring wells, 4 multi-port wells, and one operational extraction well (GWE-1). The wells are installed in unconsolidated units and/or bedrock and their locations are shown on Figure 2. The Site's near-surface geology consists of two unconsolidated units consisting of fill material and glacially-derived deposits, which overlie sandstone bedrock of the Lone Rock and Wonewoc Formations. The Wonewoc sandstone is underlain by siltstone of the Eau Claire Formation, which serves as a regional aquitard. Further information on the site geology is included in the 2014 Annual Report (Arcadis, 2015a) and in previous reports referenced therein.

4.1 Groundwater Flow Conditions

Water levels at 39 Site monitoring wells and 20 multi-port well intervals were gauged on October 9, 2023. The groundwater elevations are summarized in Table 6, and the October 2023 water table map and potentiometric surface maps are shown on Figures 3 through 7. Overall, the groundwater elevations and the direction of groundwater flow in October 2023 are generally consistent with historical observations. Groundwater flow at the water table converges toward the site from the north, south, and west (Figure 3). Groundwater flow in the Upper Lone Rock formation is generally converging toward the north end of the site (Figure 4) and may be influenced by pumping from the extraction well (GWE-1). The extraction well has a local influence on flow within the Lower Lone Rock, Upper Wonewoc, and Lower Wonewoc formations, causing flow to generally converge toward the extraction well (Figures 5 through 7).

4.2 Monitoring Well Network and Sampling Program

Groundwater sampling was conducted in wells within the unconsolidated units, Lone Rock formation, and the Wonewoc formation for geochemical field parameters and laboratory analysis for VOCs. Monitoring wells were sampled to evaluate the effectiveness of the GETS operation—which was installed to remove VOCs from the groundwater and provide hydraulic containment to minimize off-site migration—and to evaluate the overall site-wide water quality. A summary of the wells monitored during the April and October 2023 sampling events is included in Table 5.

In addition, two of the site wells were monitored for polychlorinated biphenyls (PCBs), total suspended solids (TSS), total dissolved solids (TDS), and geochemical field parameters in April 2023. Selected wells were based on the November 22, 2017, Stipulation and Order for Judgement with the Wisconsin Department of Justice, coordination with the United States Environmental Protection Agency, the Conditional Approval of Groundwater Monitoring Plan for PCBs dated January 6, 2023 from WDNR, and correspondence on behalf of MKC to the Wisconsin Department of Justice dated April 12, 2023. Consistent with the 2023 revisions, the PCB sampling program will be reviewed again after the April 2027 sampling event. The wells sampled for PCBs are located in the Upper Lone Rock unit/formation and a summary of wells sampled for PCBs is included in Table 5.

4.3 Site Groundwater Monitoring

The results from the 2023 groundwater sampling events are included in Table 7, and the laboratory analytical reports for the April and October 2023 monitoring events are included in Appendix E. A historical summary table containing groundwater analytical results to date is also included in Appendix E.

Multiple NR 140 preventative action limit (PAL) and enforcement standard (ES) exceedances for VOCs were reported for the April and October 2023 sampling events. The overall concentration of PCE over time was reviewed for each Site well sampled during 2023, and a brief description for each unit/formation is included in Section 4.4 below. As required of the WDNR Remediation Site Operation Maintenance, Monitoring & Optimization Report Form 4400-194, Appendix A includes a trend plot (A.3) showing PCE concentrations over time for monitoring well MW-5D2 which contained the highest concentration of PCE during the October 2023 monitoring event.

Isoconcentration maps for PCE for the Water Table (Unconsolidated), Upper Lone Rock, Lower Lone Rock, Upper Wonewoc, and Lower Wonewoc are shown in Figures 8 through 12, respectively. The contours are based on the October 2023 monitoring event.

Figure 13 includes two cross-sections (A-A' and B-B') displaying the vertical PCE concentration extents based on the October 2023 groundwater monitoring. Figure 2 shows the location of the wells and the cross-sections.

The two monitoring wells sampled for PCBs in April 2023 had no detections above the method detection limits and therefore no exceedance of the NR 140 ES or PAL for PCBs were reported. As such, colloidal and co-solvency transport has not occurred at the site based on analytical results.

4.4 GETS Performance and VOC Groundwater Sampling Results Discussion

During the start-up of the GETS in July 2015, a constant rate pumping test was completed by pumping the groundwater extraction well (GWE-1) at a constant rate of 45 gallons per minute while measuring water levels in most site monitoring wells. A summary of the pumping test was included in Attachment B of the Groundwater Extraction and Treatment System (GETS) Construction Documentation Report submitted to the WDNR in November 2015 (Arcadis, 2015b). The test indicated that drawdown was observed within most of the wells within the 2015 well network, including wells in the most distant wells nests. Five wells in close proximity to GWE-1 (MW-19D, MW-19D2, MW-20D, MW-20D2, and MW-21D) were not monitored during the pumping test but are certainly within the radius of influence of GWE-1. Drawdown was not notable in MW-27D2; however, drawdown was observed in MW-27D. The pumping test report suggests that drawdown was not observed at the MW-25 well nest; however, a review of the hydrograph for MW-25D2 for the period of the pumping test shows a clear decrease in water level in response to the onset of pumping. Thus, the influence of pumping GWE-1 at 45 gpm is also clearly measurable at downgradient MW-25D2. Based on the results of the 2015 pumping test it appears that the radius of influence of GWE-1 encompasses most of the horizontal extent of the groundwater plume when pumping at 45 gpm.

GWE-1 is screened within the Lone Rock and Wonewoc formations. During the pumping test, drawdown was reported for wells screened in these formations as well as wells screened in the

unconsolidated formation above the Lone Rock. This indicates that the hydrologic influence of pumping GWE-1 is also observed over most of the vertical extent of the groundwater plume.

Although pumping test data suggest the plume is mostly captured by pumping, a handful of wells have unstable or apparently increasing PCE concentrations. There are many possible reasons for unstable or increasing contaminant concentrations at wells within the pumping test radius of influence of GWE-1, including: localized connectedness or disconnectedness of fractures, changes in hydraulic gradients caused by rainfall events or lack of rainfall, plume advancement during times when the GETS is off for maintenance, and/or the difference in pumping rate between the pumping test (45 gpm) and current GETS operation (between 32 and 40 gpm - see Section 2.1). Nevertheless, based on the 2023 monitoring, wells on the edges of the plume tend to have stable PCE concentrations, indicating the plume is not significantly advancing and therefore the GETS is effective at both removing VOCs from the groundwater (see Section 2.1) and providing hydraulic containment to minimize off-site migration.

The following sections summarize PCE trends for each geologic unit using data from wells sampled in October 2023.

4.4.1 Unconsolidated

Four wells within the unconsolidated unit were sampled in October 2023 (MW-1, MW-3S, MW-6S, and MW-28). PCE concentration trends for these wells are generally inconsistent. PCE concentrations at MW-1 are variable with no distinct trend, exceeding the ES in the last event. PCE concentrations at MW-3S are variable with no distinct trend. MW-6S has remained consistently below the ES for PCE and PCE has not been detected at MW-6S since 2018. MW-28 has consistently been above the ES for PCE with no distinct trend. Other unconsolidated wells that were not sampled (MW-2S, MW-4S, MW-7, MW-8, MW-10S, MW-11S, MW-12S, MW-18S, MW-26S, and MW-29S) historically had low (below the PAL and/or ES), decreasing, or stable PCE concentrations, or have not been sampled for VOCs.

4.4.2 Upper Lone Rock

MW-2D, MW-3D, MW-4D, MW-5S, MW-6D, MW-9D, MP-13 Port 7, MW-24, and MW-29D are screened within the Upper Lone Rock unit. Most of these wells, with the exception of MW-4D, MW-24 and MW-29D, were sampled in October 2023. PCE concentrations at wells within this unit were generally decreasing or below the PAL, except for MW-3D which has been highly variable.

4.4.3 Lower Lone Rock

MW-3D2, MW-4D2, MW-5D, MW-9D2, MP-13 Port 5 and 6, MP-14 Port 4, MP-16 Port 4, MW-19D, MW-20D, and MW-21D, are located within the Lower Lone Rock unit. Wells MP-14 Port 4, MP-16 Port 4, MW-19D, MW-20D, and MW-21D were not sampled in October 2023. Generally, the Lower Lone Rock wells currently exceed the ES for PCE, except for well MW-4D2, where PCE was not detected in 2023 and the ES for PCE has never been exceeded. PCE concentrations at wells within this unit were generally stable or decreasing. PCE concentrations at MP-13 Ports 5 and 6 have decreased significantly since 2015. PCE concentrations at MP-13 Port 5 have a decreasing trend. PCE concentrations at MW-5D are highly variable and PCE concentrations at MW-9D2 have an increasing trend. MP-14 Port 4 and MP-16 Port 4 were both last sampled in October 2014, with PCE concentrations above the PAL but below the ES.

MW-19D, MW-20D, and MW-21D were lasted sampled in October 2014 and had exceedances of the ES for PCE.

4.4.4 Upper Wonewoc

MP-13 Ports 2, 3, and 4, MP-14 Ports 2 and 3, MP-15 Ports 3, 4, and 5, MP-16 Ports 2 and 3, MW-19D2, MW-20D2, MW-25D, MW-25D2, and MW-27D are located within the Upper Wonewoc unit, and all wells with the exception of MW-19D2 and MW-20D2 were sampled in October 2023. PCE concentrations at wells within this unit were generally stable or decreasing. The PCE concentration at MW-27D has a decreasing trend, with the last two years being below the ES and above the PAL. PCE concentrations at MP-16 Port 2 have an increasing trend. PCE concentrations at MW-25D have been reported below the PAL, if above the laboratory method detection limit (MDL), since 2016 and no exceedance of the ES has been reported. PCE concentrations at MW-25D2 are generally reported below the MDL and reported detections above the MDL have not exceeded the PAL.

4.4.5 Lower Wonewoc

MW-3D3, MW-5D2, MW-5D3, MP-13 Port 1, MP-14 Port 1, MP-15 Ports 1 and 2, MP-16 Port 1, MW-17, and MW-27D2 are located within the Lower Wonewoc unit, and all were sampled in October 2023. PCE concentrations at wells within this unit were generally stable or decreasing, with several wells below the ES (MW-3D3, MW-5D3, MP-15 Port 1, and MP-16 Port 1). MP-13 Port 1 has a decreasing trend. PCE concentrations at MP-14 Port 1 are showing an increasing trend. The PCE concentration at MW-5D2 also has an increasing trend while MP-15 Port 2, MW-17, and MW-27D2 are generally stable.

5.0 Soil Gas Monitoring

Following shutdown of the SVE system, soil gas monitoring was completed in 2018 and 2019. A summary of the shutdown and soil gas monitoring completed was included in the Soil Vapor Extraction System Shut Down and Soil Gas Analytical Results discussion letter submitted to the WDNR on February 8, 2019 (TRC, 2019). Subsequent soil gas sampling was conducted in July and October of 2019 and a summary of the results was included in the January 1, 2019 – December 31, 2019 Madison-Kipp Corporation Groundwater, Soil Vapor, and Treatments Systems Report (TRC, 2020).

Figure 14 depicts the location of the soil gas sample points.

There is no on-going monitoring program for soil gas. Based on the 2019 soil gas monitoring events, TRC, on behalf of MKC, proposes to continue to keep the SVE system off. TRC, MKC, and the WDNR have discussed the SVE system several times since 2019, as recently as August 2021. WDNR planned to review the Site internally and provide follow-up on next steps required for closure of BRRTS No. 02-13-578015.

6.0 Rain Garden Sediment Monitoring

TRC completed the 2023 semi-annual rounds of sediment sampling as recommended in the December 4, 2018, Rain Garden – 2018 Sediment Monitoring (BRRTS #02-13-562649) letter. Sediment samples were collected from manhole MH-1A and from the Outfall into the rain garden on April 19, 2023 and October 9, 2023 and analyzed for PCBs using EPA Method 8082. In accordance with Section D part 2 of the April 2, 2019, U.S. Environmental Protection Agency TSCA PCB Coordinated Approval, water samples were collected from the outfall area on May 1, 2023 and October 18, 2023 and analyzed for PCBs as well. The location of manhole MH-1A and the Outfall are shown on Figure 15. Table 8 includes a summary of the sediment samples collected through 2023, Table 9 includes a summary of the water samples collected through 2023, and Appendix F includes the laboratory analytical reports for the sediment and water samples collected in 2023.

- Based on the semi-annual sediment sample results, the material within MH-1A contains low concentrations of PCBs, below the NR 720 industrial direct contact residual contaminant levels (RCLs). The sediment observed within MH-1A was primarily coarse grain material with some fines and organics.
- Sediment accumulation within the Outfall pipe was present and generally consisted of primarily fine grain material with some organics. Results from the semi-annual monitoring show that sediment containing PCBs is present in the Outfall, but at concentrations below the NR 720 industrial direct contact RCLs.
- Consistent with previous semi-annual sampling events, no PCBs analyzed were detected above the laboratory method detection limits for the water samples collected from the outfall point. The analytical laboratory reports are included in Appendix F.

7.0 Facility Cap Maintenance Work

MKC periodically completes pavement improvement work for facility operations. The majority of the pavement surfaces at the Site function as a cap.

During the 2023 calendar year there were no repairs to the facility cap.

8.0 Conclusions and Recommendations

8.1 Remedial System Operation

The OM&M activities for the SVE and GETS were completed as required at the Site during the 2023 calendar year. System operation data and details for the first part of the year (January to June 2023) were included in the Operations, Monitoring, and Maintenance Semi-annual Report – January 1, 2023 – June 30, 2023 Groundwater and Soil Vapor Extraction Treatment Systems Madison-Kipp Corporation, 201 Waubesa Street, Madison, Wisconsin (TRC, 2023). The GETS required some adjustments but primarily operated continuously throughout this reporting period, with the exception shutdowns due to repair work and routine maintenance as noted. The SVE system remained shut down during the 2023 calendar year as noted.

8.2 Site Groundwater Monitoring

Site groundwater monitoring was completed in April and October 2023. PCBs were not detected in any of the PCB groundwater samples collected. PCE trends were reviewed for site wells in conjunction with the data collected during the 2015 constant rate pump test. Although pumping test data suggest the plume is mostly captured by pumping, not all wells in the monitoring well network have stable or decreasing contaminant trends. A handful of wells have unstable or apparently increasing PCE concentrations. There are many possible reasons for unstable or increasing contaminant concentrations at wells within the pumping test radius of influence of GWE-1, including: localized connectedness or disconnectedness of fractures, changes in hydraulic gradients caused by rainfall events or lack of rainfall, plume advancement during times when the GETS is off for maintenance, and pumping rates. Nevertheless, wells on the edges of the plume tend to have stable PCE concentrations, indicating the plume is not significantly advancing and therefore the GETS is effective at both removing VOCs from the groundwater and providing hydraulic containment to minimize off-site migration.

As additional groundwater monitoring events are completed, further data and concentration versus time analyses will be completed to continue to evaluate the effectiveness of the GETS. As of December 2023, the GETS has been in operation for approximately eight years. The GETS, while pumping at 45 gpm, is capable of influencing local groundwater within the unconsolidated, Lone Rock, and Wonewoc formations. Groundwater monitoring will continue to evaluate if there are impacts to groundwater not being addressed by the remediation system.

8.3 Site Soil Gas Monitoring

No soil gas monitoring was conducted in 2023 after the completion of the 2018 SVE shutdown and 2019 post-shutdown monitoring.

8.4 Rain Garden Sediment Monitoring

Sediment results from both semi-annual monitoring events completed in 2023 indicated that sediment containing PCBs continues to be present in manhole MH-1A and the Outfall pipe. However, reported concentrations are below the NR 720 industrial direct contact RCLs. In addition, PCBs were not detected above the laboratory method detection limit in the stormwater present in the rain garden.

8.5 Recommendations

Based on the results of the 2023 OM&M, no immediate actions are required, and OM&M is planned to continue in 2024. Work planned for 2024 includes the following:

- GETS operation, including performance evaluation and modifications as needed;
- SVE system will remain shut down;
- Compliance monitoring;
- Groundwater monitoring (as outlined in Table 10);
- Rain garden semi-annual sediment and stormwater monitoring;
- Facility cap maintenance; and
- Semi-annual reporting.

9.0 References

Arcadis U.S., Inc. 2015a. 2014 Annual Report, Madison-Kipp Corporation, 201 Waubesa Street, Madison, Wisconsin. March 2015.

Arcadis U.S., Inc. 2015b. Groundwater Extraction and Treatment System (GETS) Construction Documentation Report, Madison-Kipp Corporation, 201 Waubesa Street, Madison, Wisconsin. November 19, 2015.

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TRC Environmental Corporation. 2019. Update on Soil Vapor Extraction System Shut Down and Soil Gas Analytical Results, Madison-Kipp Corporation, Madison, Wisconsin. February 9, 2019.

TRC Environmental Corporation. 2020. Operations, Monitoring, and Maintenance Semi-annual Report – January 1, 2019 – December 31, 2019, Groundwater, Soil Vapor, and Treatment System, Madison-Kipp Corporation, 201 Waubesa Street, Madison, Wisconsin. April 7, 2020.

TRC Environmental Corporation. 2023. Operations, Monitoring, and Maintenance Semi -annual Report - January 1, 2023 - June 30, 2023, Groundwater and Soil Vapor Extraction Treatment Systems & Rain Garden Madison-Kipp Corporation, 201 Waubesa Street, Madison, Wisconsin. August 10, 2023.

Table 1: Summary of Groundwater Extraction System Operation and Mass Removal - January to December 2023
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Date	Groundwater Discharged This Period (gal)	Cumulative Groundwater Discharged (gal)[1]	Average Discharge Flow Rate[2],[5] (gpd)	Average Discharge Flow Rate[2],[5],[6] (gpm)	Influent Sample Results[3] VOCs (µg/L)	Effluent Sample Results[3] VOCs (µg/L)	Cumulative VOCs Removed[1],[4] (pounds)	Comments
1/5/2023	5,965	137,082,089	840	1	NS	NS	1780	The GETS restarted at 9:40 for operation evaluation and pump rate reduced to 20 GPM until further repairs can be addressed
1/6/2023	31,833	137,113,922	28,722	20	NS	NS	1780	
1/10/2023	108,702	137,222,624	28,601	20	NS	NS	1780	
1/27/2023	457,618	137,680,242	26,582	18	NS	NS	1790	The GETS shutdown at 17:30 due to operational limitations of pump P-103
2/21/2023	3,463	137,683,705	--	--	NS	NS	1790	The GETS was restarted at 11:25 following pump P-103 repairs
2/22/2023	50,496	137,734,201	54,508	38	NS	NS	1790	
2/24/2023	125,486	137,859,687	58,860	41	NS	NS	1790	
2/28/2023	224,349	138,084,036	57,546	40	NS	NS	1790	
3/7/2023	410,718	138,494,754	57,532	40	1160	8.56	1790	
3/15/2023	443,026	138,937,780	57,165	40	NS	NS	1800	
3/23/2023	421,368	139,359,148	52,065	36	NS	NS	1800	Extraction flow rate adjusted to 35 GPM based on pump P-103 operation frequency
3/27/2023	208,342	139,567,490	50,363	35	NS	NS	1800	
4/4/2023	400,966	139,968,456	50,335	35	NS	NS	1810	
4/11/2023	357,952	140,326,408	50,327	35	NS	NS	1810	Pump P-103 operation frequency adjusted to 48 Hz
4/19/2023	387,548	140,713,956	50,322	35	NS	NS	1810	
4/19/2023	13,416	140,727,372	52,073	36	NS	NS	1810	GETS flow rate adjusted to 38 GPM at 14:57
4/24/2023	265,930	140,993,302	54,651	38	NS	NS	1820	
4/27/2023	162,941	141,156,243	52,397	36	NS	NS	1820	
5/1/2023	222,569	141,378,812	56,080	39	NS	NS	1820	
5/9/2023	454,031	141,832,843	56,072	39	NS	NS	1830	
5/15/2023	328,807	142,161,650	54,624	38	NS	NS	1830	
5/25/2023	526,185	142,687,835	54,617	38	NS	NS	1830	
6/1/2023	394,288	143,082,123	54,625	38	NS	NS	1840	
6/6/2023	276,463	143,358,586	54,475	38	1351	7.39	1840	The GETS was shutdown for a short period of time to reset the HMI screen. The GETS was restarted at 38 GPM.
6/15/2023	484,880	143,843,466	54,630	38	NS	NS	1850	
6/23/2023	439,245	144,282,711	54,616	38	NS	NS	1850	
6/29/2023	322,002	144,604,713	54,622	38	NS	NS	1850	
7/6/2023	378,387	144,983,100	54,608	38	NS	NS	1860	
7/14/2023	446,573	145,429,673	54,617	38	NS	NS	1860	
7/18/2023	213,066	145,642,739	54,613	38	NS	NS	1870	
7/20/2023	112,151	145,754,890	54,708	38	NS	NS	1870	
7/26/2023	341,852	146,096,742	56,459	39	NS	NS	1870	The GETS was shutdown between July 27 and August 2 due to operational issues with pump P-200.
8/2/2023	5,311	146,102,053	767	1	NS	NS	1870	GETS restarted at 40 GPM after repair on gasket on air stripper.
8/7/2023	294,590	146,396,643	57,489	40	NS	NS	1870	
8/16/2023	510,586	146,907,229	56,186	39	NS	NS	1880	GETS was shutdown for a period of time due to FIT-200 low flow issue, then restarted at 40 GPM at 16:14.
10/5/2023	330,259	147,237,488	6,615	5	NS	13.96	1880	GETS was shutdown between August 22 and October 5 due to operational issues with pump P-100. GETS was restarted at 40 GPM at 14:39.
10/9/2023	226,494	147,463,982	57,532	40	NS	NS	1890	
10/18/2023	515,720	147,979,702	57,533	40	NS	NS	1890	
10/25/2023	410,249	148,389,951	57,534	40	NS	NS	1900	

Table 1: Summary of Groundwater Extraction System Operation and Mass Removal - January to December 2023
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Date	Groundwater Discharged This Period (gal)	Cumulative Groundwater Discharged (gal)[1]	Average Discharge Flow Rate[2],[5] (gpd)	Average Discharge Flow Rate[2],[5],[6] (gpm)	Influent Sample Results[3] VOCs (µg/L)	Effluent Sample Results[3] VOCs (µg/L)	Cumulative VOCs Removed[1],[4] (pounds)	Comments
11/1/2023	386,743	148,776,694	57,544	40	NS	NS	1900	
11/6/2023	135,615	148,912,309	25,665	18	NS	NS	1900	GETS was shutdown for a short period of time due to high level alarms from LIT-200 and LISHH-200. GETS was reset and started at 40 GPM at 15:29.
11/15/2023	514,900	149,427,209	57,540	40	NS	NS	1910	
11/20/2023	286,745	149,713,954	57,533	40	NS	NS	1910	
11/29/2023	516,999	150,230,953	57,555	40	NS	NS	1920	
12/7/2023	426,346	150,657,299	53,391	37	NS	NS	1920	GETS was shutdown for a short period of time to clean air stripper. Restarted GETS at 40 GPM at 1252
12/9/2023	16,054	150,673,353	8,008	6	NS	NS	1920	GETS was shutdown for a short period of time due to FIT-200 high level alarm, restarted at 40 GPM at 1320
12/15/2023	308,305	150,981,658	50,250	35	NS	NS	1930	GETS was shutdown for a short period of time due to issues with LIT-201 and P-200, GETS restarted at 40 GPM at 1605
12/22/2023	217,004	151,198,662	32,066	22	NS	NS	1930	GETS was shutdown for a short period of time due to high level alarms. GETS restarted at 38 GPM at 1056
12/28/2023	340,789	151,539,451	54,660	38	NS	NS	1930	

Notes:

-- = Field reading recorded is not consistent with previous collected data and not used for calculations or system issues did not allow a reading to be obtained.

VOCs = Volatile Organic Compounds

GETS - Groundwater Extraction and Treatment System

Updated By: M. Holicky 1/3/2024

Checked By: M. Wagler 2/23/2024

Footnotes:

[1] The total gallons treated and VOCs removed by the GETS prior to 2023 are included in the 2022 Annual Report and reports referenced therein (TRC, 2023).

[2] The average discharge flow rate calculations noted take into account system down time and are based on volume of groundwater extracted and time elapsed between monitoring events.

[3] Analytical laboratory reports for sampling completed between July and December 2023 are included in Attachment 4 of this report.

[4] Compliance sampling starting in 2019 is completed on a quarterly basis, prior to 2019 sampling was completed on a monthly basis. For weeks where samples were not collected the previously obtained sampling data was used for cumulative VOCs calculations.

[5] The extraction and transfer pumps for the GETS contain variable speed frequency drives that fluctuate based on liquid levels in the equalization and mixing tank along with the air stripper liquid level. At times the flow will fluctuate and readings collected over a few days time may reflect bias results for the overall system operation.

[6] The soil vapor extraction system was shutdown in October 2018. Based on the shutdown, the GETS operation flow rate was adjusted to 40 GPM. During the reporting period, the operation flow rate was adjusted to between 35 and 40 GPM.

Table 2: GETS WPDES Compliance Sample Results - January to December 2023
Madison-Kipp Corporation
201 Waubesa Street, Madison, Wisconsin

Parameter[3]	Permit Discharge Limits	Unit	Location Sample Date															
			Influent 2/21/2023	Effluent 2/21/2023	Influent 3/7/2023	Effluent 3/7/2023	Influent 4/27/2023	Effluent 4/27/2023	Influent 6/6/2023	Effluent 6/6/2023	Influent 8/2/2023	Effluent 8/2/2023	Effluent 9/26/2023	Influent 10/5/2023	Effluent 10/5/2023	Influent 12/7/2023	Effluent 12/7/2023
Miscellaneous																	
Total Suspended Solids	40	mg/L	0.53 J	<0.51	--	--	<1.9	<1.9	<1.9	<1.9	<1.9	2.2 J	--	<1.9	<1.9	<1.9	<1.9
VOCs																	
1,1,1-Trichloroethane	50	µg/L	--	--	<0.76	<0.38	--	--	<0.38	<0.38	--	--	<0.38	--	<0.38	-	-
1,1,2,2-Tetrachloroethane	50	µg/L	--	--	<0.80	<0.40	--	--	<0.40	<0.40	--	--	<0.40	--	<0.40	-	-
1,1,2-Trichloroethane	50	µg/L	--	--	<0.70	<0.35	--	--	<0.35	<0.35	--	--	<0.35	--	<0.35	-	-
1,1-Dichloroethene	50	µg/L	--	--	<0.78	<0.39	--	--	<0.39	<0.39	--	--	<0.39	--	<0.39	-	-
1,2-Dichloroethane	180	µg/L	--	--	<0.78	<0.39	--	--	<0.39	<0.39	--	--	<0.39	--	<0.39	-	-
Benzene	50	µg/L	--	--	<0.29	<0.15	--	--	<0.15	<0.15	--	--	<0.15	--	<0.15	-	-
Bromodichloromethane	120	µg/L	--	--	<0.74	<0.37	--	--	<0.37	<0.37	--	--	<0.37	--	<0.37	-	-
Bromoform	120	µg/L	--	--	<0.89	<0.45	--	--	<0.45	<0.45	--	--	<0.45 ^c*	--	<0.45	-	-
Bromomethane	NE	µg/L	--	--	--	--	--	--	<0.65	--	--	--	<0.65	--	<0.65	-	-
Carbon Tetrachloride	150	µg/L	--	--	<0.77	<0.38	--	--	<0.38	<0.38	--	--	<0.38	--	<0.38 *	-	-
cis-1,2-Dichloroethene	NE	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	-	-
Chloromethane	NE	µg/L	--	--	<0.64	0.36	--	--	0.4 J B	<0.32	--	--	<0.32	--	<0.32	-	-
Ethylbenzene	NE	µg/L	--	--	<0.37	<0.18	--	--	<0.18	<0.18	--	--	<0.18	--	<0.18	-	-
Tetrachloroethene	50	µg/L	--	--	1000	6.6	--	--	1200	5.7	--	--	12	--	<0.37 ^c*	-	-
Toluene	NE	µg/L	--	--	<0.30	<0.15	--	--	0.18 J	0.59	--	--	<0.15	--	<0.15	-	-
Total Xylenes	NE	µg/L	--	--	<0.80	<0.40	--	--	<0.40	<0.40	--	--	<0.40	--	<0.40	-	-
trans-1,2-Dichloroethene	NE	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	-	-
Trichloroethene	50	µg/L	--	--	160	1.6	--	--	150	1.1	--	--	1.9	--	<0.16	-	-
Vinyl Chloride	10	µg/L	--	--	<0.41	<0.20	--	--	0.7 J	<0.20	--	--	<0.20	--	<0.20 ^c	-	-
Total BTEX[1]	750	µg/L	--	--	<0.80	<0.40	--	--	0.18 J	0.59	--	--	<0.40	--	<0.40	-	-
Total VOCs (includes BTEX)	NE	µg/L	--	--	1160	8.56	--	--	1350.58	7.39	--	--	13.9	--	<0.65	-	-
PAHs																	
Benzo(a)anthracene	NE	µg/L	--	--	<0.0057	<0.0059	--	--	<0.015	<0.014	--	--	<0.014	--	<0.014	-	-
Benzo(a)pyrene	0.1	µg/L	--	--	<0.0032	<0.0033	--	--	<0.0028	<0.0026	--	--	<0.0027	--	<0.0025	-	-
Benzo(b)fluoranthene	NE	µg/L	--	--	<0.0045	<0.0046	--	--	<0.0041	<0.0038	--	--	<0.0039	--	<0.0037	-	-
Benzo(g,h,i)perylene	NE	µg/L	--	--	<0.0041	<0.0041	--	--	<0.0033	<0.0031	--	--	<0.0032	--	<0.0030	-	-
Benzo(k)fluoranthene	NE	µg/L	--	--	<0.0027	<0.0028	--	--	<0.0033	<0.0031	--	--	<0.0032	--	<0.0030	-	-
Chrysene	NE	µg/L	--	--	<0.0091	<0.0093	--	--	<0.0089	<0.0082	--	--	<0.0086	--	<0.0081	-	-
Dibenzo(a,h)anthracene	NE	µg/L	--	--	<0.0033	<0.0034	--	--	<0.0032	<0.0030	--	--	<0.0031	--	<0.0029	-	-
Fluoranthene	NE	µg/L	--	--	<0.0049	<0.0050	--	--	<0.0061	<0.0056	--	--	0.0075 J B *	--	<0.0056	-	-
Indeno(1,2,3-cd)pyrene	NE	µg/L	--	--	<0.0038	<0.0038	--	--	<0.0034	<0.0032	--	--	<0.0033	--	<0.0031	-	-
Naphthalene	70	µg/L	--	--	<0.013	<0.013	--	--	<0.018	<0.017	--	--	<0.018	--	<0.017	-	-
Phenanthrene	NE	µg/L	--	--	<0.0076	<0.0078	--	--	<0.016	<0.015	--	--	0.051 B	--	<0.015	-	-
Pyrene	NE	µg/L	--	--	<0.0054	<0.0055	--	--	<0.0080	<0.0073	--	--	<0.0076	--	<0.0073	-	-
PAHs Group of 10 Total[2]	0.1	µg/L	--	--	<0.0091	<0.093	--	--	<0.016	<0.015	--	--	0.0585	--	<0.015	-	-

Notes:

Updated By: M. Holicky 5/15/2024
Checked by: A. Goncalves 5/16/2024

< = Less than
µg/L = Micrograms per liter
mg/L = Milligrams per liter
B = Compound was found in the blank and in the sample.
J = Estimated value. Analyte detected at a level less than the reporting limit and greater than or equal to the detection limit.
* = ISTD response or retention time outside of acceptable limits.
^c = CCV Recovery is outside acceptance limits.
NE = Not Established
-- = Not analyzed
PAHs = Polynuclear Aromatic Hydrocarbons
VOCs = Volatile Organic Compounds
TSS = Total Suspended Solids

Footnotes:

(1) Total BTEX is the sum of the benzene, toluene, ethylbenzene and xylene concentrations. If all compounds were below their corresponding laboratory detection limits, the highest detection limit of the BTEX compounds was noted.

(2) PAH group of 10 (Polynuclear Aromatic Hydrocarbons) include the sum of the following individual compounds: benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene. If all compounds were below their corresponding laboratory detection limits, then the highest detection limit of the PAH group compounds was noted.

(3) Following WDNR approval, compliance monitoring parameters and frequency were adjusted in 2019. VOCs and PAHs are monitored on a quarterly basis and TSS is monitored on a periodic basis based on system cleaning.

Table 3: Combined SVE and GETS Gas Analytical Data - December 2022 - December 2023
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Sample Date	12/13/2022		6/29/2023		11/1/2023	
Sample Location	**Influent**	**Effluent**	**Influent**	**Effluent**	**Influent**	**Effluent**
Vinyl Chloride	<8.2	<4.9	<8.7	3.1	<4.0	0.17 J
1,1-Dichloroethene	<8.2	<4.9	<8.7	<1.2	<4.0	<0.20
cis-1,2-Dichloroethene	**360**	**730**	**700**	**250**	**420**	**16**
Benzene	<8.2	<4.9	<8.7	<1.2	<4.0	<0.20
Trichloroethene	**160**	**46**	**410**	**130**	**160**	**1.4**
Toluene	<8.2	<4.9	<17	<2.4	<4.0	<0.20
Tetrachloroethene	**1100**	**880**	**2800**	**380**	**400**	**4.6**
Ethyl Benzene	<8.2	<4.9	<8.7	<1.2	<4.0	<0.20
m,p-Xylene	<8.2	<4.9	<17	<2.4	<10	<0.50
o-Xylene	<8.2	<4.9	<8.7	<1.2	<4.0	<0.20
1,3,5-Trimethylbenzene	<8.2	<4.9	<8.7	<1.2	<4.0	<0.20
1,2,4-Trimethylbenzene	<8.2	<4.9	<8.7	<1.2	<4.0	<0.20

Notes:

Updated By: M. Holicky 11/30/2023

Checked by: M. Wagler 2/26/2024

All concentrations in this table are reported in ppbv unless otherwise noted.

All samples were analyzed using Method TO-15 and the analytes shown in the table are from the VOC analyte list. Only analytes that were detected in at least one sample are shown in the table. A complete list of constituents analyzed are included in the laboratory analytical reports.

< = Constituent not detected above noted laboratory method detection limit.

Bold = Constituent detected above laboratory detection limit.

GETS = Groundwater extraction and treatment system

ppbv = parts per billon by volume

VOCs = Volatile Organic Compounds

Table 4: Estimate of GAC Effluent Emissions - Total Volatile Organic Compounds
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Date[3]	Total VOC Concentration[1][2] µg/m^3	System Flow Rate[4] CFM	Emission Rate[5] lb/hr
1/18/2016	3500	389.4	5.2E-03
2/8/2016	3300	362.2	4.5E-03
3/7/2016	3100	364.1	4.2E-03
4/6/2016	3700	363.8	5.0E-03
5/4/2016	3300	361.0	4.5E-03
6/7/2016	3500	354.9	4.7E-03
7/20/2016	9900	359.6	1.3E-02
8/8/2016	6400	354.1	8.5E-03
9/9/2016	7100	346.9	9.2E-03
10/10/2016	3500	361.1	4.7E-03
11/7/2016	4900	357.8	6.5E-03
12/7/2016	4600	366.9	6.3E-03
1/17/2017	6000	376.7	8.4E-03
2/8/2017	5800	375.3	8.2E-03
3/7/2017	5400	355.8	7.2E-03
4/6/2017	5400	352.6	7.1E-03
5/5/2017	5800	353.8	7.7E-03
6/7/2017	3900	358.1	5.3E-03
7/11/2017	7700	346.0	9.9E-03
8/7/2017	8100	355.8	1.1E-02
9/14/2017	12200	368.0	1.7E-02
10/5/2017	10300	367.5	1.4E-02
11/30/2017	5000	375.2	7.1E-03
12/8/2017	10600	384.0	1.5E-02
1/8/2018	17400	390.1	2.5E-02
2/6/2018	4600	395.0	6.8E-03
3/8/2018	2900	381.9	4.1E-03
4/3/2018	7000	367.9	9.6E-03
5/8/2018	11700	349.6	1.5E-02
6/6/2018	5500	347.8	7.2E-03
7/9/2018	8300	345.2	1.1E-02
8/20/2018	6400	352.2	8.5E-03
9/4/2018	17200	336.8	2.2E-02
10/8/2018	9700	355.9	1.3E-02
11/5/2018	3300	194.6	2.4E-03
12/10/2018	15200	230.1	1.3E-02
6/7/2019	3700	188.5	2.6E-03
12/9/2019	6400	183.9	4.4E-03
6/9/2020	2700	181.2	1.8E-03
12/10/2020	7200	189.0	5.1E-03

Table 4: Estimate of GAC Effluent Emissions - Total Volatile Organic Compounds
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Date[3]	Total VOC Concentration[1][2] µg/m^3	System Flow Rate[4] CFM	Emission Rate[5] lb/hr
6/16/2021	1800	188.2	1.3E-03
12/27/2021	22700	220.0	1.9E-02
6/27/2022	2000	188.2	1.4E-03
12/13/2022	10000	198.7	7.4E-03
6/29/2023	4500	176.8	3.0E-03
11/1/2023	100	191.5	7.8E-05
		Average Emission Rate[6] =	**8.3E-03**
		NR 406 Emission Threshold =	**5.7**

Notes:

VOCs = volatile organic compounds

SVE = soil vapor extraction

GETS = groundwater extraction and treatment system.

CFM = cubic feet per minute

µg/m^3 = micrograms per cubic meters

lb/hr = pounds per hour

Updated by: M. Holicky 7/11/2023

Checked by: M. Wagler 7/12/2023

Updated by: B. Wachholz 6/5/2024

Footnotes:

(1) The total VOC concentration noted between January 2016 and October 2018, represents results from the effluent sample collected post treatment of the SVE and GETS operations. In October 2018, the SVE system was shutdown and the total VOC concentration reported following is representative of the effluent results from only the GETS operation. Samples were analyzed using EPA Method TO-15.

(2) Total VOC concentrations noted were calculated based on analytes reported above and below the method reporting limit. For detected analytes, the reported concentrations were used. For all other analytes detected below the method reporting limit, half of the reporting limit was used.

(3) The sampling frequency was adjusted in 2019 from monthly to semi-annually.

(4) Between July 2015 and October 2018 the system flow rate represented the combined air flow rate from both the GETS and SVE system and was measured using flow meter FIT-201 which measures total flow from the activated carbon system. The SVE was shutdown in October 2018.

(5) Emission rates were calculated based on the product of the total VOC concentration and the system flow rate at the time of monitoring.

(6) Average Emission Rate is an average based on samples collected between January 2016 and December 2023.

Table 5: Groundwater Monitoring Plan - 2023
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Well/ Point ID	Bedrock Unit	Screened Interval (ft bgs)	April & October Gauging	April VOC Sampling	April PCB Sampling	October VOC Sampling	Pump Type
GWE-1*	Lone Rock/ Wonewoc	55-175	x	x		x	NA
MW-1	Unconsolidated	14-24	x			x	Peristaltic
MW-2S	Unconsolidated	19-29	x				NA
MW-2D	Upper Lone Rock	39-44	x	x		x	Peristaltic
MW-3S	Unconsolidated	19-29	x			x	Peristaltic
MW-3D	Upper Lone Rock	48-53	x	x	x	x	Peristaltic
MW-3D2	Lower Lone Rock	76-81	x	x		x	Peristaltic
MW-3D3	Lower Wonewoc	214-224	x			x	GeoSub
MW-4S	Unconsolidated/ Upper Lone Rock	35-50	x				NA
MW-4D	Upper Lone Rock	65-70	x				NA
MW-4D2	Lower Lone Rock	91-96	x	x		x	Bladder
MW-5S	Upper Lone Rock	34-44	x		x	x	Peristaltic
MW-5D	Lower Lone Rock	75-80	x	x		x	Peristaltic
MW-5D2	Lower Wonewoc	166-171	x	x		x	Bladder
MW-5D3	Lower Wonewoc	225-235	x	x		x	GeoSub
MW-6S	Unconsolidated/ Upper Lone Rock	32-42	x			x	Bladder
MW-6D	Upper Lone Rock	66-71	x	x		x	Bladder
MW-7	Unconsolidated	25-35	x				NA
MW-8	Unconsolidated	24-34	x				NA
MW-9D	Upper Lone Rock	44-49	x			x	Peristaltic
MW-9D2	Lower Lone Rock	64-69	x	x		x	Peristaltic
MW-10S	Unconsolidated	11-21	x				NA
MW-11S	Unconsolidated	24-34	x				NA
MW-12S	Unconsolidated	3-13	x				NA
MW-17	Lower Wonewoc	160-170	x	x		x	Bladder
MW-18S	Unconsolidated	20-30	x				NA
MW-21D2	Upper/Lower Wonewoc	110-170	Well abandoned on October 24, 2018				
MW-22S	Unconsolidated	25-35	Well Abandoned on January 16, 2018				
MW-22D	Upper Lone Rock	45-50	Well Abandoned on January 16, 2018				
MW-23S	Unconsolidated	25-35	Well Abandoned on January 16, 2018				
MW-23D	Upper Lone Rock	45-50	Well Abandoned on January 16, 2018				
MW-24	Upper Lone Rock	30-40	x				NA
MW-25D	Upper Wonewoc	120-130	x			x	Bladder
MW-25D2	Upper Wonewoc	160-170	x	x		x	Bladder
MW-26S	Unconsolidated	6.8-16.8	x				NA
MW-27D	Upper Wonewoc	130-140	x	x		x	Bladder
MW-27D2	Lower Wonewoc	170-180	x			x	Bladder
MW-28	Unconsolidated	28-38	x			x	Peristaltic
MW-29S	Unconsolidated	24-34	x				Peristaltic
MW-29D	Upper Lone Rock	45-50	x				Bladder
MP-13 Port 1	Lower Wonewoc	163-167	x			x	Westbay
MP-13 Port 2	Upper Wonewoc	135-139	x			x	Westbay
MP-13 Port 3	Upper Wonewoc	121-125	x			x	Westbay
MP-13 Port 4	Upper Wonewoc	102-106	x			x	Westbay
MP-13 Port 5	Lower Lone Rock	81-85	x			x	Westbay
MP-13 Port 6	Lower Lone Rock	67-71	x			x	Westbay
MP-13 Port 7	Upper Lone Rock	44-48	x			x	Westbay
MP-14 Port 1	Lower Wonewoc	170-178	x			x	Westbay
MP-14 Port 2	Upper Wonewoc	135-140	x	x		x	Westbay
MP-14 Port 3	Upper Wonewoc	100-105	x			x	Westbay
MP-14 Port 4	Lower Lone Rock	70-75	x				NA

Table 5: Groundwater Monitoring Plan - 2023
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Well/ Point ID	Bedrock Unit	Screened Interval (ft bgs)	April & October Gauging	April VOC Sampling	April PCB Sampling	October VOC Sampling	Pump Type
MP-15 Port 1	Lower Wonewoc	177-187	x			x	Westbay
MP-15 Port 2	Lower Wonewoc	142-146	x			x	Westbay
MP-15 Port 3	Upper Wonewoc	120-125	x			x	Westbay
MP-15 Port 4	Upper Wonewoc	100-105	x			x	Westbay
MP-15 Port 5	Upper Wonewoc	88-92	x			x	Westbay
MP-16 Port 1	Lower Wonewoc	175-179	x			x	Westbay
MP-16 Port 2	Upper Wonewoc	140-144	x	x		x	Westbay
MP-16 Port 3	Upper Wonewoc	106-116	x			x	Westbay
MP-16 Port 4	Lower Lone Rock	80-84	x				NA
Total Sample Points:			**55**	**15**	**2**	**40**	

Notes:

* = The GWE-1 influent sample results from quarterly performance monitoring will be used.

Table 6: Summary of Groundwater Elevations - October 17, 2023
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Well/Boring	Lithology	Screen Interval (feet bls)	Ground Elevation (feet amsl)	Top of Casing Elevation (feet amsl)	Depth to Water (feet btoc)	Groundwater Elevation (feet amsl)
MW-01	Unconsolidated	14-24	861.71	861.08	14.42	846.66
MW-02D	Upper Lone Rock	39-44	866.50	868.74	22.78	845.96
MW-02S	Unconsolidated	19-29	866.34	868.94	22.59	846.35
MW-03D	Upper Lone Rock	48-53	867.68	867.25	22.09	845.16
MW-03D2	Lower Lone Rock	76-81	867.58	867.39	23.15	844.24
MW-03D3	Lower Wonewoc	214-224	867.61	867.35	24.22	843.13
MW-03S	Unconsolidated	19-29	867.87	867.41	21.04	846.37
MW-04D	Upper Lone Rock	65-70	881.18	880.38	34.09	846.29
MW-04D2	Lower Lone Rock	91-96	880.36	880.20	34.35	845.85
MW-04S	Unconsolidated/ Upper Lone Rock	35-50	880.81	880.31	32.23	848.08
MW-05D	Lower Lone Rock	75-80	872.58	872.10	26.58	845.52
MW-05D2	Lower Wonewoc	165.8-170.8	872.59	872.20	29.15	843.05
MW-05D3	Lower Wonewoc	225-235	872.34	871.89	29.43	842.46
MW-05S	Upper Lone Rock	34-44	872.56	872.14	26.11	846.03
MW-06D	Upper Lone Rock	65.5-70.5	877.11	876.69	30.87	845.82
MW-06S	Unconsolidated/ Upper Lone Rock	31.4-41.4	877.20	876.69	29.98	846.71
MW-07	Unconsolidated	25-35	870.91	870.42	23.87	846.55
MW-08	Unconsolidated	24-34	867.69	866.78	20.46	846.32
MW-09D	Upper Lone Rock	44-49	855.80	855.47	10.29	845.18
MW-09D2	Lower Lone Rock	64-69	855.89	855.48	10.56	844.92
MW-10S	Unconsolidated	11-21	864.88	864.42	17.65	846.77
MW-11S	Unconsolidated	24-34	874.10	873.47	27.19	846.28
MW-12S	Unconsolidated	3-13	859.78	859.41	10.04	849.37
MW-17	Upper Wonewoc	160-170	877.26	876.65	33.49	843.16
MW-18S	Unconsolidated	20-30	867.89	867.24	20.68	846.56
MW-19D	Lower Lone Rock	60-90	867.44	866.75	22.43	844.32
MW-19D2	Upper Wonewoc	110-140	867.44	866.71	23.94	842.77
MW-20D	Lower Lone Rock	60-90	867.36	866.96	22.32	844.64
MW-20D2	Lower Lone Rock	110-140	867.36	867.04	24.11	842.93
MW-21D	Lower Lone Rock	60-90	867.77	867.49	22.48	845.01
MW-21D2	Upper Wonewoc	110-170	867.77	867.46	Abandoned	
MW-24	Upper Lone Rock	30-40	876.66	876.41	30.34	846.07
MW-25D	Upper Wonewoc	120-130	886.97	886.69	43.44	843.25
MW-25D2	Upper Wonewoc	160-170	886.97	886.68	43.62	843.06
MW-26S	Unconsolidated	6.85-16.85	857.51	856.61	9.34	847.27
MW-27D	Upper Wonewoc	130-140	862.96	862.65	18.04	844.61
MW-27D2	Lower Wonewoc	170-180	862.96	862.59	17.99	844.60
MW-28	Unconsolidated/ Upper Lone Rock	28-38	874.30	874.05	27.98	846.07
MW-29D	Upper Lone Rock	45-50	875.86	877.61	31.43	846.18
MW-29S	Unconsolidated	24-34	875.97	877.80	29.89	847.91
MP-13	Upper Lone Rock	44-48	864.49	863.99	18.23	845.76
MP-13	Lower Lone Rock	67-71	864.49	863.99	19.53	844.46
MP-13	Lower Lone Rock	81-85	864.49	863.99	20.40	843.59
MP-13	Upper Wonewoc	102-106	864.49	863.99	20.94	843.05
MP-13	Upper Wonewoc	121-125	864.49	863.99	20.98	843.01
MP-13	Upper Wonewoc	135-139	864.49	863.99	21.04	842.95
MP-13	Lower Wonewoc	163-167	864.49	863.99	20.93	843.06
MP-14	Lower Lone Rock	70-75	866.88	867.28	20.11	847.17
MP-14	Upper Wonewoc	100-105	866.88	867.28	22.62	844.66
MP-14	Upper Wonewoc	135-140	866.88	867.28	23.04	844.24
MP-14	Lower Wonewoc	170-178	866.88	867.28	23.29	843.99

Table 6: Summary of Groundwater Elevations - October 17, 2023
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Well/Boring	Lithology	Screen Interval (feet bls)	Ground Elevation (feet amsl)	Top of Casing Elevation (feet amsl)	Depth to Water (feet btoc)	Groundwater Elevation (feet amsl)
MP-15	Upper Wonewoc	88-92	855.98	855.50	11.35	844.15
MP-15	Upper Wonewoc	100-105	855.98	855.50	11.27	844.23
MP-15	Upper Wonewoc	120-125	855.98	855.50	11.29	844.21
MP-15	Lower Wonewoc	142-146	855.98	855.50	11.48	844.02
MP-15	Lower Wonewoc	177-187	855.98	855.50	11.59	843.91
MP-16	Lower Lone Rock	80-84	870.68	870.17	24.43	845.74
MP-16	Upper Wonewoc	106-116	870.68	870.17	26.23	843.94
MP-16	Upper Wonewoc	140-144	870.68	870.17	26.44	843.73
MP-16	Lower Wonewoc	175-179	870.68	870.17	26.79	843.38

Checked by: M. Holicky 2/7/2024
Checked by: M. Wagler 2/26/2024

Table 7: Groundwater Analytical Results Summary - 2023
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-1	MW-1[3]	MW-1	MW-1[3]	MW-2D	MW-2D	MW-2D	MW-3S	MW-3S	MW-3S[3]	MW-3D	MW-3D[3]	MW-3D	MW-3D[3]	MW-3D	MW-3D2	MW-3D2	MW-3D2	MW-3D3	MW-3D3	MW-4D2	MW-4D2	MW-4D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	214 - 224 ft	214 - 224 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/24/2022	10/24/2022	10/16/2023	10/16/2023	10/24/2022	4/13/2023	10/16/2023	10/21/2022	10/16/2023	10/16/2023	10/21/2022	10/21/2022	4/12/2023	4/12/2023	10/16/2023	10/21/2022	4/12/2023	10/16/2023	10/21/2022	10/16/2023	10/24/2022	4/12/2023	10/12/2023
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 0.36	< 0.36	< 0.46	< 0.46	NA	< 0.46	< 0.46	< 3.6	< 0.46	< 0.46	< 3.6	< 3.6	< 0.46	< 0.46	< 0.46	< 0.89	< 0.46	< 0.46	< 0.36	< 0.46	< 0.36	< 0.46	< 0.46
1,1,1-Trichloroethane	40	200	< 0.30	< 0.30	< 0.38	< 0.38	< 0.30	< 0.38	< 0.38	< 3.0	< 0.38	< 0.38	< 3.0	< 3.0	< 0.38	< 0.38	< 0.38	< 0.76	< 0.38	< 0.38	< 0.30	< 0.38	< 0.30	< 0.38	< 0.38
1,1,2-Trichloroethane	0.5	5	< 0.34	< 0.34	< 0.35	< 0.35	< 0.34	< 0.35	< 0.35	< 3.4	< 0.35	< 0.35	< 3.4	< 3.4	< 0.35	< 0.35	< 0.35	< 0.86	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.35	< 0.35
1,1-Dichloroethene	0.7	7	< 0.58	< 0.58	< 0.39	< 0.39	< 0.58	< 0.39	< 0.39	< 5.8	< 0.39	< 0.39	< 5.8	< 5.8	< 0.39	< 0.39	< 0.39	< 1.5	0.43 J	< 0.39	< 0.58	< 0.39	< 0.58	< 0.39	< 0.39
1,2,4-Trimethylbenzene	96	480	< 0.45	< 0.45	< 0.36	< 0.36	NA	< 0.36	< 0.36	< 4.5	< 0.36	< 0.36	< 4.5	< 4.5	< 0.36	< 0.73 U	< 0.36	< 1.1	< 0.36	< 0.36	< 0.45	< 0.36	< 0.45	< 0.36	< 0.36
1,2-Dibromoethane	0.005	0.05	< 0.31	< 0.31	< 0.39	< 0.39	NA	< 0.39	< 0.39	< 3.1	< 0.39	< 0.39	< 3.1	< 3.1	< 0.39	< 0.39	< 0.39	< 0.77	< 0.39	< 0.39	< 0.31	< 0.39	< 0.31	< 0.39	< 0.39
1,2-Dichlorobenzene	60	600	< 0.33	< 0.33	< 0.33	< 0.33	NA	< 0.33	< 0.33	< 3.3	< 0.33	< 0.33	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 0.81	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 0.29	< 0.29	< 0.39	< 0.39	< 0.29	< 0.39	< 0.39	< 2.9	< 0.39	< 0.39	< 2.9	< 2.9	< 0.39	< 0.39	< 0.39	< 0.73	< 0.39	< 0.39	< 0.29	< 0.39	< 0.29	< 0.39	< 0.39
1,2-Dichloropropane	0.5	5	< 0.45	< 0.45	< 0.43	< 0.43	NA	< 0.43	< 0.43	< 4.5	< 0.43	< 0.43	< 4.5	< 4.5	< 0.43	< 0.43	< 0.43	< 1.1	< 0.43	< 0.43	< 0.45	< 0.43	< 0.45	< 0.43	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 1.0	< 1.0	< 0.46	< 0.46	NA	< 0.46 UJ	< 0.46	< 10.2	< 0.46	< 0.46	< 10.2	< 10.2	< 0.46 UJ	< 0.46	< 0.46	< 2.5	< 0.46 UJ	< 0.46	< 1.0	< 0.46	< 1.0	< 0.46 UJ	< 0.46
1,2,4-Trichlorobenzene	14	70	< 0.95	< 0.95	< 0.34	< 0.34	NA	< 0.34 UJ	< 0.34	< 9.5	< 0.34	< 0.34	< 9.5	< 9.5	< 0.34 UJ	< 0.34	< 0.34	< 2.4	< 0.34 UJ	< 0.34	< 0.95	< 0.34	< 0.95	< 0.34 UJ	< 0.34
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.36	< 0.25	< 0.25	NA	< 0.25	< 0.25	< 3.6	< 0.25	< 0.25	< 3.6	< 3.6	< 0.25	< 0.25	< 0.25	< 0.89	< 0.25	< 0.25	< 0.36	< 0.25	< 0.36	< 0.25	< 0.25
2-Butanone	800	4000	< 6.5	< 6.5	< 2.1	< 2.1	< 6.5	< 2.1	< 2.1	< 65.2	< 2.1	< 2.1	< 65.2	< 65.2	< 2.1	< 2.1 UJ	< 2.1	< 16.3	< 2.1	< 2.1	< 6.5	< 2.1	< 6.5	< 2.1	< 2.1
2-Hexanone	NE	NE	< 6.3	< 6.3	< 1.6	< 1.6	< 6.3	< 1.6	< 1.6	< 62.8	< 1.6	< 1.6	< 62.8	< 62.8	< 1.6	< 1.6 UJ	< 1.6	< 15.7	< 1.6	< 1.6	< 6.3	< 1.6	< 6.3	< 1.6	< 1.6
4-Methyl-2-pentanone	50	500	< 6.0	< 6.0	< 2.2	< 2.2	< 6.0	< 2.2	< 2.2	< 59.5	< 2.2	< 2.2	< 59.5	< 59.5	< 2.2	< 2.2 UJ	< 2.2	< 14.9	< 2.2	< 2.2	< 6.0	< 2.2	< 6.0	< 2.2	< 2.2
Acetone	1800	9000	< 8.6	< 8.6	< 1.7	< 1.7	< 8.6	< 2.6 U	< 1.7	< 86.4	< 1.7	< 2.2 U	< 86.4	< 86.4	< 3.1 U	2.9 J	< 1.9 U	< 21.6	< 2.8 U	< 2.8 U	< 8.6	< 2.3 U	< 8.6	< 2.6 U	< 1.7
Benzene	0.5	5	< 0.30	< 0.30	< 0.15	< 0.15	< 0.30	< 0.15	< 0.15	< 3.0	< 0.15	< 0.15	< 3.0	< 3.0	< 0.15	< 0.15	< 0.15	< 0.74	< 0.15	< 0.15	< 0.30	< 0.15	< 0.30	< 0.15	< 0.15
Bromodichloromethane	0.06	0.6	< 0.42	< 0.42	< 0.37	< 0.37	< 0.42	< 0.37	< 0.37	< 4.2	< 0.37	< 0.37	< 4.2	< 4.2	< 0.37	< 0.37	< 0.37	< 1.0	< 0.37	< 0.37	< 0.42	< 0.37	< 0.42	< 0.37	< 0.37
Bromoform	0.44	4.4	< 3.8	< 3.8	< 0.48	< 0.48	< 3.8	< 0.48	< 0.48	< 38.0	< 0.48	< 0.48	< 38.0	< 38.0	< 0.48	< 0.48	< 0.48	< 9.5	< 0.48	< 0.48	< 3.8	< 0.48	< 3.8	< 0.48	< 0.48
Bromomethane	1	10	< 1.2	< 1.2	< 0.80	< 0.80	< 1.2	< 0.80 UJ	< 0.80	< 11.9	< 0.80	< 0.80	< 11.9	< 11.9	< 0.80 UJ	< 0.80 UJ	< 0.80	< 3.0	< 0.80 UJ	< 0.80	< 1.2	< 0.80	< 1.2	< 0.80 UJ	< 0.80
Carbon disulfide	200	1000	< 1.1	< 1.1	< 0.45	< 0.45	< 1.1	< 0.45	< 0.45	< 11.0	< 0.45	< 0.45	< 11.0	< 11.0	< 0.45	< 0.45	< 0.45	< 2.8	< 0.45	< 0.45	< 1.1	< 0.45	< 1.1	< 0.45	< 0.45
Carbon tetrachloride	0.5	5	< 0.37	< 0.37	< 0.38	< 0.38	< 0.37	< 0.38	< 0.38	< 3.7	< 0.38	< 0.38	< 3.7	< 3.7	< 0.38	< 0.38	< 0.38	< 0.92	< 0.38	< 0.38	< 0.37	< 0.38	< 0.37	< 0.38	< 0.38
Chloroethane	80	400	< 1.4	< 1.4	< 0.51	< 0.51	NA	< 0.51 UJ	< 0.51	< 13.8	< 0.51	< 0.51	< 13.8	< 13.8	< 0.51 UJ	< 0.51	< 0.51	< 3.4	< 0.51 UJ	< 0.51	< 1.4	< 0.51	< 1.4	< 0.51 UJ	< 0.51
Chloroform	0.6	6	< 1.2	< 1.2	***0.63 J***	< 0.37	< 1.2	< 0.37	0.47 J	< 11.8	***0.66 J***	***0.70 J***	< 11.8	< 11.8	< 0.37	< 0.37	< 0.37	< 3.0	< 0.37	< 0.37	< 1.2	< 0.37	< 1.2	< 0.37	< 0.37
Chloromethane	3	30	< 1.6	< 1.6	< 0.32	< 0.32	< 1.6	< 0.32	< 0.32	< 16.4	< 0.32	< 0.32	< 16.4	< 16.4	< 0.32	< 1.1 U	0.59 J	< 4.1	< 0.32	< 0.32	< 1.6	< 0.32	< 1.6	< 0.32	< 0.32
cis-1,2-Dichloroethene	7	70	***15.3***	***14.9***	***16 J***	***23 J***	NA	< 0.41	< 0.41	***8.5 J***	***7.8 J***	***10 J***	***28***	***29.3***	***21***	***25***	***27 J***	1.2 J	1.0	0.45 J	< 0.47	< 0.41	< 0.47	< 0.41	< 0.41
Di-isopropyl ether	NE	NE	< 1.1	< 1.1	< 0.28	< 0.28	NA	< 0.28	< 0.28	< 11.0	< 0.28	< 0.28	< 11.0	< 11.0	< 0.28	< 0.28	< 0.28	< 2.8	< 0.28	< 0.28	< 1.1	< 0.28	< 1.1	< 0.28	< 0.28
Dichlorodifluoromethane	200	1000	< 0.46	< 0.46	< 0.67	< 0.67	NA	< 0.67	< 0.67	< 4.6	< 0.67	< 0.67	< 4.6	< 4.6	< 0.67	< 0.67	< 0.67	< 1.1	< 0.67	< 0.67	< 0.46	< 0.67	< 0.46	< 0.67	< 0.67
Ethylbenzene	140	700	< 0.33	< 0.33	< 0.18	< 0.18	< 0.33	< 0.18	< 0.18	< 3.3	< 0.18	< 0.18	< 3.3	< 3.3	< 0.18	< 0.18	< 0.18	< 0.81	< 0.18	< 0.18	< 0.33	< 0.18	< 0.33	< 0.18	< 0.18
Isopropylbenzene	NE	NE	< 1.0	< 1.0	< 0.39	< 0.39	NA	< 0.39	< 0.39	< 10.0	< 0.39	< 0.39	< 10.0	< 10.0	< 0.39	< 0.39	< 0.39	< 2.5	< 0.39	< 0.39	< 1.0	< 0.39	< 1.0	< 0.39	< 0.39 J-
m,p-Xylene	400	2000	< 0.70	< 0.70	< 0.18	< 0.18	NA	< 0.18	< 0.18	< 7.0	< 0.18	< 0.18	< 7.0	< 7.0	< 0.18	< 0.18	< 0.18	< 1.8	< 0.18	< 0.18	NA	< 0.18	< 0.70	< 0.18	< 0.18
Methyl tert-butyl ether	12	60	< 1.1	< 1.1	< 0.39	< 0.39	NA	< 0.39	< 0.39	< 11.3	< 0.39	< 0.39	< 11.3	< 11.3	< 0.39	< 0.39	< 0.39	< 2.8	< 0.39	< 0.39	< 1.1	< 0.39	< 1.1	< 0.39	< 0.39
Methylene chloride	0.5	5	< 0.32	< 0.32	< 1.6	***1.7 J***	NA	< 1.6	< 1.6	< 3.2	< 1.6	< 1.6	< 3.2	< 3.2	< 1.6	< 1.7 U	< 1.6	< 0.80	< 1.6	< 1.6	< 0.32	< 1.6	< 0.32	< 1.6	< 1.6
Naphthalene	10	100	< 1.1	< 1.1	< 0.34	< 0.34	NA	< 0.34 UJ	< 0.34	< 11.3	< 0.34	< 0.34	< 11.3	< 11.3	< 0.34 UJ	< 0.34	< 0.34	< 2.8	< 0.34 UJ	< 0.34	< 1.1	< 0.34	< 1.1	< 0.34 UJ	< 0.34
n-Butylbenzene	NE	NE	< 0.86	< 0.86	< 0.39	< 0.39	NA	< 0.39	< 0.39	< 8.6	< 0.39	< 0.39	< 8.6	< 8.6	< 0.39	< 0.39	< 0.39	< 2.1	< 0.39	< 0.39	< 0.86	< 0.39	< 0.86	< 0.39	< 0.39
n-Hexane	120	600	< 1.5	< 1.5	< 0.49	< 0.49	< 1.5	< 0.49	< 0.49	< 14.6	< 0.49	< 0.49	< 14.6	< 14.6	< 0.49	< 0.49	< 0.49	< 3.7	< 0.49	< 0.49	< 1.5	< 0.49	< 1.5	< 0.49	< 0.49 UJ
n-Propylbenzene	NE	NE	< 0.35	< 0.35	< 0.41	< 0.41	NA	< 0.41	< 0.41	< 3.5	< 0.41	< 0.41	< 3.5	< 3.5	< 0.41	< 0.41	< 0.41	< 0.86	< 0.41	< 0.41	< 0.35	< 0.41	< 0.35	< 0.41	< 0.41
o-Xylene	400	2000	< 0.35	< 0.35	< 0.22	< 0.22	NA	< 0.22	< 0.22	< 3.5	< 0.22	< 0.22	< 3.5	< 3.5	< 0.22	< 0.22	< 0.22	< 0.87	< 0.22	< 0.22	NA	< 0.22	< 0.35	< 0.22	< 0.22
p-Isopropyltoluene	NE	NE	< 1.0	< 1.0	< 0.36	< 0.36	NA	< 0.36	< 0.36	< 10.4	< 0.36	< 0.36	< 10.4	< 10.4	< 0.36	< 0.36	< 0.36	< 2.6	< 0.36	< 0.36	< 1.0	< 0.36	< 1.0	< 0.36	< 0.36
sec-Butylbenzene	NE	NE	< 0.42	< 0.42	< 0.40	< 0.40	NA	< 0.40	< 0.40	< 4.2	< 0.40	< 0.40	< 4.2	< 4.2	< 0.40	< 0.40	< 0.40	< 1.1	< 0.40	< 0.40	< 0.42	< 0.40	< 0.42	< 0.40	< 0.40
Styrene	10	100	< 0.36	< 0.36	< 0.39	< 0.39	NA	< 0.39	< 0.39	< 3.6	< 0.39	< 0.39	< 3.6	< 3.6	< 0.39	< 0.39	< 0.39	< 0.89	< 0.39	< 0.39	< 0.36	< 0.39	< 0.36	< 0.39	< 0.39
tert-Butylbenzene	NE	NE	< 0.59	< 0.59	< 0.40	< 0.40	NA	< 0.40	< 0.40	< 5.9	< 0.40	< 0.40	< 5.9	< 5.9	< 0.40	< 0.40	< 0.40	< 1.5	< 0.40	< 0.40	< 0.59	< 0.40	< 0.59	< 0.40	< 0.40
Tetrachloroethene	0.5	5	***13.3***	***13.3***	***20***	***20***	***5.1***	***3.9***	***8.2***	***689***	***460***	***490***	***578***	***527***	***330***	***390***	***440***	***271***	***130***	***120***	< 0.41	< 0.37	< 0.41	< 0.37	< 0.37
Toluene	160	800	< 0.29	< 0.29	< 0.15	< 0.15	< 0.29	< 0.15	< 0.15	< 2.9	< 0.15	< 0.15	< 2.9	< 2.9	< 0.15	< 0.15	< 0.15	< 0.72	< 0.15	< 0.15	< 0.29	< 0.15	< 0.29	< 0.15	< 0.15
trans-1,2-Dichloroethene	20	100	< 0.53	< 0.53	0.47 J	0.69 J	NA	< 0.35	< 0.35	< 5.3	1.3 J	1.8 J	< 5.3	< 5.3	< 0.35	< 0.35	< 0.35	< 1.3	< 0.35	< 0.35	< 0.53	< 0.35	< 0.53	< 0.35	< 0.35
Trichloroethene	0.5	5	***12.9***	***13.2***	***15 J***	***19 J***	< 0.32	< 0.16	< 0.16	***33.3***	***32 J***	***41 J***	***21.2***	***24.3***	***15***	***18***	***21 J***	***3.9***	***2.5***	***1.6 J***	< 0.32	< 0.16	< 0.32	< 0.16	< 0.16
Trichlorofluoromethane	698	3490	< 0.42	< 0.42	< 0.43	< 0.43	NA	< 0.43	< 0.43	< 4.2	< 0.43	< 0.43	< 4.2	< 4.2	< 0.43	< 0.43	< 0.43	< 1.0	< 0.43	< 0.43	< 0.42	< 0.43	< 0.42	< 0.43	< 0.43
Vinyl chloride	0.02	0.2	***0.34 J***	***0.32 J***	***0.37 J***	***0.65 J***	< 0.17	< 0.20	< 0.20	< 1.7	< 0.20	< 0.20	< 1.7	< 1.7	< 0.20	< 0.20	< 0.20	< 0.44	< 0.20	< 0.20	< 0.17	< 0.20	< 0.17	< 0.20	< 0.20
Xylenes, Total	400	2000	< 1.0	< 1.0	< 0.22	< 0.22	< 1.0	< 0.22	< 0.22	< 10.5	< 0.22	< 0.22	< 10.5	< 10.5	< 0.22	< 0.22	< 0.22	< 2.6	< 0.22	< 0.22	< 1.0	< 0.22	< 1.0	< 0.22	< 0.22
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	< 0.24	< 0.0051	< 0.0047	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	< 0.24	< 0.0055	< 0.0052	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	< 0.24	< 0.0038	< 0.0035	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	< 0.24	< 0.0085	< 0.0079	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	946	986	2630	2620	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.2	< 0.49 J	3.5 J	3.3 J	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 6.

Table 7: Groundwater Analytical Results Summary - 2023
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-5S	MW-5S	MW-5S	MW-5D	MW-5D	MW-5D	MW-5D[3]	MW-5D2	MW-5D2	MW-5D2	MW-5D3	MW-5D3	MW-5D3	MW-6S	MW-6S	MW-6D	MW-6D	MW-6D[3]	MW-6D	MW-9D	MW-9D	MW-9D[3]
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	34 - 44 ft	34 - 44 ft	34 - 44 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/20/2022	4/13/2023	10/11/2023	10/20/2022	4/13/2023	10/11/2023	10/11/2023	10/20/2022	4/13/2023	10/11/2023	10/20/2022	4/13/2023	10/11/2023	10/21/2022	10/12/2023	10/21/2022	4/13/2023	4/13/2023	10/12/2023	10/19/2022	10/12/2023	10/12/2023
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.36	NA	< 0.46	< 0.89	< 0.46	< 0.46	< 0.46	< 14.2	< 4.6	< 4.6	NA	< 0.46	< 0.46	< 0.36	< 0.46	< 0.36	< 2.3	< 2.3	< 0.46	< 0.36	< 0.46	< 0.46
1,1,1-Trichloroethane	40	200	< 0.30	NA	< 0.38	< 0.76	< 0.38	< 0.38	< 0.38	< 12.1	< 3.8	< 3.8	< 0.30	< 0.38	< 0.38	< 0.30	< 0.38	< 0.30	< 1.9	< 1.9	< 0.38	< 0.30	< 0.38	< 0.38
1,1,2-Trichloroethane	0.5	5	< 0.34	NA	< 0.35	< 0.86	< 0.35	< 0.35	< 0.35	< 13.8	< 3.5	< 3.5	< 0.34	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 1.8	< 1.8	< 0.35	< 0.34	< 0.35	< 0.35
1,1-Dichloroethene	0.7	7	< 0.58	NA	< 0.39	< 1.5	***0.80 J***	< 0.39	0.44 J	< 23.3	< 3.9	< 3.9	< 0.58	0.45 J	< 0.39	< 0.58	< 0.39	< 0.58	< 2.0	< 2.0	< 0.39	< 0.58	< 0.39	< 0.39
1,2,4-Trimethylbenzene	96	480	< 0.45	NA	< 0.36	< 1.1	< 0.36	< 0.36	< 0.36	< 17.9	< 3.6	< 3.6	NA	< 0.36	< 0.36	< 0.45	< 0.36	2.9	6.2	6.1	2.9	< 0.45	< 0.36	< 0.36
1,2-Dibromoethane	0.005	0.05	< 0.31	NA	< 0.39	< 0.77	< 0.39	< 0.39	< 0.39	< 12.4	< 3.9	< 3.9	NA	< 0.39	< 0.39	< 0.31	< 0.39	< 0.31	< 1.9	< 1.9	< 0.39	< 0.31	< 0.39	< 0.39
1,2-Dichlorobenzene	60	600	< 0.33	NA	< 0.33	< 0.81	< 0.33	< 0.33	< 0.33	< 13.0	< 3.3	< 3.3	NA	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 1.7	< 1.7	< 0.33	< 0.33	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 0.29	NA	< 0.39	< 0.73	< 0.39	< 0.39	< 0.39	< 11.7	< 3.9	< 3.9	< 0.29	< 0.39	< 0.39	< 0.29	< 0.39	< 0.29	< 2.0	< 2.0	< 0.39	< 0.29	< 0.39	< 0.39
1,2-Dichloropropane	0.5	5	< 0.45	NA	< 0.43	< 1.1	< 0.43	< 0.43	< 0.43	< 17.9	< 4.3	< 4.3	NA	< 0.43	< 0.43	< 0.45	< 0.43	< 0.45	< 2.1	< 2.1	< 0.43	< 0.45	< 0.43	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 1.0	NA	< 0.46	< 2.5	< 0.46 UJ	< 0.46	< 0.46	< 40.7	< 4.6 UJ	< 4.6	NA	< 0.46 UJ	< 0.46	< 1.0	< 0.46	< 1.0	< 2.3	< 2.3	< 0.46	< 1.0	< 0.46	< 0.46
1,2,4-Trichlorobenzene	14	70	< 0.95	NA	< 0.34	< 2.4	< 0.34 UJ	< 0.34	< 0.34	< 38.0	< 3.4 UJ	< 3.4	NA	< 0.34 UJ	< 0.34	< 0.95	< 0.34	< 0.95	< 1.7	< 1.7	< 0.34	< 0.95	< 0.34	< 0.34
1,3,5-Trimethylbenzene	96	480	< 0.36	NA	< 0.25	< 0.89	< 0.25	< 0.25	< 0.25	< 14.3	< 2.5	< 2.5	NA	< 0.25	< 0.25	< 0.36	< 0.25	< 0.36	4.1 J	< 1.3	< 0.25	< 0.36	< 0.25	< 0.25
2-Butanone	800	4000	< 6.5	NA	< 2.1	< 16.3	< 2.1	< 2.1	< 2.1	< 261	< 21	< 21	NA	< 2.1	< 2.1	< 6.5	< 2.1	< 6.5	< 11 UJ	< 11 UJ	< 2.1	< 6.5	< 2.1	< 2.1
2-Hexanone	NE	NE	< 6.3	NA	< 1.6	< 15.7	< 1.6	< 1.6	< 1.6	< 251	< 16	< 16	< 6.3	< 1.6	< 1.6	< 6.3	< 1.6	< 6.3	< 7.8 UJ	< 7.8 UJ	< 1.6	< 6.3	< 1.6	< 1.6
4-Methyl-2-pentanone	50	500	< 6.0	NA	< 2.2	< 14.9	< 2.2	< 2.2	< 2.2	< 238	< 22	< 22	NA	< 2.2	< 2.2	< 6.0	< 2.2	< 6.0	< 11 UJ	< 11 UJ	< 2.2	< 6.0	< 2.2	< 2.2
Acetone	1800	9000	< 8.6	NA	< 1.7	< 21.6	< 2.7 U	< 1.7	< 1.7	< 346	< 25 U	< 17	NA	< 2.8 U	< 1.7	< 8.6	< 1.7	< 8.6	23 J	17 J	< 1.7	< 8.6	< 1.7	< 1.7
Benzene	0.5	5	< 0.30	NA	< 0.15	< 0.74	< 0.15	< 0.15	< 0.15	< 11.8	< 1.5	< 1.5	< 0.30	< 0.15	< 0.15	< 0.30	< 0.15	***246***	***370***	***380***	***340***	< 0.30	< 0.15	< 0.15
Bromodichloromethane	0.06	0.6	< 0.42	NA	< 0.37	< 1.0	< 0.37	< 0.37	< 0.37	< 16.6	< 3.7	< 3.7	< 0.42	< 0.37	< 0.37	< 0.42	< 0.37	< 0.42	< 1.9	< 1.9	< 0.37	< 0.42	< 0.37	< 0.37
Bromoform	0.44	4.4	< 3.8	NA	< 0.48	< 9.5	< 0.48	< 0.48	< 0.48	< 152	< 4.8	< 4.8	< 3.8	< 0.48	< 0.48	< 3.8	< 0.48	< 3.8	< 2.4	< 2.4	< 0.48	< 3.8	< 0.48	< 0.48
Bromomethane	1	10	< 1.2	NA	< 0.80	< 3.0	< 0.80 UJ	< 0.80	< 0.80	< 47.7	< 8.0 UJ	< 8.0	< 1.2	< 0.80 UJ	< 0.80	< 1.2	< 0.80	< 1.2	< 4.0 UJ	< 4.0 UJ	< 0.80	< 1.2	< 0.80	< 0.80
Carbon disulfide	200	1000	< 1.1	NA	< 0.45	< 2.8	< 0.45	< 0.45	< 0.45	< 44.1	< 4.5	< 4.5	< 1.1	< 0.45	< 0.45	< 1.1	< 0.45	< 1.1	< 2.2	< 2.2	< 0.45	< 1.1	< 0.45	< 0.45
Carbon tetrachloride	0.5	5	***0.98 J***	NA	***1***	< 0.92	0.40 J	< 0.38	< 0.38	< 14.8	< 3.8	< 3.8	< 0.37	< 0.38	< 0.38	< 0.37	< 0.38	< 0.37	< 1.9	< 1.9	< 0.38	< 0.37	< 0.38	< 0.38
Chloroethane	80	400	< 1.4	NA	< 0.51	< 3.4	< 0.51 UJ	< 0.51	< 0.51	< 55.2	< 5.1 UJ	< 5.1	NA	< 0.51 UJ	< 0.51	< 1.4	< 0.51	< 1.4	< 2.5	< 2.5	< 0.51	< 1.4	< 0.51	< 0.51
Chloroform	0.6	6	< 1.2	NA	***0.79 J***	< 3.0	< 0.37	< 0.37	< 0.37	< 47.3	< 3.7	< 3.7	< 1.2	< 0.37	< 0.37	< 1.2	< 0.37	***8.4***	< 1.9	< 1.9	< 0.37	< 1.2	< 0.37	< 0.37
Chloromethane	3	30	< 1.6	NA	< 0.32	< 4.1	< 0.32	< 0.32	< 0.32	< 65.4	< 3.2	< 3.2	< 1.6	< 0.32	< 0.32	< 1.6	< 0.32	< 1.6	< 3.7 U	***6.3***	< 0.32	< 1.6	< 0.32	< 0.32
cis-1,2-Dichloroethene	7	70	< 0.47	NA	< 0.41	2.9	4.7	3.0	3.4	< 18.9	***20***	***17***	NA	< 0.41	< 0.41	< 0.47	< 0.41	***7***	***7.5***	***7.4***	< 0.41	< 0.47	< 0.41	< 0.41
Di-isopropyl ether	NE	NE	< 1.1	NA	< 0.28	< 2.8	< 0.28	< 0.28	< 0.28	< 44.0	< 2.8	< 2.8	NA	< 0.28	< 0.28	< 1.1	< 0.28	< 1.1	< 1.4	< 1.4	< 0.28	< 1.1	< 0.28	< 0.28
Dichlorodifluoromethane	200	1000	< 0.46	NA	< 0.67	< 1.1	< 0.67	< 0.67	< 0.67	< 18.2	< 6.7	< 6.7	NA	< 0.67	< 0.67	< 0.46	< 0.67	< 0.46	< 3.4	< 3.4	< 0.67	< 0.46	< 0.67	< 0.67
Ethylbenzene	140	700	< 0.33	NA	< 0.18	< 0.81	< 0.18	< 0.18	< 0.18	< 13.0	< 1.8	< 1.8	< 0.33	< 0.18	< 0.18	< 0.33	< 0.18	2.8	7.7	6.8	14	< 0.33	< 0.18	< 0.18
Isopropylbenzene	NE	NE	< 1.0	NA	< 0.39 J-	< 2.5	< 0.39	< 0.39 J-	< 0.39 J-	< 40.0	< 3.9	< 3.9 J-	NA	< 0.39	< 0.39 J-	< 1.0	< 0.39 J-	19.6	26	24	19 J-	< 1.0	< 0.39 J-	< 0.39 J-
m,p-Xylene	400	2000	< 0.70	NA	< 0.18	< 1.8	< 0.18	< 0.18	< 0.18	< 28.0	< 1.8	< 1.8	NA	< 0.18	< 0.18	< 0.70	< 0.18	6.7	10	9.6	8.1	< 0.70	< 0.18	< 0.18
Methyl tert-butyl ether	12	60	< 1.1	NA	< 0.39	< 2.8	< 0.39	< 0.39	< 0.39	< 45.2	< 3.9	< 3.9	NA	< 0.39	< 0.39	< 1.1	< 0.39	< 1.1	< 2.0	< 2.0	< 0.39	< 1.1	< 0.39	< 0.39
Methylene chloride	0.5	5	< 0.32	NA	< 1.6	< 0.80	< 1.6	< 1.6	< 2.3 U	< 12.8	< 16	< 16	NA	< 1.6	< 1.6	< 0.32	< 1.6	< 0.32	< 8.2	< 8.2	< 1.6	< 0.32	< 1.6	< 2.2 U
Naphthalene	10	100	< 1.1	NA	< 0.34	< 2.8	< 0.34 UJ	< 0.34	< 0.34	< 45.2	< 3.4 UJ	< 3.4	NA	< 0.34 UJ	< 0.34	< 1.1	< 0.34	1.5 J	3.0 J	2.8 J	5.0	< 1.1	< 0.34	< 0.34
n-Butylbenzene	NE	NE	< 0.86	NA	< 0.39	< 2.1	< 0.39	< 0.39	< 0.39	< 34.3	< 3.9	< 3.9	NA	< 0.39	< 0.39	< 0.86	< 0.39	1.7	< 1.9	< 1.9	< 0.39	< 0.86	< 0.39	< 0.39
n-Hexane	120	600	< 1.5	NA	< 0.49 UJ	< 3.7	< 0.49	< 0.49 UJ	< 0.49 UJ	< 58.5	< 4.9	< 4.9 UJ	< 1.5	< 0.49	< 0.49 UJ	< 1.5	< 0.49 UJ	1.8 J	< 2.5	< 2.5	< 0.49 UJ	< 1.5	< 0.49 UJ	< 0.49 UJ
n-Propylbenzene	NE	NE	< 0.35	NA	< 0.41	< 0.86	< 0.41	< 0.41	< 0.41	< 13.8	< 4.1	< 4.1	NA	< 0.41	< 0.41	< 0.35	< 0.41	5.1	8.9	8.0	7.4	< 0.35	< 0.41	< 0.41
o-Xylene	400	2000	< 0.35	NA	< 0.22	< 0.87	< 0.22	< 0.22	< 0.22	< 13.9	< 2.2	< 2.2	NA	< 0.22	< 0.22	< 0.35	< 0.22	0.50 J	< 1.1	< 1.1	0.59	< 0.35	< 0.22	< 0.22
p-Isopropyltoluene	NE	NE	< 1.0	NA	< 0.36	< 2.6	< 0.36	< 0.36	< 0.36	< 41.8	< 3.6	< 3.6	NA	< 0.36	< 0.36	< 1.0	< 0.36	< 1.0	5.3	5.0	1.5	< 1.0	< 0.36	< 0.36
sec-Butylbenzene	NE	NE	< 0.42	NA	< 0.40	< 1.1	< 0.40	< 0.40	< 0.40	< 17.0	< 4.0	< 4.0	NA	< 0.40	< 0.40	< 0.42	< 0.40	2.6	3.4 J	2.7 J	2.7	< 0.42	< 0.40	< 0.40
Styrene	10	100	< 0.36	NA	< 0.39	< 0.89	< 0.39	< 0.39	< 0.39	< 14.3	< 3.9	< 3.9	NA	< 0.39	< 0.39	< 0.36	< 0.39	0.52 J	4.6 J	4.6 J	0.91 J	< 0.36	< 0.39	< 0.39
tert-Butylbenzene	NE	NE	< 0.59	NA	< 0.40	< 1.5	< 0.40	< 0.40	< 0.40	< 23.4	< 4.0	< 4.0	NA	< 0.40	< 0.40	< 0.59	< 0.40	< 0.59	< 2.0	< 2.0	0.46 J	< 0.59	< 0.40	< 0.40
Tetrachloroethene	0.5	5	***66.2***	NA	***37***	***263***	***340***	***290***	***270***	***2840***	***4300***	***4700***	< 0.41	< 0.37	< 0.37	< 0.41	< 0.37	< 0.41	< 1.9	***2.1 J***	< 0.37	< 0.41	< 0.37	< 0.37
Toluene	160	800	< 0.29	NA	< 0.15	< 0.72	< 0.15	< 0.15	< 0.15	< 11.5	< 1.5	< 1.5	< 0.29	< 0.15	< 0.15	< 0.29	< 0.15	12.0	18	17	14	< 0.29	< 0.15	< 0.15
trans-1,2-Dichloroethene	20	100	< 0.53	NA	< 0.35	< 1.3	< 0.35	< 0.35	< 0.35	< 21.1	< 3.5	< 3.5	NA	< 0.35	< 0.35	< 0.53	< 0.35	< 0.53	< 1.7	< 1.7	< 0.35	< 0.53	< 0.35	< 0.35
Trichloroethene	0.5	5	< 0.32	NA	< 0.16	***4.5***	***5.5***	***3.8***	***4***	***37.8 J***	***53***	***50***	< 0.32	< 0.16	< 0.16	< 0.32	< 0.16	***10***	***14***	***14***	***6.3***	< 0.32	< 0.16	< 0.16
Trichlorofluoromethane	698	3490	< 0.42	NA	< 0.43	< 1.0	< 0.43	< 0.43	< 0.43	< 16.7	< 4.3	< 4.3	NA	< 0.43	< 0.43	< 0.42	< 0.43	< 0.42	< 2.1	< 2.1	< 0.43	1.8	< 0.43	1.6
Vinyl chloride	0.02	0.2	< 0.17	NA	< 0.20	< 0.44	< 0.20	< 0.20	< 0.20	< 7.0	< 2.0	< 2.0	< 0.17	< 0.20	< 0.20	< 0.17	< 0.20	< 0.17	< 1.0	< 1.0	< 0.20	< 0.17	< 0.20	< 0.20
Xylenes, Total	400	2000	< 1.0	NA	< 0.22	< 2.6	< 0.22	< 0.22	< 0.22	< 41.9	< 2.2	< 2.2	< 1.0	< 0.22	< 0.22	< 1.0	< 0.22	7.2	10	9.6	8.7	< 1.0	< 0.22	< 0.22
Total PCBs																								
Aroclor-1016	0.003	0.03	< 0.23	< 0.0047	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	< 0.23	< 0.0052	< 0.0055	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	< 0.23	< 0.0035	< 0.0037	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	< 0.23	< 0.0079	< 0.0084	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	960	734	596	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	3.3	< 1.9	< 1.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 6.

Table 7: Groundwater Analytical Results Summary - 2023
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-9D2	MW-9D2	MW-9D2	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-14	MP-14	MP-14	MP-14	MP-14
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	64 - 69 ft	64 - 69 ft	64 - 69 ft	44 - 48 ft	44 - 48 ft	67 - 71 ft	67 - 71 ft	81 - 85 ft	81 - 85 ft	102 - 106 ft	102 - 106 ft	121 - 125 ft	121 - 125 ft	135 - 139 ft	135 - 139 ft	163 - 167 ft	163 - 167 ft	100 - 105 ft	100 - 105 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/19/2022	4/11/2023	10/12/2023	10/18/2022	10/10/2023	10/18/2022	10/10/2023	10/18/2022	10/9/2023	10/18/2022	10/9/2023	10/17/2022	10/9/2023	10/17/2022	10/9/2023	10/17/2022	10/9/2023	10/18/2022	10/10/2023	10/18/2022	4/10/2023	10/10/2023
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 1.8	< 0.46	< 0.46	< 0.89	< 0.46	< 0.36	< 0.46	< 1.4	< 0.46	< 3.6	< 0.92	< 1.8	< 0.46	< 14.2	< 2.3	< 0.89	< 0.46	< 0.36	< 0.46	< 0.36	< 0.46	< 0.46
1,1,1-Trichloroethane	40	200	< 1.5	< 0.38	< 0.38	< 0.76	< 0.38	< 0.30	< 0.38	< 1.2	< 0.38	< 3.0	< 0.76	< 1.5	< 0.38	< 12.1	< 1.9	< 0.76	< 0.38	< 0.30	< 0.38	< 0.30	< 0.38	< 0.38
1,1,2-Trichloroethane	0.5	5	< 1.7	< 0.35	< 0.35	< 0.86	< 0.35	< 0.34	< 0.35	< 1.4	< 0.35	< 3.4	< 0.70	< 1.7	< 0.35	< 13.8	< 1.8	< 0.86	< 0.35	< 0.34	< 0.35	< 0.34	< 0.35	< 0.35
1,1-Dichloroethene	0.7	7	< 2.9	< 0.39	< 0.39	< 1.5	< 0.39	< 0.58	< 0.39	< 2.3	< 0.39	< 5.8	< 0.78	< 2.9	< 0.39	< 23.3	< 2.0	< 1.5	< 0.39	< 0.58	< 0.39	< 0.58	< 0.39	< 0.39
1,2,4-Trimethylbenzene	96	480	< 2.2	< 0.73 U	< 0.36	< 1.1	< 0.36	< 0.45	< 0.36	< 1.8	< 0.36	< 4.5	< 0.72	< 2.2	< 0.36	< 17.9	< 1.8	< 1.1	< 0.36	< 0.45	< 0.36	< 0.45	< 0.36	< 0.36
1,2-Dibromoethane	0.005	0.05	< 1.5	< 0.39	< 0.39	< 0.77	< 0.39	< 0.31	< 0.39	< 1.2	< 0.39	< 3.1	< 0.77	< 1.5	< 0.39	< 12.4	< 1.9	< 0.77	< 0.39	< 0.31	< 0.39	< 0.31	< 0.39	< 0.39
1,2-Dichlorobenzene	60	600	< 1.6	< 0.33	< 0.33	< 0.81	< 0.33	< 0.33	< 0.33	< 1.3	< 0.33	< 3.3	< 0.67	< 1.6	< 0.33	< 13.0	< 1.7	< 0.81	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 1.5	< 0.39	< 0.39	< 0.73	< 0.39	< 0.29	< 0.39	< 1.2	< 0.39	< 2.9	< 0.78	< 1.5	< 0.39	< 11.7	< 2.0	< 0.73	< 0.39	< 0.29	< 0.39	< 0.29	< 0.39	< 0.39
1,2-Dichloropropane	0.5	5	< 2.2	< 0.43	< 0.43	< 1.1	< 0.43	< 0.45	< 0.43	< 1.8	< 0.43	< 4.5	< 0.86	< 2.2	< 0.43	< 17.9	< 2.1	< 1.1	< 0.43	< 0.45	< 0.43	< 0.45	< 0.43	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 5.1	< 0.46	< 0.46	< 2.5	< 0.46	< 1.0	< 0.46	< 4.1	< 0.46	< 10.2	< 0.92	< 5.1	< 0.46	< 40.7	< 2.3	< 2.5	< 0.46	< 1.0	< 0.46	< 1.0	< 0.46 UJ	< 0.46
1,2,4-Trichlorobenzene	14	70	< 4.8	< 0.34	< 0.34	< 2.4	< 0.34	< 0.95	< 0.34	< 3.8	< 0.34	< 9.5	< 0.68	< 4.8	< 0.34	< 38.0	< 1.7	< 2.4	< 0.34	< 0.95	< 0.34	< 0.95	< 0.34 UJ	< 0.34
1,3,5-Trimethylbenzene	96	480	< 1.8	< 0.25	< 0.25	< 0.89	< 0.25	< 0.36	< 0.25	< 1.4	< 0.25	< 3.6	< 0.51	< 1.8	< 0.25	< 14.3	< 1.3	< 0.89	< 0.25	< 0.36	< 0.25	< 0.36	< 0.25	< 0.25
2-Butanone	800	4000	< 32.6	< 2.1 UJ	< 2.1	< 16.3	< 2.1	< 6.5	< 2.1	< 26.1	< 2.1	< 65.2	< 4.2	< 32.6	< 2.1	< 261	< 11	< 16.3	< 2.1	< 6.5	< 2.1	< 6.5	< 2.1	< 2.1
2-Hexanone	NE	NE	< 31.4	< 1.6 UJ	< 1.6	< 15.7	< 1.6	< 6.3	< 1.6	< 25.1	< 1.6	< 62.8	< 3.1	< 31.4	< 1.6	< 251	< 7.8	< 15.7	< 1.6	< 6.3	< 1.6	< 6.3	< 1.6	< 1.6
4-Methyl-2-pentanone	50	500	< 29.8	< 2.2 UJ	< 2.2	< 14.9	< 2.2	< 6.0	< 2.2	< 23.8	< 2.2	< 59.5	< 4.3	< 29.8	< 2.2	< 238	< 11	< 14.9	< 2.2	< 6.0	< 2.2	< 6.0	< 2.2	< 2.2
Acetone	1800	9000	< 43.2	4.8 J	< 1.7	< 21.6	< 3.2 U	< 8.6	< 4.4 U	< 34.6	< 1.7	< 86.4	< 7.2 U	< 43.2	< 2.6 U	< 346	< 8.7	< 21.6	17 J	< 8.6	< 1.7	< 8.6	< 4.2 U	< 1.7
Benzene	0.5	5	< 1.5	0.15 J	< 0.15	< 0.74	< 0.15	< 0.30	< 0.15	< 1.2	< 0.15	< 3.0	< 0.29	< 1.5	< 0.15	< 11.8	< 0.73	< 0.74	< 0.15	< 0.30	< 0.15	< 0.30	< 0.15	< 0.15
Bromodichloromethane	0.06	0.6	< 2.1	< 0.37	< 0.37	< 1.0	< 0.37	< 0.42	< 0.37	< 1.7	< 0.37	< 4.2	< 0.74	< 2.1	< 0.37	< 16.6	< 1.9	< 1.0	< 0.37	< 0.42	< 0.37	< 0.42	< 0.37	< 0.37
Bromoform	0.44	4.4	< 19.0	< 0.48	< 0.48	< 9.5	< 0.48	< 3.8	< 0.48	< 15.2	< 0.48	< 38.0	< 0.97	< 19.0	< 0.48	< 152	< 2.4	< 9.5	< 0.48	< 3.8	< 0.48	< 3.8	< 0.48	< 0.48
Bromomethane	1	10	< 6.0	< 0.80 UJ	< 0.80	< 3.0	< 0.80	< 1.2	< 0.80	< 4.8	< 0.80	< 11.9	< 1.6	< 6.0	< 0.80	< 47.7	< 4.0	< 3.0	< 0.80	< 1.2	< 0.80	< 1.2	< 0.80 UJ	< 0.80
Carbon disulfide	200	1000	< 5.5	< 0.45	< 0.45	< 2.8	< 0.45	< 1.1	< 0.45	< 4.4	< 0.45	< 11.0	< 0.90	< 5.5	< 0.45	< 44.1	< 2.2	< 2.8	< 0.45	< 1.1	< 0.45	< 1.1	< 0.45	< 0.45
Carbon tetrachloride	0.5	5	< 1.8	< 0.38	< 0.38	< 0.92	< 0.38	< 0.37	< 0.38	< 1.5	< 0.38	< 3.7	< 0.77	< 1.8	< 0.38	< 14.8	< 1.9	< 0.92	< 0.38	< 0.37	< 0.38	< 0.37	< 0.38	< 0.38
Chloroethane	80	400	< 6.9	< 0.51	< 0.51	< 3.4	< 0.51	< 1.4	< 0.51	< 5.5	< 0.51	< 13.8	< 1.0	< 6.9	< 0.51	< 55.2	< 2.5	< 3.4	< 0.51	< 1.4	< 0.51	< 1.4	< 0.51 UJ	< 0.51
Chloroform	0.6	6	< 5.9	< 0.37	< 0.37	< 3.0	0.52 J	< 1.2	< 0.37	< 4.7	< 0.37	< 11.8	< 0.74	< 5.9	< 0.37	< 47.3	< 1.9	< 3.0	< 0.37	< 1.2	< 0.37	< 1.2	< 0.37	< 0.37
Chloromethane	3	30	< 8.2	< 1.3 U	< 0.32	< 4.1	< 0.32	< 1.6	< 0.32	< 6.5	< 0.32	< 16.4	< 0.64	< 8.2	< 0.32	< 65.4	< 1.6	< 4.1	< 0.32	< 1.6	< 0.32	< 1.6	< 0.32	< 0.32
cis-1,2-Dichloroethene	7	70	***85.8***	***93***	***95***	***28***	***40***	1.2	0.96 J	***156***	***190***	***50.4***	***68***	***29.3***	***26***	***88.8***	***110***	***27.2***	***29***	< 0.47	< 0.41	1.9	1.4	1.2
Di-isopropyl ether	NE	NE	< 5.5	< 0.28	< 0.28	< 2.8	< 0.28	< 1.1	< 0.28	< 4.4	< 0.28	< 11.0	< 0.55	< 5.5	0.69 J	< 44.0	< 1.4	< 2.8	< 0.28	< 1.1	< 0.28	< 1.1	< 0.28	< 0.28
Dichlorodifluoromethane	200	1000	< 2.3	< 0.67	< 0.67	< 1.1	< 0.67	< 0.46	< 0.67	< 1.8	< 0.67	< 4.6	< 1.3	< 2.3	< 0.67	< 18.2	< 3.4	< 1.1	< 0.67	< 0.46	< 0.67	< 0.46	< 0.67	< 0.67
Ethylbenzene	140	700	< 1.6	< 0.18	< 0.18	< 0.81	< 0.18	< 0.33	< 0.18	< 1.3	< 0.18	< 3.3	< 0.37	< 1.6	< 0.18	< 13.0	< 0.92	< 0.81	< 0.18	< 0.33	< 0.18	< 0.33	< 0.18	< 0.18
Isopropylbenzene	NE	NE	< 5.0	< 0.39	< 0.39 J-	< 2.5	< 0.39 J-	< 1.0	< 0.39 J-	< 4.0	< 0.39 J-	< 10.0	< 0.77 J-	< 5.0	< 0.39 J-	< 40.0	< 1.9 J-	< 2.5	< 0.39 J-	< 1.0	< 0.39 J-	< 1.0	< 0.39 J-	< 0.39 J-
m,p-Xylene	400	2000	< 3.5	< 0.18	< 0.18	< 1.8	< 0.18	< 0.70	< 0.18	< 2.8	< 0.18	< 7.0	< 0.36	< 3.5	< 0.18	< 28.0	< 0.91	< 1.8	< 0.18	< 0.70	< 0.18	< 0.70	< 0.18	< 0.18
Methyl tert-butyl ether	12	60	***23.6 J***	7.0	6.3	< 2.8	< 0.39	< 1.1	< 0.39	< 4.5	< 0.39	< 11.3	< 0.79	< 5.6	< 0.39	< 45.2	< 2.0	< 2.8	< 0.39	< 1.1	< 0.39	< 1.1	< 0.39	< 0.39
Methylene chloride	0.5	5	< 1.6	< 1.6	< 2.4 U	< 0.80	< 1.7 U	< 0.32	< 1.6	< 1.3	< 1.6 U	< 3.2	< 3.3	< 1.6	< 1.6	< 12.8	< 8.2	< 0.80	< 1.6	< 0.32	< 1.6	< 0.32	< 1.6	< 1.6
Naphthalene	10	100	< 5.6	< 0.34	< 0.34	< 2.8	< 0.34	< 1.1	< 0.34	< 4.5	< 0.34	< 11.3	< 0.67	< 5.6	< 0.34	< 45.2	< 1.7	< 2.8	< 0.34	< 1.1	< 0.34	< 1.1	< 0.34 UJ	< 0.34
n-Butylbenzene	NE	NE	< 4.3	< 0.39	< 0.39	< 2.1	< 0.39	< 0.86	< 0.39	< 3.4	< 0.39	< 8.6	< 0.78	< 4.3	< 0.39	< 34.3	< 1.9	< 2.1	< 0.39	< 0.86	< 0.39	< 0.86	< 0.39	< 0.39
n-Hexane	120	600	< 7.3	< 0.49	< 0.49 UJ	< 3.7	< 0.49 UJ	< 1.5	< 0.49 UJ	< 5.8	< 0.49 UJ	< 14.6	< 0.98 UJ	< 7.3	< 0.49 UJ	< 58.5	< 2.5 UJ	< 3.7	< 0.49 UJ	< 1.5	< 0.49 UJ	< 1.5	< 0.49	< 0.49 UJ
n-Propylbenzene	NE	NE	< 1.7	< 0.41	< 0.41	< 0.86	< 0.41	< 0.35	< 0.41	< 1.4	< 0.41	< 3.5	< 0.83	< 1.7	< 0.41	< 13.8	< 2.1	< 0.86	< 0.41	< 0.35	< 0.41	< 0.35	< 0.41	< 0.41
o-Xylene	400	2000	< 1.7	< 0.22	< 0.22	< 0.87	< 0.22	< 0.35	< 0.22	< 1.4	< 0.22	< 3.5	< 0.44	< 1.7	< 0.22	< 13.9	< 1.1	< 0.87	< 0.22	< 0.35	< 0.22	< 0.35	< 0.22	< 0.22
p-Isopropyltoluene	NE	NE	< 5.2	< 0.36	< 0.36	< 2.6	< 0.36	< 1.0	< 0.36	< 4.2	< 0.36	< 10.4	< 0.72	< 5.2	< 0.36	< 41.8	< 1.8	< 2.6	< 0.36	< 1.0	< 0.36	< 1.0	< 0.36	< 0.36
sec-Butylbenzene	NE	NE	< 2.1	< 0.40	< 0.40	< 1.1	< 0.40	< 0.42	< 0.40	< 1.7	< 0.40	< 4.2	< 0.80	< 2.1	< 0.40	< 17.0	< 2.0	< 1.1	< 0.40	< 0.42	< 0.40	< 0.42	< 0.40	< 0.40
Styrene	10	100	< 1.8	< 0.39	< 0.39	< 0.89	< 0.39	< 0.36	< 0.39	< 1.4	< 0.39	< 3.6	< 0.77	< 1.8	< 0.39	< 14.3	< 1.9	< 0.89	< 0.39	< 0.36	< 0.39	< 0.36	< 0.39	< 0.39
tert-Butylbenzene	NE	NE	< 2.9	< 0.40	< 0.40	< 1.5	< 0.40	< 0.59	< 0.40	< 2.3	< 0.40	< 5.9	< 0.80	< 2.9	< 0.40	< 23.4	< 2.0	< 1.5	< 0.40	< 0.59	< 0.40	< 0.59	< 0.40	< 0.40
Tetrachloroethene	0.5	5	***231***	***270***	***300***	***194***	***160***	***24.5***	***18***	***344***	***550***	***666***	***700***	***463***	***480***	***2170***	***2900***	***209***	***210***	***1.0 J***	***0.93 J***	***69.4***	***51***	***48***
Toluene	160	800	< 1.4	< 0.15	< 0.15	< 0.72	< 0.15	< 0.29	< 0.15	< 1.2	< 0.15	< 2.9	< 0.30	< 1.4	< 0.15	< 11.5	< 0.76	< 0.72	< 0.15	< 0.29	< 0.15	< 0.29	< 0.15	< 0.15
trans-1,2-Dichloroethene	20	100	< 2.6	1.6	< 0.35	< 1.3	0.77 J	< 0.53	< 0.35	3.3 J	2.1	< 5.3	0.89 J	< 2.6	0.54 J	< 21.1	1.8 J	< 1.3	< 0.35	< 0.53	< 0.35	< 0.53	< 0.35	< 0.35
Trichloroethene	0.5	5	***41.3***	***63***	***53***	***38.7***	***41***	***1.9***	***1.3***	***85.9***	***110***	***87.3***	***95***	***39.4***	***35***	***134***	***200***	***18.5***	***21***	< 0.32	< 0.16	***3.5***	***2.8***	***2.6***
Trichlorofluoromethane	698	3490	< 2.1	< 0.43	< 0.43	< 1.0	< 0.43	< 0.42	< 0.43	< 1.7	< 0.43	< 4.2	< 0.85	< 2.1	< 0.43	< 16.7	< 2.1	< 1.0	< 0.43	< 0.42	< 0.43	< 0.42	< 0.43	< 0.43
Vinyl chloride	0.02	0.2	***1.8 J***	***2.2***	***0.91 J***	< 0.44	***0.60 J***	< 0.17	< 0.20	***3.4 J***	***3.9 J***	< 1.7	< 0.41	< 0.87	< 0.20	< 7.0	< 1.0	< 0.44	< 0.20	< 0.17	< 0.20	< 0.17	< 0.20	< 0.20
Xylenes, Total	400	2000	< 5.2	< 0.22	< 0.22	< 2.6	< 0.22	< 1.0	< 0.22	< 4.2	< 0.22	< 10.5	< 0.44	< 5.2	< 0.22	< 41.9	< 1.1	< 2.6	< 0.22	< 1.0	< 0.22	< 1.0	< 0.22	< 0.22
Total PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 6.

Table 7: Groundwater Analytical Results Summary - 2023
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-14	MP-14	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	170 - 178 ft	170 - 178 ft	88 - 92 ft	88 - 92 ft	100 - 105 ft	100 - 105 ft	120 - 125 ft	120 - 125 ft	142 - 146 ft	142 - 146 ft	177 - 187 ft	177 - 187 ft	106 - 116 ft	106 - 116 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	175 - 179 ft	175 - 179 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/18/2022	10/10/2023	10/18/2022	10/10/2023	10/18/2022	10/10/2023	10/18/2022	10/10/2023	10/18/2022	10/10/2023	10/18/2022	10/10/2023	10/18/2022	10/10/2023	10/18/2022	4/10/2023	10/10/2023	10/18/2022	10/10/2023
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	< 7.1	< 0.92	< 1.8	< 0.46	< 1.8	< 0.46	< 3.6	< 0.46	< 7.1	< 0.92	< 0.36	< 0.46	< 0.36	< 0.46	< 0.36	< 0.46	< 0.46	< 0.36	< 0.46
1,1,1-Trichloroethane	40	200	< 6.1	< 0.76	< 1.5	< 0.38	< 1.5	< 0.38	< 3.0	< 0.38	< 6.1	< 0.76	< 0.30	< 0.38	< 0.30	< 0.38	< 0.30	< 0.38	< 0.38	< 0.30	< 0.38
1,1,2-Trichloroethane	0.5	5	< 6.9	< 0.70	< 1.7	< 0.35	< 1.7	< 0.35	< 3.4	< 0.35	< 6.9	< 0.70	< 0.34	< 0.35	< 0.34	< 0.35	< 0.34	< 0.35	< 0.35	< 0.34	< 0.35
1,1-Dichloroethene	0.7	7	< 11.6	< 0.78	< 2.9	< 0.39	< 2.9	< 0.39	< 5.8	< 0.39	< 11.6	< 0.78	< 0.58	< 0.39	< 0.58	< 0.39	< 0.58	< 0.39	< 0.39	< 0.58	< 0.39
1,2,4-Trimethylbenzene	96	480	< 9.0	< 0.72	< 2.2	< 0.36	< 2.2	< 0.36	< 4.5	< 0.36	< 9.0	< 0.72	< 0.45	< 0.36	< 0.45	< 0.36	< 0.45	< 0.36	< 0.36	< 0.45	< 0.36
1,2-Dibromoethane	0.005	0.05	< 6.2	< 0.77	< 1.5	< 0.39	< 1.5	< 0.39	< 3.1	< 0.39	< 6.2	< 0.77	< 0.31	< 0.39	< 0.31	< 0.39	< 0.31	< 0.39	< 0.39	< 0.31	< 0.39
1,2-Dichlorobenzene	60	600	< 6.5	< 0.67	< 1.6	< 0.33	< 1.6	< 0.33	< 3.3	< 0.33	< 6.5	< 0.67	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 5.8	< 0.78	< 1.5	< 0.39	< 1.5	< 0.39	< 2.9	< 0.39	< 5.8	< 0.78	< 0.29	< 0.39	< 0.29	< 0.39	< 0.29	< 0.39	< 0.39	< 0.29	< 0.39
1,2-Dichloropropane	0.5	5	< 9.0	< 0.86	< 2.2	< 0.43	< 2.2	< 0.43	< 4.5	< 0.43	< 9.0	< 0.86	< 0.45	< 0.43	< 0.45	< 0.43	< 0.45	< 0.43	< 0.43	< 0.45	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 20.4	< 0.92	< 5.1	< 0.46	< 5.1	< 0.46	< 10.2	< 0.46	< 20.4	< 0.92	< 1.0	< 0.46	< 1.0	< 0.46	< 1.0	< 0.46 UJ	< 0.46	< 1.0	< 0.46
1,2,4-Trichlorobenzene	14	70	< 19.0	< 0.68	< 4.8	< 0.34	< 4.8	< 0.34	< 9.5	< 0.34	< 19.0	< 0.68	< 0.95	< 0.34	< 0.95	< 0.34	< 0.95	< 0.34 UJ	< 0.34	< 0.95	< 0.34
1,3,5-Trimethylbenzene	96	480	< 7.1	< 0.51	< 1.8	< 0.25	< 1.8	< 0.25	< 3.6	< 0.25	< 7.1	< 0.51	< 0.36	< 0.25	< 0.36	< 0.25	< 0.36	< 0.25	< 0.25	< 0.36	< 0.25
2-Butanone	800	4000	< 130	< 4.2	< 32.6	< 2.1	< 32.6	< 2.1	< 65.2	< 2.1	< 130	< 4.2	< 6.5	< 2.1	< 6.5	< 2.1	< 6.5	< 2.1	< 2.1	< 6.5	< 2.1
2-Hexanone	NE	NE	< 126	< 3.1	< 31.4	< 1.6	< 31.4	< 1.6	< 62.8	< 1.6	< 126	< 3.1	< 6.3	< 1.6	< 6.3	< 1.6	< 6.3	< 1.6	< 1.6	< 6.3	< 1.6
4-Methyl-2-pentanone	50	500	< 119	< 4.3	< 29.8	< 2.2	< 29.8	< 2.2	< 59.5	< 2.2	< 119	< 4.3	< 6.0	< 2.2	< 6.0	< 2.2	< 6.0	< 2.2	< 2.2	< 6.0	< 2.2
Acetone	1800	9000	< 173	< 3.5	< 43.2	< 1.7	< 43.2	< 1.7	< 86.4	< 1.7	< 173	< 3.5	< 8.6	< 1.7	< 8.6	< 1.7	< 8.6	< 4.4 U	< 1.7	< 8.6	< 1.7
Benzene	0.5	5	< 5.9	< 0.29	< 1.5	< 0.15	< 1.5	< 0.15	< 3.0	< 0.15	< 5.9	< 0.29	< 0.30	< 0.15	< 0.30	< 0.15	< 0.30	0.19 J	< 0.15	< 0.30	< 0.15
Bromodichloromethane	0.06	0.6	< 8.3	< 0.74	< 2.1	< 0.37	< 2.1	< 0.37	< 4.2	< 0.37	< 8.3	< 0.74	< 0.42	< 0.37	< 0.42	< 0.37	< 0.42	< 0.37	< 0.37	< 0.42	< 0.37
Bromoform	0.44	4.4	< 76.0	< 0.97	< 19.0	< 0.48	< 19.0	< 0.48	< 38.0	< 0.48	< 76.0	< 0.97	< 3.8	< 0.48	< 3.8	< 0.48	< 3.8	< 0.48	< 0.48	< 3.8	< 0.48
Bromomethane	1	10	< 23.8	< 1.6	< 6.0	< 0.80	< 6.0	< 0.80	< 11.9	< 0.80	< 23.8	< 1.6	< 1.2	< 0.80	< 1.2	< 0.80	< 1.2	< 0.80 UJ	< 0.80	< 1.2	< 0.80
Carbon disulfide	200	1000	< 22.0	< 0.90	< 5.5	< 0.45	< 5.5	< 0.45	< 11.0	< 0.45	< 22.0	< 0.90	< 1.1	< 0.45	< 1.1	< 0.45	< 1.1	< 0.45	< 0.45	< 1.1	< 0.45
Carbon tetrachloride	0.5	5	< 7.4	< 0.77	< 1.8	< 0.38	< 1.8	< 0.38	< 3.7	< 0.38	< 7.4	< 0.77	< 0.37	< 0.38	< 0.37	< 0.38	< 0.37	< 0.38	< 0.38	< 0.37	< 0.38
Chloroethane	80	400	< 27.6	< 1.0	< 6.9	< 0.51	< 6.9	< 0.51	< 13.8	< 0.51	< 27.6	< 1.0	< 1.4	< 0.51	< 1.4	< 0.51	< 1.4	< 0.51 UJ	< 0.51	< 1.4	< 0.51
Chloroform	0.6	6	< 23.7	< 0.74	< 5.9	< 0.37	< 5.9	< 0.37	< 11.8	< 0.37	< 23.7	< 0.74	< 1.2	< 0.37	< 1.2	< 0.37	< 1.2	< 0.37	< 0.37	< 1.2	< 0.37
Chloromethane	3	30	< 32.7	< 0.64	< 8.2	< 0.32	< 8.2	< 0.32	< 16.4	< 0.32	< 32.7	< 0.64	< 1.6	< 0.32	< 1.6	< 0.32	< 1.6	< 0.32	< 0.32	< 1.6	< 0.32
cis-1,2-Dichloroethene	7	70	***48.1***	***32***	***31.2***	***27***	***36.3***	***30***	***34.7***	***38***	***97***	***89***	< 0.47	< 0.41	4.6	3.6	2.5	2.0	1.7	< 0.47	< 0.41
Di-isopropyl ether	NE	NE	< 22.0	< 0.55	< 5.5	< 0.28	< 5.5	< 0.28	< 11.0	< 0.28	< 22.0	< 0.55	< 1.1	< 0.28	< 1.1	< 0.28	< 1.1	< 0.28	< 0.28	< 1.1	< 0.28
Dichlorodifluoromethane	200	1000	< 9.1	< 1.3	< 2.3	< 0.67	< 2.3	< 0.67	< 4.6	< 0.67	< 9.1	< 1.3	< 0.46	< 0.67	< 0.46	< 0.67	< 0.46	< 0.67	< 0.67	< 0.46	< 0.67
Ethylbenzene	140	700	< 6.5	< 0.37	< 1.6	< 0.18	< 1.6	< 0.18	< 3.3	< 0.18	< 6.5	< 0.37	< 0.33	< 0.18	< 0.33	< 0.18	< 0.33	< 0.18	< 0.18	< 0.33	< 0.18
Isopropylbenzene	NE	NE	< 20.0	< 0.77 J-	< 5.0	< 0.39 J-	< 5.0	< 0.39 J-	< 10.0	< 0.39 J-	< 20.0	< 0.77 J-	< 1.0	< 0.39 J-	< 1.0	< 0.39 J-	< 1.0	< 0.39	< 0.39 J-	< 1.0	< 0.39 J-
m,p-Xylene	400	2000	< 14.0	< 0.36	< 3.5	< 0.18	< 3.5	< 0.18	< 7.0	< 0.18	< 14.0	< 0.36	< 0.70	< 0.18	< 0.70	< 0.18	< 0.70	< 0.18	< 0.18	< 0.70	< 0.18
Methyl tert-butyl ether	12	60	< 22.6	< 0.79	< 5.6	< 0.39	< 5.6	< 0.39	< 11.3	< 0.39	< 22.6	< 0.79	< 1.1	< 0.39	< 1.1	< 0.39	< 1.1	< 0.39	< 0.39	< 1.1	< 0.39
Methylene chloride	0.5	5	< 6.4	< 3.3	< 1.6	< 1.6	< 1.6	< 1.6	< 3.2	< 1.6	< 6.4	< 3.3	< 0.32	< 1.6	< 0.32	< 1.6	< 0.32	< 1.6	< 1.6	< 0.32	< 1.6
Naphthalene	10	100	< 22.6	< 0.67	< 5.6	< 0.34	< 5.6	< 0.34	< 11.3	< 0.34	< 22.6	< 0.67	< 1.1	< 0.34	< 1.1	< 0.34	< 1.1	< 0.34 UJ	< 0.34	< 1.1	< 0.34
n-Butylbenzene	NE	NE	< 17.1	< 0.78	< 4.3	< 0.39	< 4.3	< 0.39	< 8.6	< 0.39	< 17.1	< 0.78	< 0.86	< 0.39	< 0.86	< 0.39	< 0.86	< 0.39	< 0.39	< 0.86	< 0.39
n-Hexane	120	600	< 29.2	< 0.98 UJ	< 7.3	< 0.49 UJ	< 7.3	< 0.49 UJ	< 14.6	< 0.49 UJ	< 29.2	< 0.98 UJ	< 1.5	< 0.49 UJ	< 1.5	< 0.49 UJ	< 1.5	< 0.49	< 0.49 UJ	< 1.5	< 0.49 UJ
n-Propylbenzene	NE	NE	< 6.9	< 0.83	< 1.7	< 0.41	< 1.7	< 0.41	< 3.5	< 0.41	< 6.9	< 0.83	< 0.35	< 0.41	< 0.35	< 0.41	< 0.35	< 0.41	< 0.41	< 0.35	< 0.41
o-Xylene	400	2000	< 7.0	< 0.44	< 1.7	< 0.22	< 1.7	< 0.22	< 3.5	< 0.22	< 7.0	< 0.44	< 0.35	< 0.22	< 0.35	< 0.22	< 0.35	< 0.22	< 0.22	< 0.35	< 0.22
p-Isopropyltoluene	NE	NE	< 20.9	< 0.72	< 5.2	< 0.36	< 5.2	< 0.36	< 10.4	< 0.36	< 20.9	< 0.72	< 1.0	< 0.36	< 1.0	< 0.36	< 1.0	< 0.36	< 0.36	< 1.0	< 0.36
sec-Butylbenzene	NE	NE	< 8.5	< 0.80	< 2.1	< 0.40	< 2.1	< 0.40	< 4.2	< 0.40	< 8.5	< 0.80	< 0.42	< 0.40	< 0.42	< 0.40	< 0.42	< 0.40	< 0.40	< 0.42	< 0.40
Styrene	10	100	< 7.1	< 0.77	< 1.8	< 0.39	< 1.8	< 0.39	< 3.6	< 0.39	< 7.1	< 0.77	< 0.36	< 0.39	< 0.36	< 0.39	< 0.36	< 0.39	< 0.39	< 0.36	< 0.39
tert-Butylbenzene	NE	NE	< 11.7	< 0.80	< 2.9	< 0.40	< 2.9	< 0.40	< 5.9	< 0.40	< 11.7	< 0.80	< 0.59	< 0.40	< 0.59	< 0.40	< 0.59	< 0.40	< 0.40	< 0.59	< 0.40
Tetrachloroethene	0.5	5	***1410***	***1000***	***301***	***290***	***1050***	***580***	***1000***	***810***	***1480***	***1700***	***4.4***	***4***	***53.9***	***45***	***64.4***	***54***	***52***	***4.2***	***3.7***
Toluene	160	800	< 5.8	< 0.30	< 1.4	< 0.15	< 1.4	< 0.15	< 2.9	< 0.15	< 5.8	< 0.30	< 0.29	< 0.15	< 0.29	< 0.15	< 0.29	0.24 J	< 0.15	< 0.29	< 0.15
trans-1,2-Dichloroethene	20	100	< 10.6	< 0.70	< 2.6	< 0.35	< 2.6	< 0.35	< 5.3	< 0.35	< 10.6	< 0.70	< 0.53	< 0.35	< 0.53	< 0.35	< 0.53	< 0.35	< 0.35	< 0.53	< 0.35
Trichloroethene	0.5	5	***106***	***73***	***25.1***	***22***	***65.3***	***55***	***59.1***	***67***	***114***	***120***	< 0.32	0.25 J	***6.1***	***6.1***	***11***	***9.7***	***9.3***	0.45 J	***0.58***
Trichlorofluoromethane	698	3490	< 8.4	< 0.85	< 2.1	< 0.43	< 2.1	< 0.43	< 4.2	< 0.43	< 8.4	< 0.85	< 0.42	< 0.43	< 0.42	< 0.43	< 0.42	< 0.43	< 0.43	< 0.42	< 0.43
Vinyl chloride	0.02	0.2	< 3.5	< 0.41	< 0.87	< 0.20	< 0.87	< 0.20	< 1.7	< 0.20	< 3.5	< 0.41	< 0.17	< 0.20	< 0.17	< 0.20	< 0.17	< 0.20	< 0.20	< 0.17	< 0.20
Xylenes, Total	400	2000	< 21.0	< 0.44	< 5.2	< 0.22	< 5.2	< 0.22	< 10.5	< 0.22	< 21.0	< 0.44	< 1.0	< 0.22	< 1.0	< 0.22	< 1.0	< 0.22	< 0.22	< 1.0	< 0.22
Total PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																					
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary - 2023
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-17	MW-17[3]	MW-17	MW-17	MW-25D	MW-25D	MW-25D2	MW-25D2	MW-25D2	MW-25D2[3]	MW-27D	MW-27D	MW-27D	MW-27D2	MW-27D2	MW-28	MW-28[3]	MW-28	MW-29S	MW-29D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	120 - 130 ft	120 - 130 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	170 - 180 ft	170 - 180 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	24.6 - 34.4 ft	45.2 - 50.2 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/21/2022	10/21/2022	4/13/2023	10/12/2023	10/19/2022	10/11/2023	10/19/2022	4/11/2023	10/11/2023	10/12/2023	10/20/2022	4/11/2023	10/11/2023	10/20/2022	10/11/2023	10/24/2022	10/24/2022	10/16/2023	10/24/2022	10/24/2022
VOCs																						
1,1,1,2-Tetrachloroethane	7	70	< 3.6	< 1.8	< 0.46	< 0.46	< 0.36	< 0.46	< 0.36	< 0.46	< 0.46	< 0.46	< 0.36	< 0.46	< 0.46	< 0.36	< 0.46	< 3.6	< 7.1	< 0.46	NA	NA
1,1,1-Trichloroethane	40	200	< 3.0	< 1.5	< 0.38	< 0.38	< 0.30	< 0.38	< 0.30	< 0.38	< 0.38	< 0.38	< 0.30	< 0.38	< 0.38	< 0.30	< 0.38	< 3.0	< 6.1	< 0.38	NA	NA
1,1,2-Trichloroethane	0.5	5	< 3.4	< 1.7	< 0.35	< 0.35	< 0.34	< 0.35	< 0.34	< 0.35	< 0.35	< 0.35	< 0.34	< 0.35	< 0.35	< 0.34	< 0.35	< 3.4	< 6.9	< 0.35	NA	NA
1,1-Dichloroethene	0.7	7	< 5.8	< 2.9	< 0.39	0.54 J	< 0.58	< 0.39	< 0.58	< 0.39	< 0.39	< 0.39	< 0.58	< 0.39	< 0.39	< 0.58	< 0.39	< 5.8	< 11.6	< 0.39	NA	NA
1,2,4-Trimethylbenzene	96	480	< 4.5	< 2.2	< 0.73 U	< 0.36	< 0.45	< 0.36	< 0.45	< 0.74 U	< 0.36	< 0.36	< 0.45	< 0.73 U	< 0.36	< 0.45	< 0.36	< 4.5	< 9.0	< 0.36	NA	NA
1,2-Dibromoethane	0.005	0.05	< 3.1	< 1.5	< 0.39	< 0.39	< 0.31	< 0.39	< 0.31	< 0.39	< 0.39	< 0.39	< 0.31	< 0.39	< 0.39	< 0.31	< 0.39	< 3.1	< 6.2	< 0.39	NA	NA
1,2-Dichlorobenzene	60	600	< 3.3	< 1.6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 3.3	< 6.5	< 0.33	NA	NA
1,2-Dichloroethane	0.5	5	< 2.9	< 1.5	< 0.39	< 0.39	< 0.29	< 0.39	< 0.29	< 0.39	< 0.39	< 0.39	< 0.29	< 0.39	< 0.39	< 0.29	< 0.39	< 2.9	< 5.8	< 0.39	NA	NA
1,2-Dichloropropane	0.5	5	< 4.5	< 2.2	< 0.43	< 0.43	< 0.45	< 0.43	< 0.45	< 0.43	< 0.43	< 0.43	< 0.45	< 0.43	< 0.43	< 0.45	< 0.43	< 4.5	< 9.0	< 0.43	NA	NA
1,2,3-Trichlorobenzene	NE	NE	< 10.2	< 5.1	< 0.46	< 0.46	< 1.0	< 0.46	< 1.0	< 0.46	< 0.46	< 0.46	< 1.0	< 0.46	< 0.46	< 1.0	< 0.46	< 10.2	< 20.4	< 0.46	NA	NA
1,2,4-Trichlorobenzene	14	70	< 9.5	< 4.8	< 0.34	< 0.34	< 0.95	< 0.34	< 0.95	< 0.34	< 0.34	< 0.34	< 0.95	< 0.34	< 0.34	< 0.95	< 0.34	< 9.5	< 19.0	< 0.34	NA	NA
1,3,5-Trimethylbenzene	96	480	< 3.6	< 1.8	< 0.25	< 0.25	< 0.36	< 0.25	< 0.36	< 0.78 U	< 0.25	< 0.25	< 0.36	< 0.25	< 0.25	< 0.36	< 0.25	< 3.6	< 7.1	< 0.25	NA	NA
2-Butanone	800	4000	< 65.2	< 32.6	< 2.1 UJ	< 2.1	< 6.5	< 2.1	< 6.5	< 2.1 UJ	< 2.1	< 2.1	< 6.5	< 2.1 UJ	< 2.1	< 6.5	< 2.1	< 65.2	< 130	< 2.1	NA	NA
2-Hexanone	NE	NE	< 62.8	< 31.4	< 1.6 UJ	< 1.6	< 6.3	< 1.6	< 6.3	< 1.6 UJ	< 1.6	< 1.6	< 6.3	< 1.6 UJ	< 1.6	< 6.3	< 1.6	< 62.8	< 126	< 1.6	NA	NA
4-Methyl-2-pentanone	50	500	< 59.5	< 29.8	< 2.2 UJ	< 2.2	< 6.0	< 2.2	< 6.0	< 2.2 UJ	< 2.2	< 2.2	< 6.0	< 2.2 UJ	< 2.2	< 6.0	< 2.2	< 59.5	< 119	< 2.2	NA	NA
Acetone	1800	9000	< 86.4	< 43.2	1.9 J	< 1.7	< 8.6	< 1.7	< 8.6	3.3 J	< 1.7	< 1.7	< 8.6	2.7 J	< 1.7	< 8.6	< 1.7	< 86.4	< 173	< 2.2 U	NA	NA
Benzene	0.5	5	< 3.0	< 1.5	< 0.15	< 0.15	< 0.30	< 0.15	< 0.30	< 0.15	< 0.15	< 0.15	< 0.30	< 0.15	< 0.15	< 0.30	< 0.15	< 3.0	< 5.9	< 0.15	NA	NA
Bromodichloromethane	0.06	0.6	< 4.2	< 2.1	< 0.37	< 0.37	< 0.42	< 0.37	< 0.42	< 0.37	< 0.37	< 0.37	< 0.42	< 0.37	< 0.37	< 0.42	< 0.37	< 4.2	< 8.3	< 0.37	NA	NA
Bromoform	0.44	4.4	< 38.0	< 19.0	< 0.48	< 0.48	< 3.8	< 0.48	< 3.8	< 0.48	< 0.48	< 0.48	< 3.8	< 0.48	< 0.48	< 3.8	< 0.48	< 38.0	< 76.0	< 0.48	NA	NA
Bromomethane	1	10	< 11.9	< 6.0	< 0.80 UJ	< 0.80	< 1.2	< 0.80	< 1.2	< 0.80 UJ	< 0.80	< 0.80	< 1.2	< 0.80 UJ	< 0.80	< 1.2	< 0.80	< 11.9	< 23.8	< 0.80	NA	NA
Carbon disulfide	200	1000	< 11.0	< 5.5	< 0.45	< 0.45	< 1.1	< 0.45	< 1.1	< 0.45	< 0.45	< 0.45	< 1.1	< 0.45	< 0.45	< 1.1	< 0.45	< 11.0	< 22.0	< 0.45	NA	NA
Carbon tetrachloride	0.5	5	< 3.7	< 1.8	***0.81 J***	***0.53 J***	< 0.37	< 0.38	< 0.37	< 0.38	< 0.38	< 0.38	< 0.37	< 0.38	< 0.38	< 0.37	< 0.38	< 3.7	< 7.4	< 0.38	NA	NA
Chloroethane	80	400	< 13.8	< 6.9	< 0.51	< 0.51	< 1.4	< 0.51	< 1.4	< 0.51	< 0.51	< 0.51	< 1.4	< 0.51	< 0.51	< 1.4	< 0.51	< 13.8	< 27.6	< 0.51	NA	NA
Chloroform	0.6	6	< 11.8	< 5.9	< 1.0 U	***0.67 J***	< 1.2	< 0.37	< 1.2	< 0.37	< 0.37	< 0.37	< 1.2	< 0.37	< 0.37	< 1.2	< 0.37	< 11.8	< 23.7	< 0.37	NA	NA
Chloromethane	3	30	< 16.4	< 8.2	< 0.55 U	< 0.32	< 1.6	< 0.32	< 1.6	< 1.3 U	< 0.32	< 0.32	< 1.6	< 0.55 U	< 0.32	< 1.6	< 0.32	< 16.4	< 32.7	0.90 J	NA	NA
cis-1,2-Dichloroethene	7	70	***8.3 J***	6.9	***9.8***	***8***	< 0.47	< 0.41	< 0.47	< 0.41	< 0.41	< 0.41	< 0.47	< 0.41	< 0.41	6.1	3.7	< 4.7	< 9.4	< 0.41	NA	NA
Di-isopropyl ether	NE	NE	< 11.0	< 5.5	< 0.28	< 0.28	< 1.1	< 0.28	< 1.1	< 0.28	< 0.28	< 0.28	< 1.1	< 0.28	< 0.28	< 1.1	< 0.28	< 11.0	< 22.0	< 0.28	NA	NA
Dichlorodifluoromethane	200	1000	< 4.6	< 2.3	< 0.67	< 0.67	< 0.46	< 0.67	< 0.46	< 0.67	< 0.67	< 0.67	< 0.46	< 0.67	< 0.67	< 0.46	< 0.67	< 4.6	< 9.1	< 0.67	NA	NA
Ethylbenzene	140	700	< 3.3	< 1.6	< 0.18	< 0.18	< 0.33	< 0.18	< 0.33	< 0.18	< 0.18	< 0.18	< 0.33	< 0.18	< 0.18	< 0.33	< 0.18	< 3.3	< 6.5	< 0.18	NA	NA
Isopropylbenzene	NE	NE	< 10.0	< 5.0	< 0.39	< 0.39 J-	< 1.0	< 0.39 J-	< 1.0	< 0.39	< 0.39 J-	< 0.39 J-	< 1.0	< 0.39	< 0.39 J-	< 1.0	< 0.39 J-	< 10.0	< 20.0	< 0.39	NA	NA
m,p-Xylene	400	2000	< 7.0	< 3.5	< 0.18	< 0.18	< 0.70	< 0.18	< 0.70	< 0.18	< 0.18	< 0.18	< 0.70	< 0.18	< 0.18	< 0.70	< 0.18	< 7.0	< 14.0	< 0.18	NA	NA
Methyl tert-butyl ether	12	60	< 11.3	< 5.6	< 0.39	< 0.39	< 1.1	< 0.39	< 1.1	< 0.39	< 0.39	< 0.39	< 1.1	< 0.39	< 0.39	< 1.1	< 0.39	< 11.3	< 22.6	< 0.39	NA	NA
Methylene chloride	0.5	5	< 3.2	< 1.6	< 1.6	< 2.4 U	< 0.32	< 2.5 U	< 0.32	< 1.7 U	< 2.3 U	< 2.5 U	< 0.32	< 1.7 U	< 2.4 U	< 0.32	< 2.3 U	< 3.2	< 6.4	< 1.6	NA	NA
Naphthalene	10	100	< 11.3	< 5.6	< 0.34	< 0.34	< 1.1	< 0.34	< 1.1	< 0.34	< 0.34	< 0.34	< 1.1	< 0.34	< 0.34	< 1.1	< 0.34	< 11.3	< 22.6	< 0.34	NA	NA
n-Butylbenzene	NE	NE	< 8.6	< 4.3	< 0.39	< 0.39	< 0.86	< 0.39	< 0.86	< 0.39	< 0.39	< 0.39	< 0.86	< 0.39	< 0.39	< 0.86	< 0.39	< 8.6	< 17.1	< 0.39	NA	NA
n-Hexane	120	600	< 14.6	< 7.3	< 0.49	< 0.49 UJ	< 1.5	< 0.49 UJ	< 1.5	< 0.49	< 0.49 UJ	< 0.49 UJ	< 1.5	< 0.49	< 0.49 UJ	< 1.5	< 0.49 UJ	< 14.6	< 29.2	< 0.49	NA	NA
n-Propylbenzene	NE	NE	< 3.5	< 1.7	< 0.41	< 0.41	< 0.35	< 0.41	< 0.35	< 0.41	< 0.41	< 0.41	< 0.35	< 0.41	< 0.41	< 0.35	< 0.41	< 3.5	< 6.9	< 0.41	NA	NA
o-Xylene	400	2000	< 3.5	< 1.7	< 0.22	< 0.22	< 0.35	< 0.22	< 0.35	< 0.22	< 0.22	< 0.22	< 0.35	< 0.22	< 0.22	< 0.35	< 0.22	< 3.5	< 7.0	< 0.22	NA	NA
p-Isopropyltoluene	NE	NE	< 10.4	< 5.2	< 0.36	< 0.36	< 1.0	< 0.36	< 1.0	< 0.36	< 0.36	< 0.36	< 1.0	< 0.36	< 0.36	< 1.0	< 0.36	< 10.4	< 20.9	< 0.36	NA	NA
sec-Butylbenzene	NE	NE	< 4.2	< 2.1	< 0.40	< 0.40	< 0.42	< 0.40	< 0.42	< 0.40	< 0.40	< 0.40	< 0.42	< 0.40	< 0.40	< 0.42	< 0.40	< 4.2	< 8.5	< 0.40	NA	NA
Styrene	10	100	< 3.6	< 1.8	< 0.39	< 0.39	< 0.36	< 0.39	< 0.36	< 0.39	< 0.39	< 0.39	< 0.36	< 0.39	< 0.39	< 0.36	< 0.39	< 3.6	< 7.1	< 0.39	NA	NA
tert-Butylbenzene	NE	NE	< 5.9	< 2.9	< 0.40	< 0.40	< 0.59	< 0.40	< 0.59	< 0.40	< 0.40	< 0.40	< 0.59	< 0.40	< 0.40	< 0.59	< 0.40	< 5.9	< 11.7	< 0.40	NA	NA
Tetrachloroethene	0.5	5	***1010***	***766***	***950***	***810***	< 0.41	< 0.37	< 0.41	***0.55 J***	< 0.37	< 0.37	***0.66 J***	***1.3***	***0.98 J***	***18.3***	***12***	***814***	***746***	***870***	NA	NA
Toluene	160	800	< 2.9	< 1.4	< 0.15	< 0.15	< 0.29	< 0.15	< 0.29	< 0.15	< 0.15	< 0.15	< 0.29	< 0.15	< 0.15	< 0.29	< 0.15	< 2.9	< 5.8	< 0.15	NA	NA
trans-1,2-Dichloroethene	20	100	< 5.3	< 2.6	0.77 J	0.51 J	< 0.53	< 0.35	< 0.53	< 0.35	< 0.35	< 0.35	< 0.53	< 0.35	< 0.35	< 0.53	< 0.35	< 5.3	< 10.6	< 0.35	NA	NA
Trichloroethene	0.5	5	***49.7***	***43.2***	***54***	***35***	< 0.32	< 0.16	< 0.32	< 0.16	< 0.16	< 0.16	***1.2***	***2***	***1.6***	***14.7***	***9.7***	< 3.2	< 6.4	***1.8 J***	NA	NA
Trichlorofluoromethane	698	3490	< 4.2	< 2.1	< 0.43	< 0.43	< 0.42	< 0.43	< 0.42	< 0.43	< 0.43	< 0.43	< 0.42	< 0.43	< 0.43	< 0.42	< 0.43	< 4.2	< 8.4	< 0.43	NA	NA
Vinyl chloride	0.02	0.2	< 1.7	< 0.87	< 0.20	< 0.20	< 0.17	< 0.20	< 0.17	< 0.20	< 0.20	< 0.20	< 0.17	< 0.20	< 0.20	< 0.17	< 0.20	< 1.7	< 3.5	< 0.20	NA	NA
Xylenes, Total	400	2000	< 10.5	< 5.2	< 0.22	< 0.22	< 1.0	< 0.22	< 1.0	< 0.22	< 0.22	< 0.22	< 1.0	< 0.22	< 0.22	< 1.0	< 0.22	< 10.5	< 21.0	< 0.22	NA	NA
Total PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0072	< 0.0071
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0042	< 0.0042
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.013	< 0.013
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.011	< 0.011
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND
Dissolved PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																						
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	578	3900
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.48	4.2

Notes on Page 6.

Table 8: Storm Sewer System Soil/Sediment Sampling Analytical Results Summary
Madison-Kipp Corporation
201 Waubesa Street, Madison, Wisconsin

Parameter	Unit[2]	NR 720 RCL Industrial Direct Contact[1]	MH-1A				Outfall Sample[3]			
Sample ID	--	--	**MH-1A (042922)**	**MH-1A (102422)**	**MH-1A (041923)**	**MH-1A (10092023)**	**Outfall 042922**	**Outfall-S-102422**	**Outfall-041923-S**	**Outfall - (10092023)**
Sample Date	--	--	4/29/2022	10/24/2022	4/19/2023	10/9/2023	4/29/2022	10/24/2022	4/19/2023	10/9/2023
Matrix	--	--	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
PCB-1016	mg/kg	28	<0.0056	<0.0177	<0.0095	<0.00027	<0.0070	<0.0202	<0.0092	<0.00027
PCB-1221	mg/kg	0.883	<0.0080	<0.0177	<0.0095	<0.00030	<0.010	<0.0202	<0.0092	<0.00029
PCB-1232	mg/kg	0.792	<0.0053	<0.0177	<0.0065	<0.00020	<0.0067	<0.0202	<0.0063	<0.00020
PCB-1242	mg/kg	0.972	<0.011	0.119	<0.0094	<0.00012	<0.014	0.234	<0.0091	<0.00012
PCB-1248	mg/kg	0.975	0.37	<0.0177	0.068	0.22	0.59	<0.0202	0.29	0.24
PCB-1254	mg/kg	0.988	<0.0088	<0.0177	<0.0082	<0.00025	<0.011	<0.0202	<0.0079	<0.00025
PCB-1260	mg/kg	1	<0.0086	<0.0177	<0.0091	<0.00024	<0.011	<0.0202	<0.0088	<0.00024
Total PCBs	mg/kg	0.967	0.37	0.119	0.068	0.22	0.59	0.234	0.29	0.24

Notes:

Updated by: M. Holicky 11/29/2023

Checked by: K. Vater 5/23/24

< = Less than

mg/kg = Milligrams per kilogram

J = Estimated value. Analyte detected at a level less than the reporting limit and greater than or equal to the detection limit.

µg/L = Micrograms per liter

RCL = residual contaminant level

PCBs = Polychlorinated Biphenyls

Bold and Italics = WDNR Industrial Direct Contact Limit Exceedance

Footnotes:

(1) The total PCBs and specific aroclors are compared to the WDNR industrial direct contact residual contaminant levels (December 2018).

(2) Samples are reported in mg/kg unless otherwise noted.

(3) Sample collected from within the Outfall pipe entering the rain garden. If no sediment was present in pipe, sample collected from base of garden at pipe entrance.

(4) Sample collected approximately 3 ft north of the Outfall pipe in the base of the garden, depth 0-6 inches.

(5) Sample collected along fence section that crosses the rain garden, depth 0-6".

Table 9: Storm Sewer System Water Sampling Analytical Results Summary
Madison-Kipp Corporation
201 Waubesa Street, Madison, Wisconsin

Parameter	Unit	NR 140 Enforcement Standard[1]	NR 140 Preventive Action Limit[1]	Outfall Sample[2]			
Sample ID	--	--	--	**042922-W**	**OUTFALL-W-102422**	**OUTFALL (050123)-W**	**OUTFALL (10182023)**
Sample Date	--	--	--	4/29/2022	10/24/2022	5/1/2023	10/18/2023
Matrix	--	--	--	Water	Water	Water	Water
PCB-1016	µg/L	--	--	<0.0072	<0.25	<0.0048	<0.0049
PCB-1221	µg/L	--	--	<0.026	<0.25	<0.0057	<0.0058
PCB-1232	µg/L	--	--	<0.0042	<0.25	<0.0052	<0.0053
PCB-1242	µg/L	--	--	<0.013	<0.25	<0.0036	<0.0036
PCB-1248	µg/L	--	--	<0.011	<0.25	<0.0080	<0.0082
PCB-1254	µg/L	--	--	<0.010	<0.25	<0.0046	<0.0047
PCB-1260	µg/L	--	--	<0.012	<0.25	<0.0039	<0.0040
Total PCBs	µg/L	0.03	0.003	<0.026	<0.25	<0.0080	<0.0082

Notes:

Updated by: M. Holicky 12/1/2023

Checked by: M. Wagler 2/26/2024

< = Less than the laboratory limit of detection

µg/L = micrograms per liter

PCBs = Polychlorinated Biphenyls

Bold and Italics = WDNR NR 140 Exceedance

Footnotes:

(1) The total PCBs are compared to the WDNR NR 140 Public Health Groundwater Quality Standards (June 2021).

(2) Sample collected from the rain garden near the storm sewer outfall pipe that discharges into the rain garden.

Table 10: Groundwater Monitoring Plan - 2024
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Well/ Point ID	Bedrock Unit	Screened Interval (ft bgs)	April & October Gauging	April VOC Sampling	April PCB Sampling	October VOC Sampling	Pump Type
GWE-1*	Lone Rock/ Wonewoc	55-175	x	x		x	NA
MW-1	Unconsolidated	14-24	x			x	Peristaltic
MW-2S	Unconsolidated	19-29	x				NA
MW-2D	Upper Lone Rock	39-44	x	x		x	Peristaltic
MW-3S	Unconsolidated	19-29	x			x	Peristaltic
MW-3D	Upper Lone Rock	48-53	x	x		x	Peristaltic
MW-3D2	Lower Lone Rock	76-81	x	x		x	Peristaltic
MW-3D3	Lower Wonewoc	214-224	x			x	GeoSub
MW-4S	Unconsolidated/ Upper Lone Rock	35-50	x				NA
MW-4D	Upper Lone Rock	65-70	x				NA
MW-4D2	Lower Lone Rock	91-96	x	x		x	Bladder
MW-5S	Upper Lone Rock	34-44	x		x	x	Peristaltic
MW-5D	Lower Lone Rock	75-80	x	x		x	Peristaltic
MW-5D2	Lower Wonewoc	166-171	x	x		x	Bladder
MW-5D3	Lower Wonewoc	225-235	x	x		x	GeoSub
MW-6S	Unconsolidated/ Upper Lone Rock	32-42	x			x	Bladder
MW-6D	Upper Lone Rock	66-71	x	x		x	Bladder
MW-7	Unconsolidated	25-35	x				NA
MW-8	Unconsolidated	24-34	x				NA
MW-9D	Upper Lone Rock	44-49	x			x	Peristaltic
MW-9D2	Lower Lone Rock	64-69	x	x		x	Peristaltic
MW-10S	Unconsolidated	11-21	x				NA
MW-11S	Unconsolidated	24-34	x				NA
MW-12S	Unconsolidated	3-13	x				NA
MW-17	Lower Wonewoc	160-170	x	x		x	Bladder
MW-18S	Unconsolidated	20-30	x				NA
MW-21D2	Upper/Lower Wonewoc	110-170	Well abandoned on October 24, 2018				
MW-22S	Unconsolidated	25-35	Well Abandoned on January 16, 2018				
MW-22D	Upper Lone Rock	45-50	Well Abandoned on January 16, 2018				
MW-23S	Unconsolidated	25-35	Well Abandoned on January 16, 2018				
MW-23D	Upper Lone Rock	45-50	Well Abandoned on January 16, 2018				
MW-24	Upper Lone Rock	30-40	x				NA
MW-25D	Upper Wonewoc	120-130	x			x	Bladder
MW-25D2	Upper Wonewoc	160-170	x	x		x	Bladder
MW-26S	Unconsolidated	6.8-16.8	x				NA
MW-27D	Upper Wonewoc	130-140	x	x		x	Bladder
MW-27D2	Lower Wonewoc	170-180	x			x	Bladder
MW-28	Unconsolidated	28-38	x			x	Peristaltic
MW-29S	Unconsolidated	24-34	x				Peristaltic
MW-29D	Upper Lone Rock	45-50	x				Bladder
MP-13 Port 1	Lower Wonewoc	163-167	x			x	Westbay
MP-13 Port 2	Upper Wonewoc	135-139	x			x	Westbay
MP-13 Port 3	Upper Wonewoc	121-125	x			x	Westbay
MP-13 Port 4	Upper Wonewoc	102-106	x			x	Westbay
MP-13 Port 5	Lower Lone Rock	81-85	x			x	Westbay
MP-13 Port 6	Lower Lone Rock	67-71	x			x	Westbay
MP-13 Port 7	Upper Lone Rock	44-48	x			x	Westbay
MP-14 Port 1	Lower Wonewoc	170-178	x			x	Westbay
MP-14 Port 2	Upper Wonewoc	135-140	x	x		x	Westbay
MP-14 Port 3	Upper Wonewoc	100-105	x			x	Westbay
MP-14 Port 4	Lower Lone Rock	70-75	x				NA

Table 10: Groundwater Monitoring Plan - 2024
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Well/ Point ID	Bedrock Unit	Screened Interval (ft bgs)	April & October Gauging	April VOC Sampling	April PCB Sampling	October VOC Sampling	Pump Type
MP-15 Port 1	Lower Wonewoc	177-187	x			x	Westbay
MP-15 Port 2	Lower Wonewoc	142-146	x			x	Westbay
MP-15 Port 3	Upper Wonewoc	120-125	x			x	Westbay
MP-15 Port 4	Upper Wonewoc	100-105	x			x	Westbay
MP-15 Port 5	Upper Wonewoc	88-92	x			x	Westbay
MP-16 Port 1	Lower Wonewoc	175-179	x			x	Westbay
MP-16 Port 2	Upper Wonewoc	140-144	x	x		x	Westbay
MP-16 Port 3	Upper Wonewoc	106-116	x			x	Westbay
MP-16 Port 4	Lower Lone Rock	80-84	x				NA
Total Sample Points:			**55**	**15**	**1**	**40**	

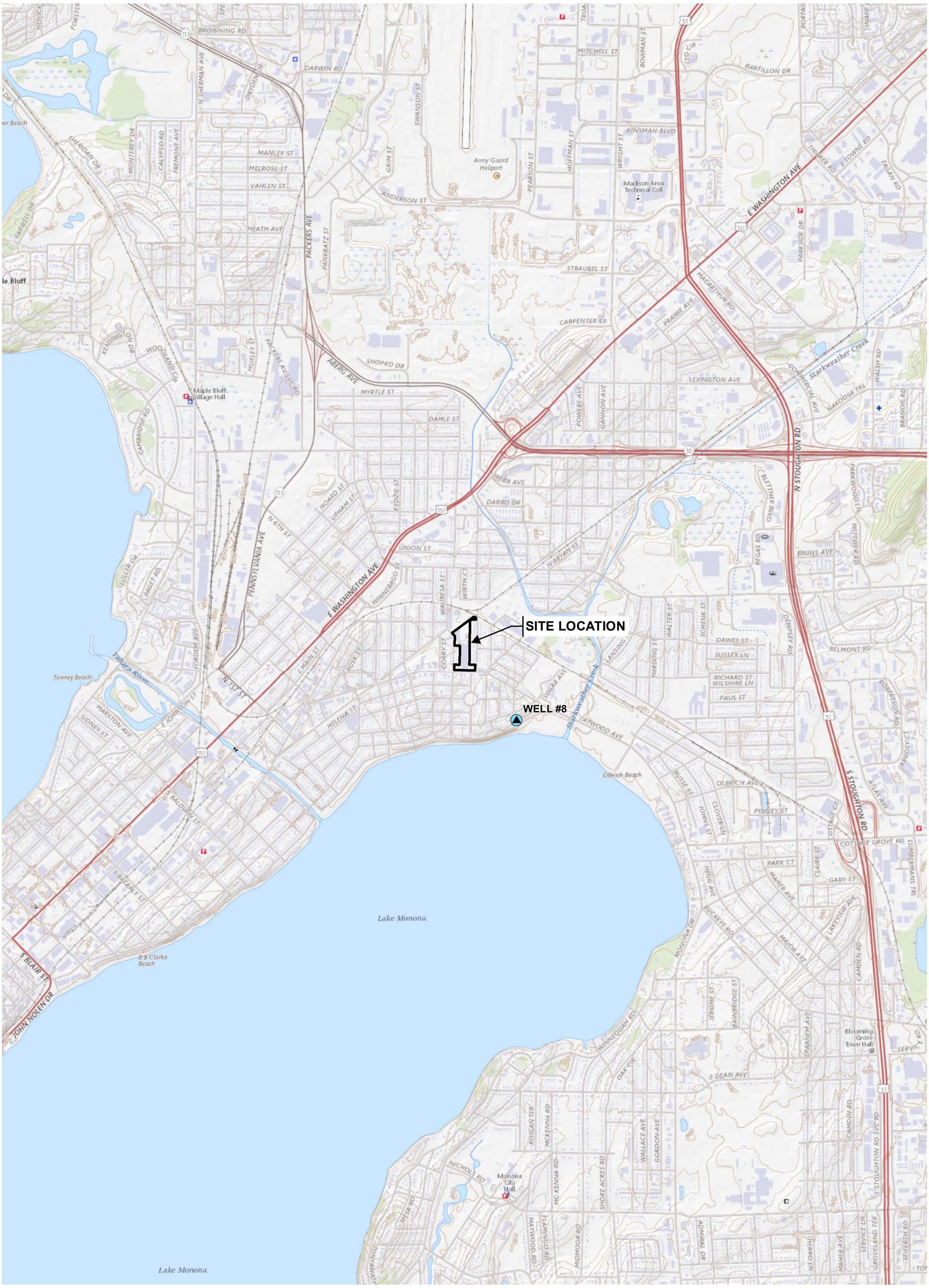
Notes:

* = The GWE-1 influent sample results from quarterly performance monitoring will be used.

Plot Date: 3/15/2024, 11:00:34 AM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-001.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- MUNICIPAL SUPPLY WELL

BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES, "USA TOPO MAPS" WEB BASEMAP SERVICE LAYER.

0 2,000 4,000 FEET

1 " = 2,000 '
1:24,000

N

TRC
999 Fourier Drive, Suite 101
Madison, WI 53717
Phone: 608.826.3600

PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:
SITE LOCATION MAP

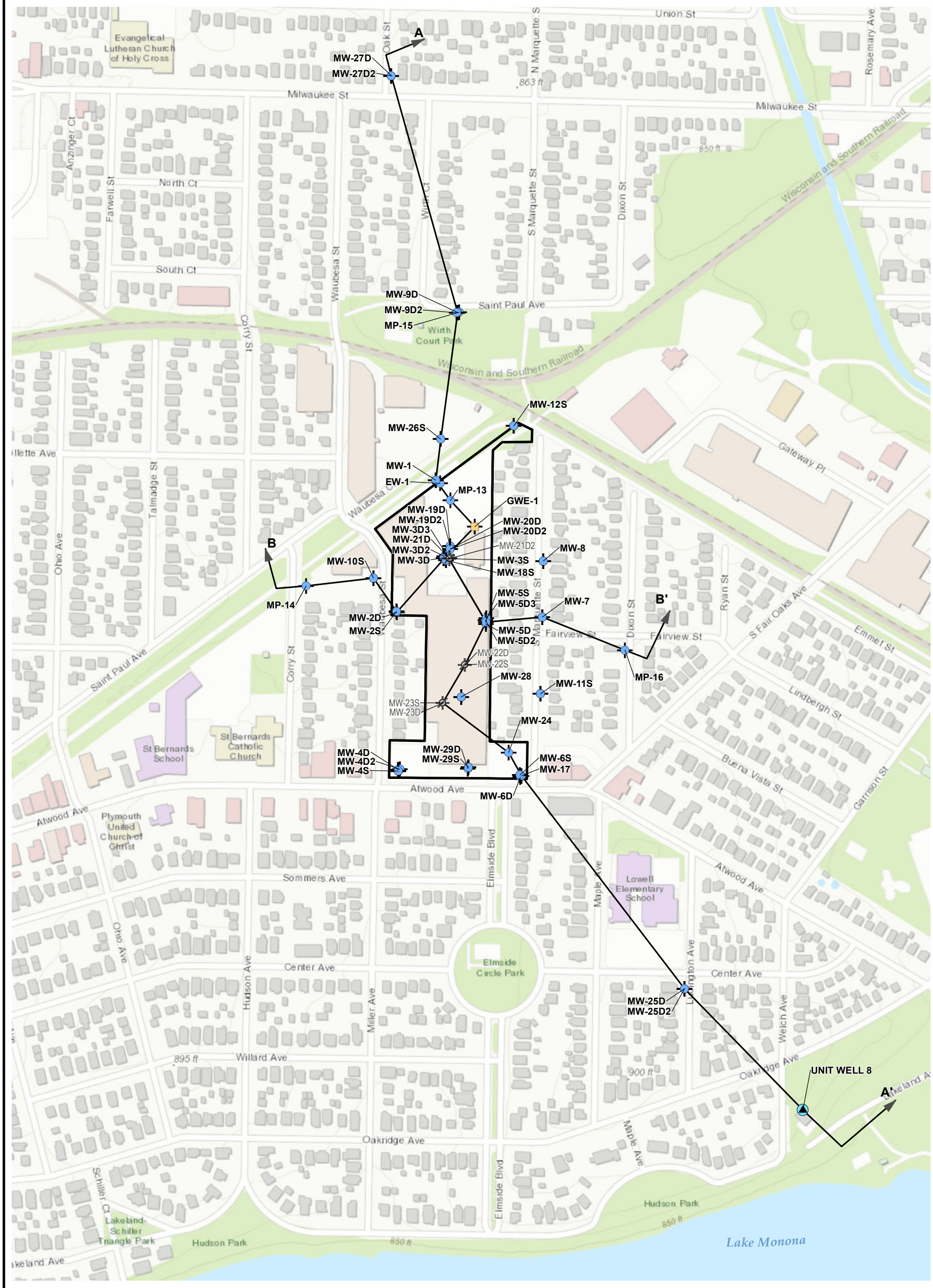
DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S. SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-001.mxd

FIGURE 1

Plot Date: 3/15/2024, 11:00:18 AM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-002.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- CROSS SECTION
- GROUNDWATER EXTRACTION WELL
- MONITORING WELL
- MUNICIPAL SUPPLY WELL
- ABANDONED MONITORING WELL

BASE MAP FROM ESRI, "WORLD TOPOGRAPHIC MAP" WEB BASEMAP SERVICE LAYER.

0 300 600 FEET

1 " = 300 '

1:3,600

N

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PROJECT:

MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:

WELL LOCATIONS MAP

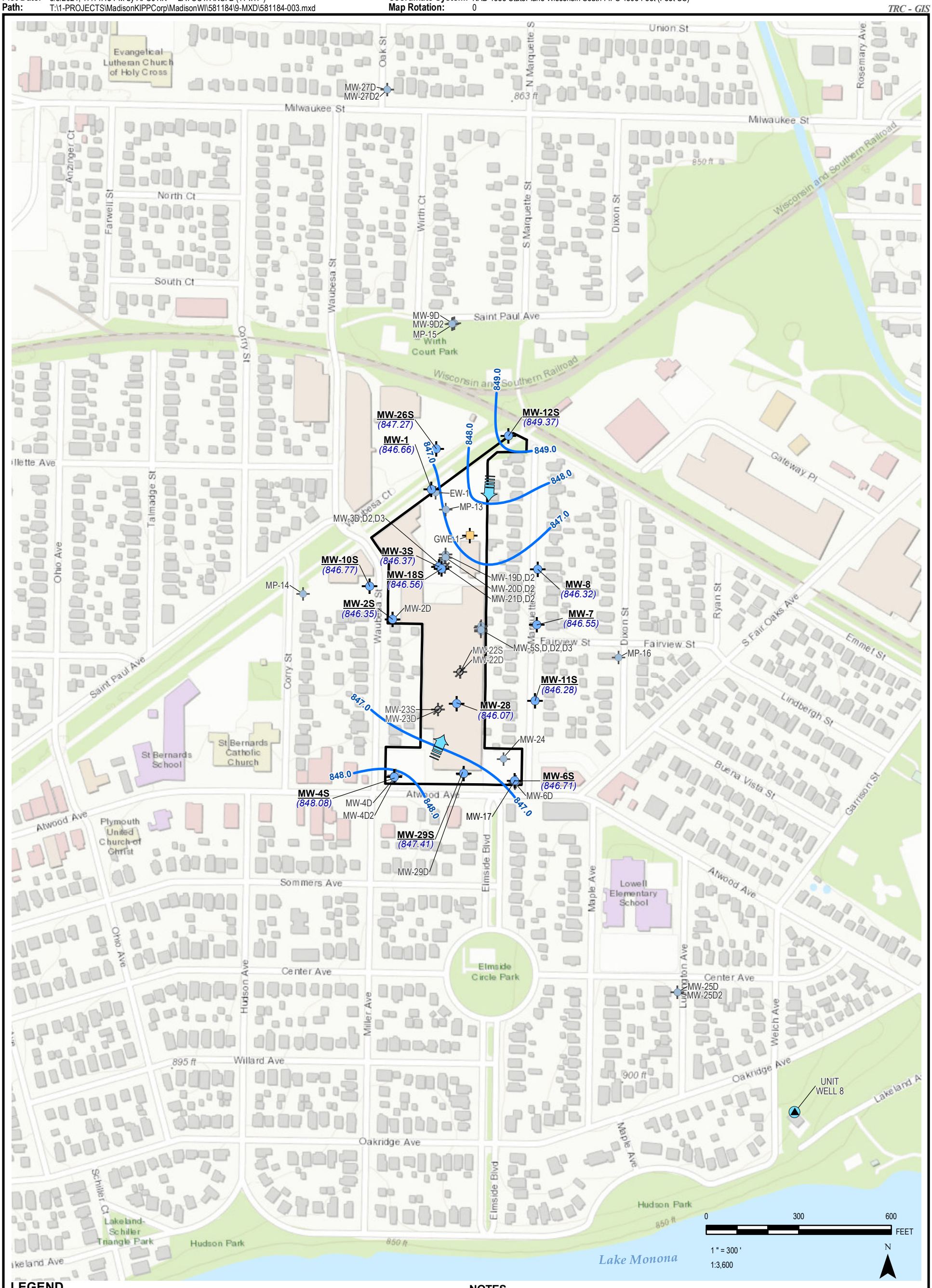
DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S. SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-002.mxd

FIGURE 2

Plot Date: 5/8/2024, 17:14:15 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-003.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- GROUNDWATER ELEVATION CONTOUR (1' INTERVAL, DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- ABANDONED MONITORING WELL
- MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- MUNICIPAL SUPPLY WELL

NOTES

1. BASE MAP FROM ESRI, "WORLD TOPOGRAPHIC MAP", WEB BASEMAP SERVICE LAYER.
2. THE WATER TABLE LIES WITHIN UNCONSOLIDATED SEDIMENTS WHICH ARE PRESENT TO A DEPTH OF APPROXIMATELY 35 FT BELOW GROUND SURFACE (835 FT ABOVE MEAN SEA LEVEL).
3. WELLS SHOWN IN GRAY ARE NOT PART OF THIS GROUNDWATER UNIT.
4. GROUNDWATER ELEVATIONS MEASURED OCTOBER 2023.

TRC
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Madison, WI 53717
Phone: 608.826.3600

PROJECT:

MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:

WATER TABLE ELEVATIONS
OCTOBER 2023

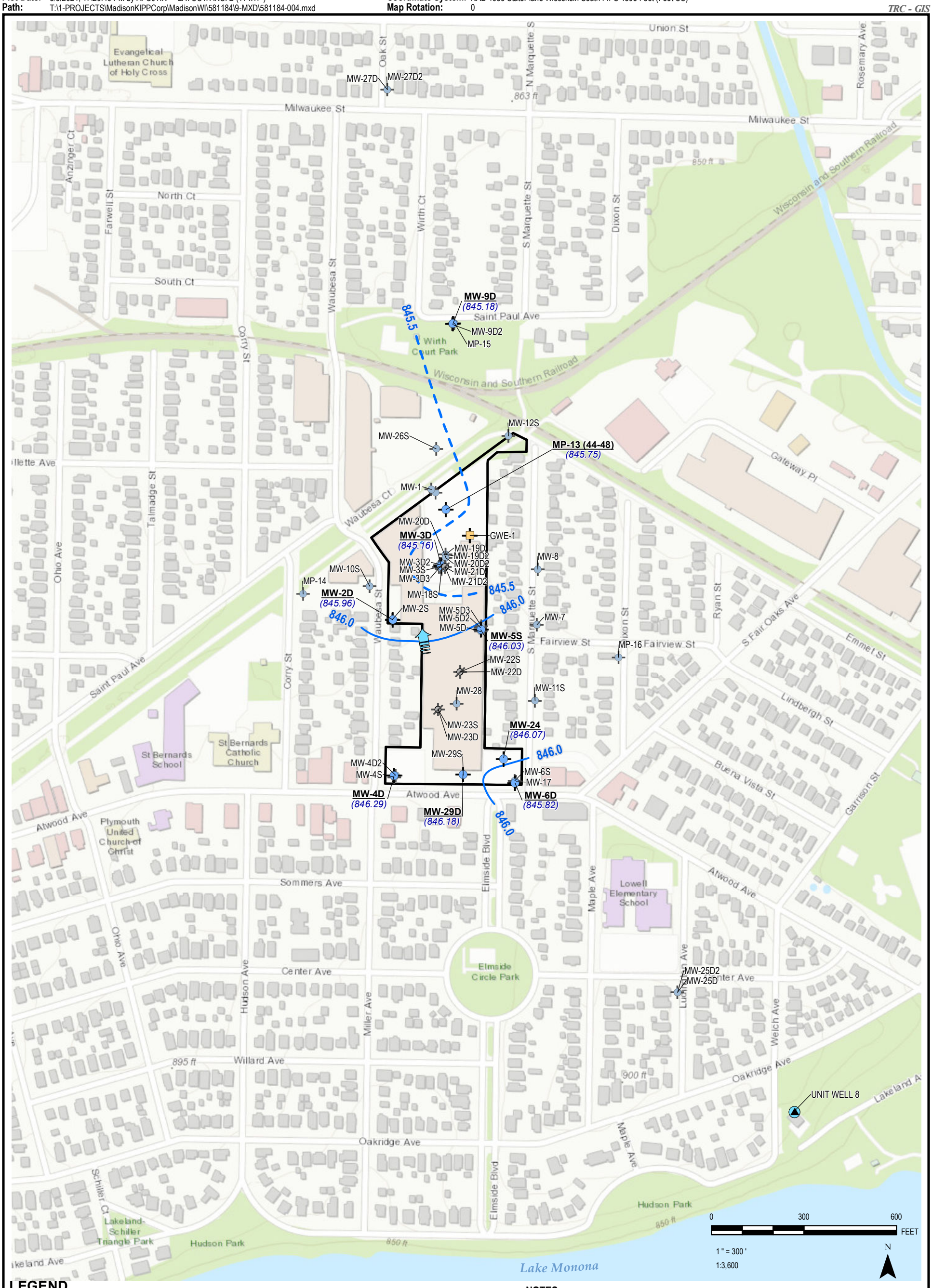
DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S. SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	525152
FILE:	581184-003.mxd

FIGURE 3

Plot Date: 5/8/2024, 17:29:46 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
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Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- GROUNDWATER ELEVATION CONTOUR (0.5' INTERVAL, DASHED WHERE INFERRED)
- GROUNDWATER FLOW

NOTES

1. BASE MAP IMAGERY FROM, "WORLD TOPOGRAPHIC MAP" WEB BASEMAP SERVICE LAYER.
2. THE UPPER LONE ROCK FORMATION IS INTERPRETED TO BE APPROXIMATELY 35 -60 FEET BELOW GROUND SURFACE (835 -810 FEET ABOVE MEAN SEA LEVEL).
3. WELLS SHOWN IN GRAY ARE NOT PART OF THIS GROUND WATER UNIT.
4. GROUNDWATER ELEVATIONS MEASURED OCTOBER 2023.

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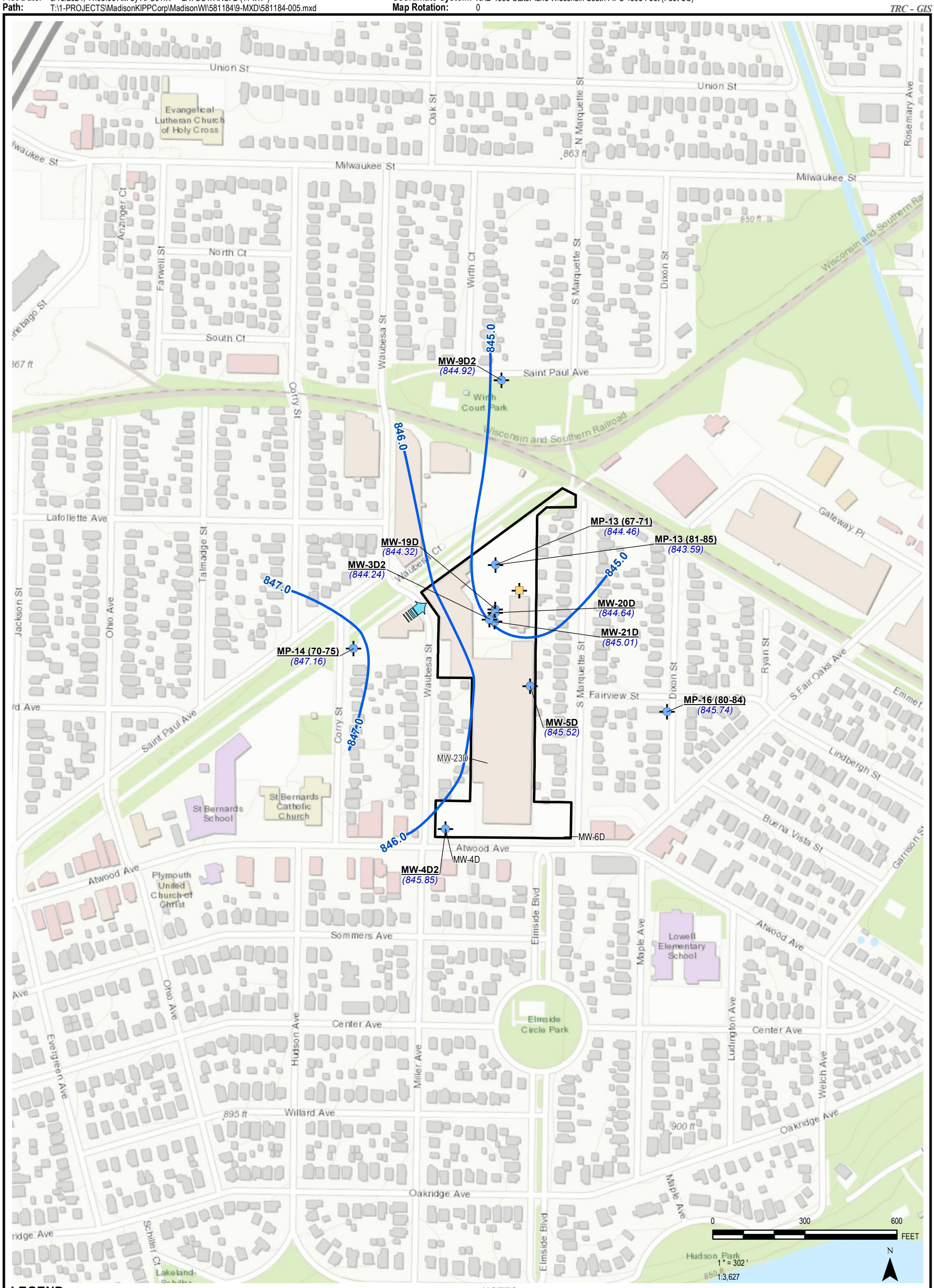
PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:
UPPER LONE ROCK FORMATION POTENTIOMETRIC SURFACE OCTOBER 2023

DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S. SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-004.mxd

FIGURE 4

Plot Date: 3/15/2024, 11:03:00 AM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-005.mxd
Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0
TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- GROUNDWATER ELEVATION CONTOUR (1' FT INTERVAL, DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- ABANDONED MONITORING WELL
- MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- MUNICIPAL SUPPLY WELL

NOTES

1. BASE MAP FROM ESRI, "WORLD TOPOGRAPHIC MAP", WEB BASEMAP SERVICE LAYER.
2. THE LOWER LONE ROCK FORMATION IS INTERPRETED TO BE FROM APPROXIMATELY 60 -100 FEET BELOW GROUND SURFACE (810-770 FEET ABOVE MEAN SEA LEVEL).
3. WELLS SHOWN IN GRAY ARE NOT PART OF THIS GROUNDWATER UNIT.
4. GROUNDWATER ELEVATIONS MEASURED OCTOBER 2023.
5. MW-3D2 NOT USED FOR CONTOURING.

TRC
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Madison, WI 53717
Phone: 608.826.3600

PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:
LOWER LONE ROCK FORMATION POTENTIOMETRIC SURFACE OCTOBER 2023

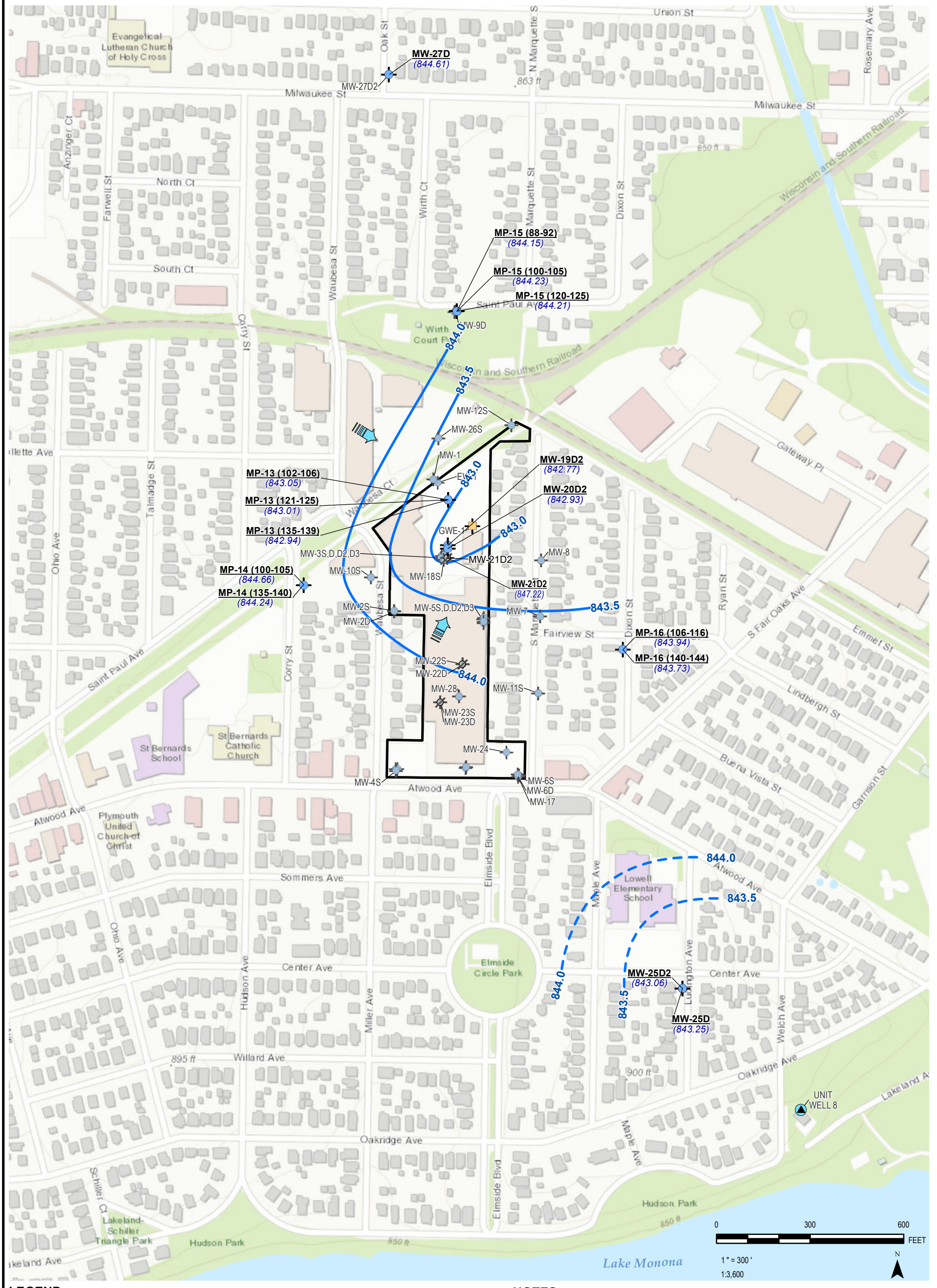
DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S. SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-005.mxd

FIGURE 5

Plot Date: 5/8/2024, 17:13:21 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
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Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- SITE PROPERTY
- GROUNDWATER ELEVATION CONTOUR (1' FT INTERVAL, DASHED WHERE INFERRED)
- GROUNDWATER FLOW
- ABANDONED MONITORING
- MONITORING WELL
- GROUNDWATER EXTRACTION
- MUNICIPAL SUPPLY

NOTES

1. BASE MAP FROM ESRI, "WORLD TOPOGRAPHIC MAP", WEB BASEMAP SERVICE LAYER.
2. THE UPPER WONEWOC FORMATION IS INTERPRETED TO BE FROM APPROXIMATELY 100-155 FEET BELOW GROUND SURFACE (770-715 FEET ABOVE MEAN SEA LEVEL).
3. WELLS SHOWN IN GRAY ARE NOT PART OF THIS GROUNDWATER UNIT.
4. GROUNDWATER ELEVATIONS MEASURED OCTOBER 2023.

TRC
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Madison, WI 53717
Phone: 608.826.3600

PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:
UPPER WONEWOC FORMATION POTENTIOMETRIC SURFACE OCTOBER 2023

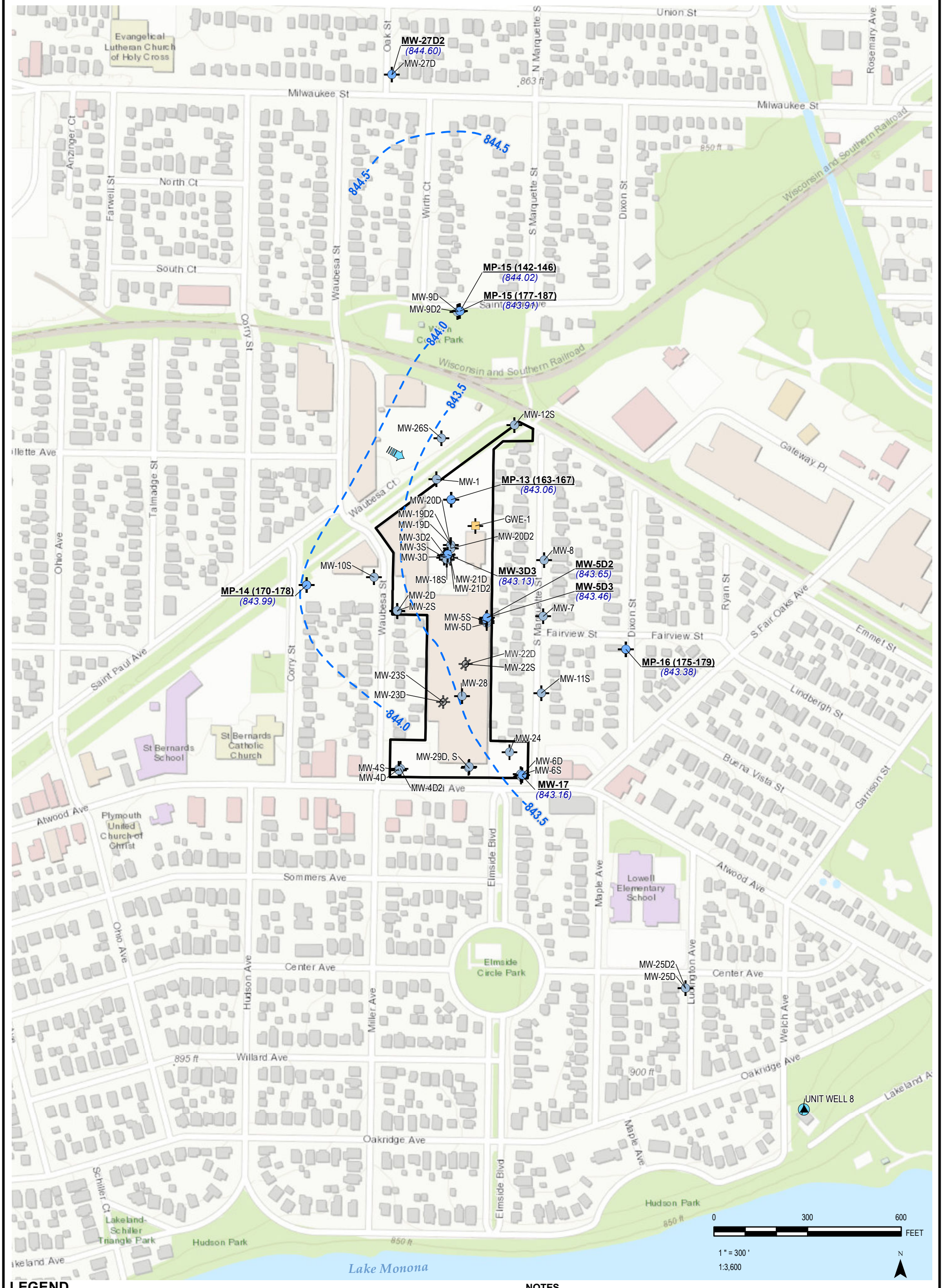
DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S.SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-006.mxd

FIGURE 6

Plot Date: 5/8/2024, 17:16:32 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-007.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- GROUNDWATER ELEVATION CONTOUR (0.5' INTERVAL, DASHED WHERE INFERRED)
- ABANDONED MONITORING WELL
- MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- MUNICIPAL SUPPLY WELL

NOTES

1. BASE MAP IMAGERY FROM ESRI, "WORLD TOPOGRAPHIC MAP" WEB BASEMAP SERVICE LAYER.
2. THE LOWER WONEWOC FORMATION IS INTERPRETED TO BE FROM APPROXIMATELY 155-240 FEET BELOW GROUND SURFACE (715- 630 FEET ABOVE MEAN SEA LEVEL).
3. WELLS SHOWN IN GRAY ARE NOT PART OF THIS GROUNDWATER UNIT.
4. GROUNDWATER ELEVATIONS MEASURED OCTOBER 2023.

TRC
999 Fourier Drive, Suite 101
Madison, WI 53717
Phone: 608.826.3600

PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:
LOWER WONEWOC FORMATION POTENTIOMETRIC SURFACE OCTOBER 2023

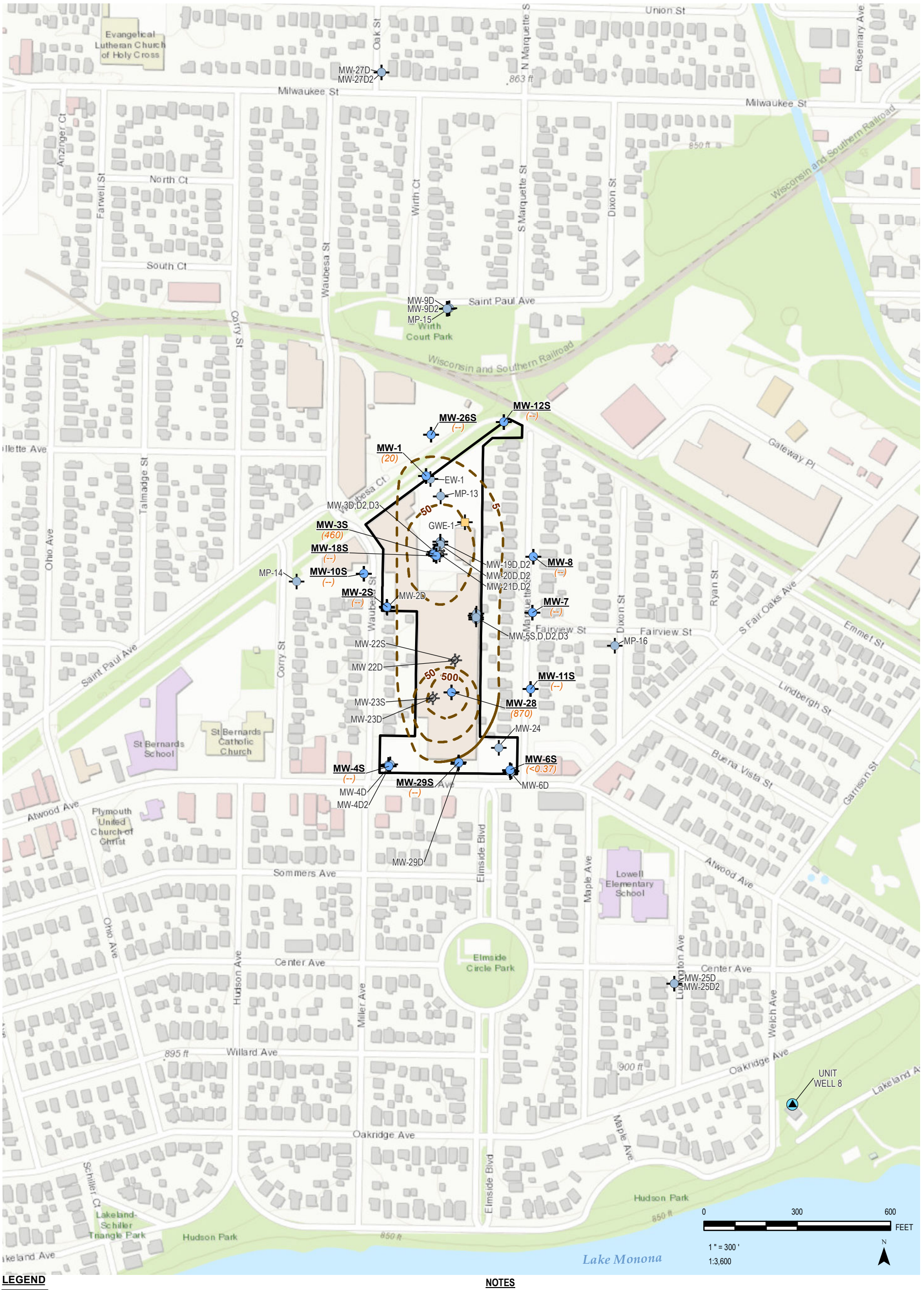
DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S. SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-007.mxd

FIGURE 7

Plot Date: 5/8/2024, 17:15:56 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-008.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- ABANDONED MONITORING WELL
- MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- MUNICIPAL SUPPLY WELL
- (7.5) PCE CONCENTRATION [µg/L]
- (--) NOT SAMPLED
- PCE ISOCONCENTRATION CONTOUR (µg/L, DASHED WHERE INFERRED)

NOTES

1. BASE MAP FROM ESRI, "WORLD TOPOGRAPHIC MAP", WEB BASEMAP SERVICE LAYER.
2. THE WATER TABLE LIES WITHIN UNCONSOLIDATED SEDIMENTS WHICH ARE PRESENT TO A DEPTH OF APPROXIMATELY 35 FT BELOW GROUND SURFACE (835 FT ABOVE MEAN SEA LEVEL).
3. WELLS SHOWN IN GRAY ARE NOT PART OF THIS GROUNDWATER UNIT.
4. WELLS SAMPLED OCTOBER 2023.
5. DATA QUALIFIERS NOT INCLUDED, SEE TABLES OR LABORATORY REPORTS.

TRC
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Madison, WI 53717
Phone: 608.826.3600

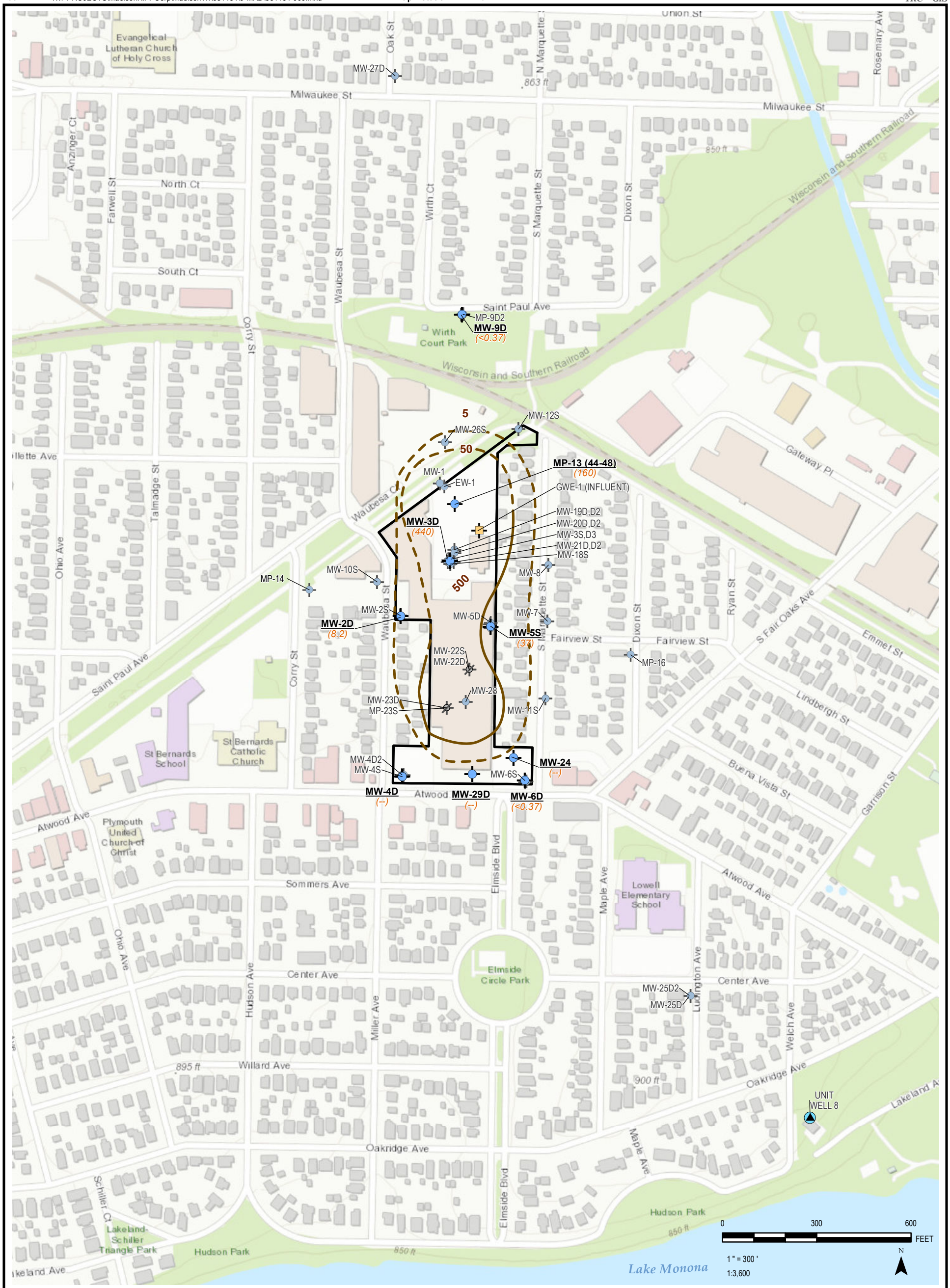
PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:
WATER TABLE
TETRACHLOROETHENE (PCE) ISOCONCENTRATIONS
OCTOBER 2023

DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S. SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-008.mxd

FIGURE 8

Plot Date: 5/8/2024, 17:16:15 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-009.mxd
Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0
TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- ABANDONED MONITORING WELL
- MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- MUNICIPAL SUPPLY WELL
- (7.5) PCE CONCENTRATION [µg/L]
- (--) NOT SAMPLED
- PCE ISOCONCENTRATION CONTOUR (µg/L, DASHED WHERE INFERRED)

NOTES

1. BASE MAP FROM ESRI, "WORLD TOPOGRAPHIC MAP", WEB BASEMAP SERVICE LAYER.
2. THE UPPER LONE ROCK FORMATION IS INT ERPRETED TO BE FROM APPROXIMATEL Y 35-60 FEET BELOW GROUND SURFACE (835 -810 FEET ABOVE MEAN SEA LEVEL.
3. WELLS SHOWN IN GRAY ARE NOT PART OF THIS GROUNDWATER UNIT .
4. WELLS SAMPLED OCTOBER 2023.
5. DATA QUALIFIERS NOT INCLUDED, SEE TABLES OR LABORATORY REPORTS .

TRC
999 Fourier Drive, Suite 101
Madison, WI 53717
Phone: 608.826.3600

PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:
UPPER LONE ROCK FORMATION
TETRACHLOROETHENE (PCE) ISOCONCENTRATIONS
OCTOBER 2023

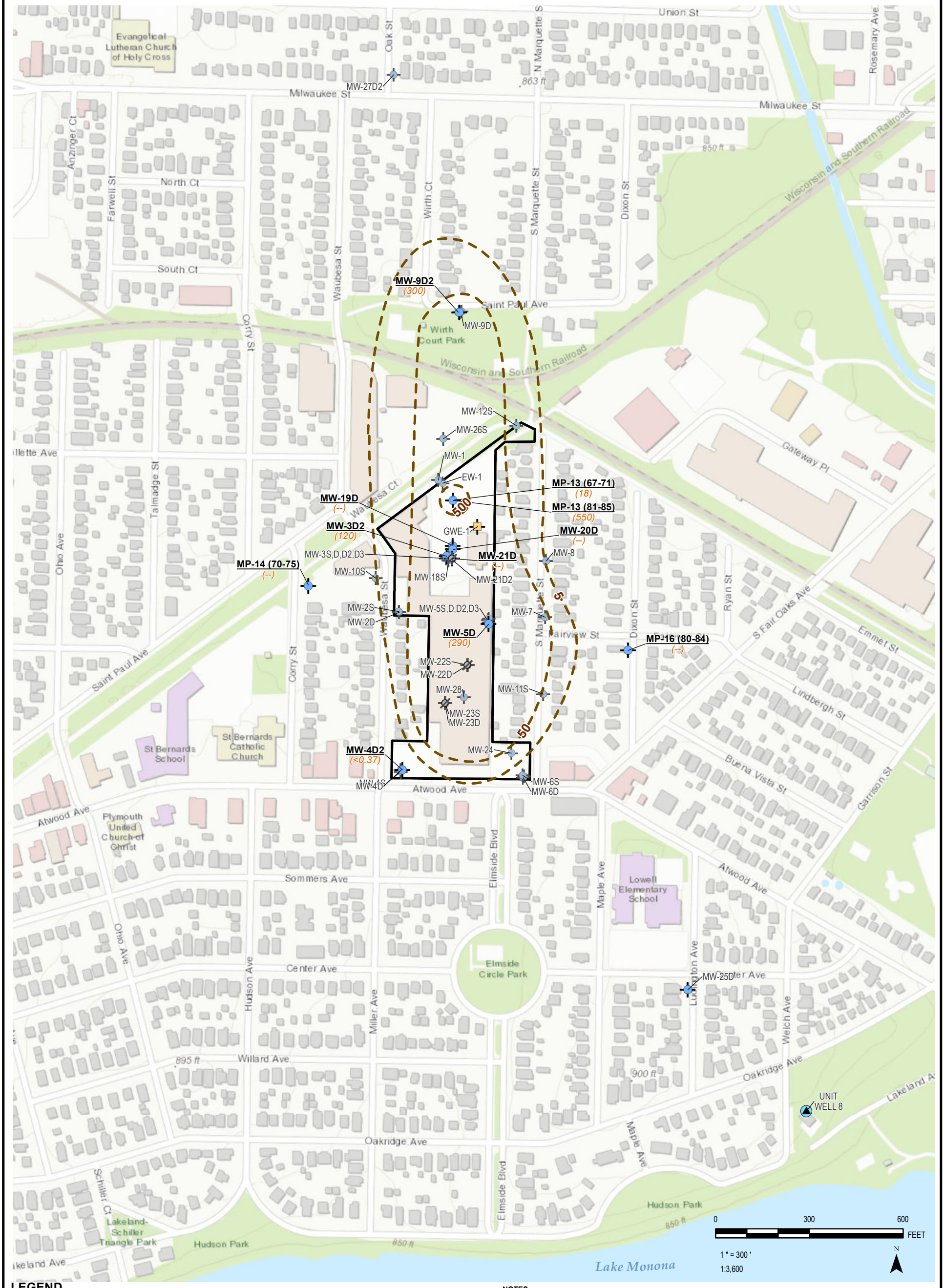
DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S. SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-009.mxd

FIGURE 9

Plot Date: 5/8/2024, 17:19:03 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-010.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- ABANDONED MONITORING WELL
- MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- MUNICIPAL SUPPLY WELL
- (7.5) PCE CONCENTRATION [µg/L]
- (--) NOT SAMPLED
- PCE ISOCONCENTRATION CONTOUR (µg/L, DASHED WHERE INFERRED)

NOTES

1. BASE MAP FROM ESRI, "WORLD TOPOGRAPHIC MAP", WEB BASEMAP SERVICE LAYER.
2. THE LOWER LONE ROCK FORMATION IS INTERPRETED TO BE FROM APPROXIMATELY 60 – 100 FEET BELOW GROUND SURFACE (810-770 FEET ABOVE MEAN SEA LEVEL).
3. WELLS SHOWN IN GRAY ARE NOT PART OF THIS GROUNDWATER UNIT.
4. WELLS SAMPLED OCTOBER 2023.
5. DATA QUALIFIERS NOT INCLUDED, SEE TABLES OR LAB ORATORY REPORTS.

TRC
999 Fourier Drive, Suite 101
Madison, WI 53717
Phone: 608.826.3600

PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:
LOWER LONE ROCK FORMATION
TETRACHLOROETHENE (PCE) ISOCONCENTRATIONS
OCTOBER 2023

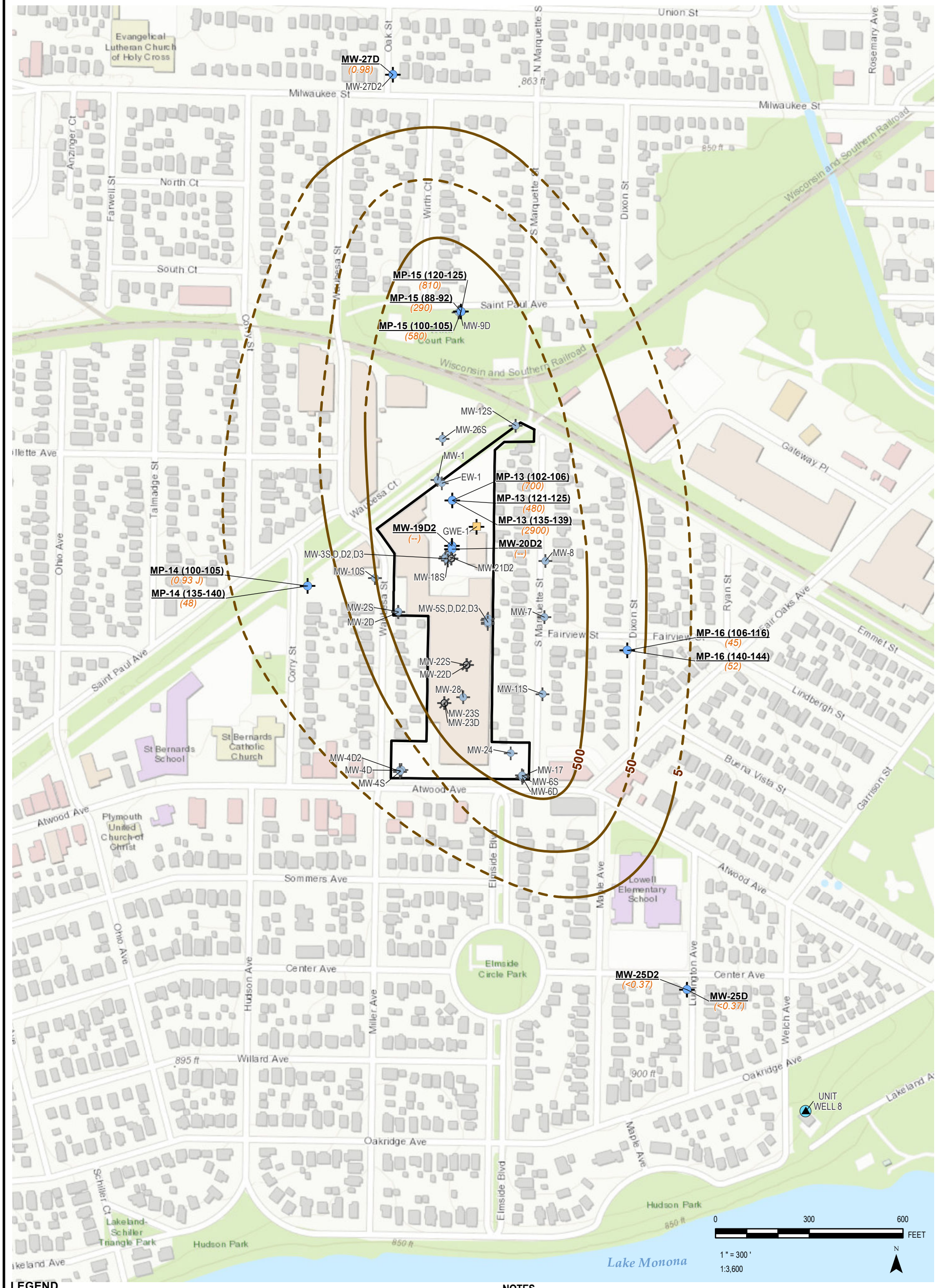
DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S.SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-010.mxd

FIGURE 10

Plot Date: 5/8/2024, 17:18:46 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-011.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- GROUNDWATER EXTRACTION WELL
- MONITORING WELL
- MUNICIPAL SUPPLY WELL
- ABANDONED MONITORING WELL
- (7.5) PCE CONCENTRATION [µg/L]
- (--) NOT SAMPLED
- PCE ISOCONCENTRATION CONTOUR (µg/L, DASHED WHERE INFERRED)

NOTES

1. BASE MAP FROM ESRI, "WORLD TOPOGRAPHIC MAP", WEB BASEMAP SERVICE LAYER.
2. THE UPPER WONEWOC FORMATION IS INTERPRETED TO BE FROM APPROXIMATELY 100 -155 FEET BELOW GROUND SURFACE (770 – 715 FEET ABOVE MEAN SEA LEVEL).
3. WELLS SHOWN IN GRAY ARE NOT PART OF THIS GROUNDWATER UNIT.
4. WELLS SAMPLED BETWEEN OCTOBER 2023.
5. DATA QUALIFIERS NOT INCLUDED, SEE TABLES OR LABORATORY R EPORTS.

TRC
999 Fourier Drive, Suite 101
Madison, WI 53717
Phone: 608.826.3600

PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:
UPPER WONEWOC FORMATION
TETRACHLOROETHENE (PCE) ISOCONCENTRATIONS
OCTOBER 2023

DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S.SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-011.mxd

FIGURE 11

Plot Date: 3/27/2024, 16:40:34 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-012.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS

MW-27D
MW-27D2 *(12)*
MP-15 (142-146) *(1,700)*
MP-15 (177-187) *(4.0)*
MP-9D2
MW-9D
MW-26S
MW-12S
MW-1
EW-1
MP-13 (163-167) *(210)*
GWE-1
MW-19D,D2
MW-20D,D2
MW-3S,D3
MW-21D,D2
MW-18S
MW-3D
MW-3D3 *(<0.37)*
MP-14 (170-178) *(1,000)*
MW-10S
MW-8
MW-5D2 *(4700)*
MW-5D
MW-5D3 *(<0.37)*
MW-5S
MW-7
MW-2S
MW-2D
MW-22S
MW-22D
MW-28
MW-23D
MW-23S
MW-11S
MP-16 (175-179) *(3.7)*
MW-24
MW-4D2
MW-4S
MW-6S
MW-17 *(810)*
MW-25D2
MW-25D
UNIT WELL 8

Evangelical Lutheran Church of Holy Cross
Union St
Milwaukee St
Oak St
N Marquette St
Rosemary Ave
Anzinger Ct
Farwell St
North Ct
South Ct
Waubesa St
Wirth Ct
S Marquette St
Dixon St
Wisconsin and Southern Railroad
Saint Paul Ave
Corry St
Wirth Court Park
Gateway Pl
Waubesa Ct
Ohio Ave
Talmadge St
Elmside Blvd
Maple Ave
Ryan St
S Fair Oaks Ave
Emmet St
Fairview St
Lindbergh St
Buena Vista St
Garrison St
St Bernards School
St Bernards Catholic Church
Atwood Ave
Plymouth United Church of Christ
Sommers Ave
Lowell Elementary School
Elmside Circle Park
Hudson Ave
Miller Ave
Center Ave
Ludington Ave
Welch Ave
Willard Ave
Oakridge Ave
Schiller Ct
Lakeland-Schiller Triangle Park
Hudson Park
Lake Monona
Lakeland Ave
863 ft
850 ft
895 ft
900 ft
-5
-50
-500

LEGEND

- SITE PROPERTY BOUNDARY
- ABANDONED MONITORING WELL
- MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- MUNICIPAL SUPPLY WELL
- *(7.5)* PCE CONCENTRATION [µg/L]
- *(--)* NOT SAMPLED
- PCE ISOCONCENTRATION CONTOUR (µg/L, DASHED WHERE INFERRED)

NOTES

1. BASE MAP FROM ESRI, "WORLD TOPOGRAPHIC MAP", WEB BASEMAP SERVICE LAYER.
2. THE LOWER WONEWOC FORMATION IS INTERPRETED TO BE FROM APPROXIMATELY 155 -240 FEET BELOW GROUND SURFACE (715 -630 FEET ABOVE MEAN SEA LEVEL).
3. WELLS SHOWN IN GRAY ARE NOT PART OF THIS GROUNDWATER UNIT .
4. WELLS SAMPLED OCTOBER 2023.
5. DATA QUALIFIERS NOT INCLUDED, SEE TABLES OR LABORATORY REPORTS .

0 300 600 FEET
1 " = 300 '
1:3,600
N

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Madison, WI 53717
Phone: 608.826.3600

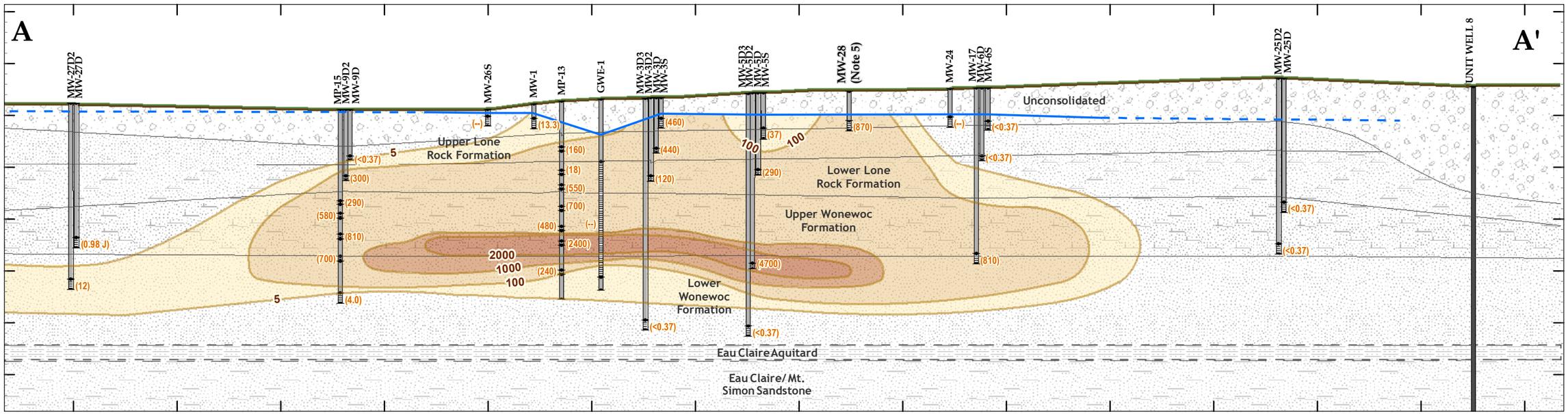
PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

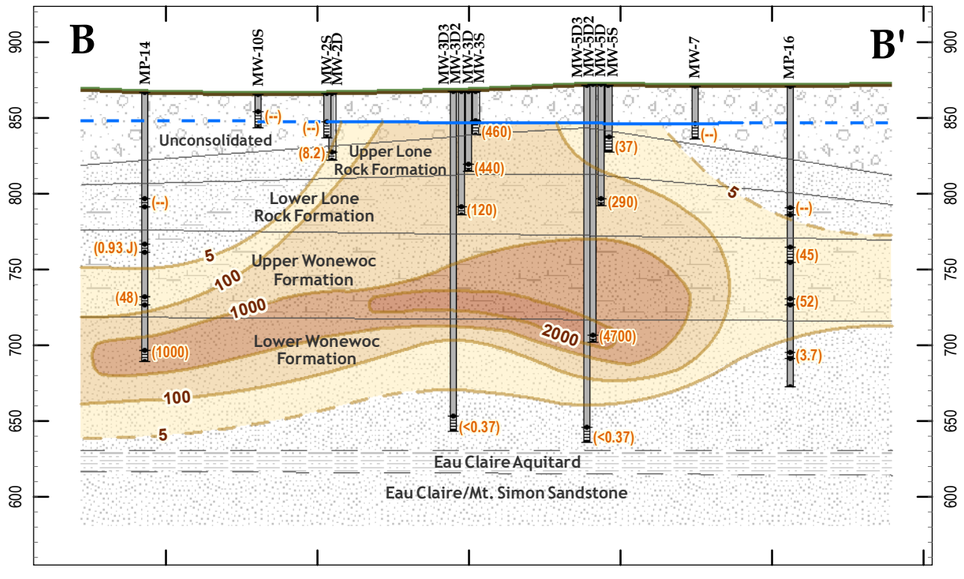
TITLE:
LOWER WONEWOC FORMATION
TETRACHLOROETHENE (PCE) ISOCONCENTRATIONS
OCTOBER 2023

DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	S.SELLWOOD
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-012.mxd

FIGURE 12

TRC - GIS





LEGEND

WELL CONSTRUCTION

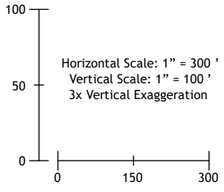
- WELL RISER
- WELL CASING
- WELL SCREEN
- WATER TABLE ELEVATION

(550) PCE CONCENTRATION [µg/L]

(--) NOT SAMPLED

PCE CONCENTRATIONS IN GROUNDWATER (DASHED WHERE INFERRED)

- < 5 µg/L
- 5 - <100 µg/L
- 100 - <1000 µg/L
- 1000 - <2000 µg/L
- >2000 µg/L



NOTES

1. SEE FIGURE 2 FOR PLAN VIEW CROSS SECTION LOCATIONS.
2. FEATURES SHOWN ARE APPROXIMATE
3. DATA QUALIFIERS NOT INCLUDED, SEE TABLES OR LABORATORY REPORTS.
4. WELLS SAMPLED BETWEEN 10/09/2023-10/17/2023.
5. LOCATION OF MW-28 IS PROJECTED BASED ON CROSS-SECTION A-A' SHOWN ON FIGURE 2.
6. MW-10S MEASURED GROUNDWATER DEPTH NOT USED FOR GROUNDWATER ELEVATION CONTOURING.

PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:
GEOLOGIC CROSS SECTIONS A-A' AND B-B' TETRACHLOROETHENE (PCE) CONCENTRATIONS - OCTOBER 2023

DRAWN BY:	A. FOJTIK	PROJ NO.:	581184
CHECKED BY:	M. HOLICKY		
APPROVED BY:	S. SELLWOOD		**FIGURE 13**
DATE:	MAY 2024		

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Madison, WI 53717
Phone: 608.826.3663
www.trcsolutions.com

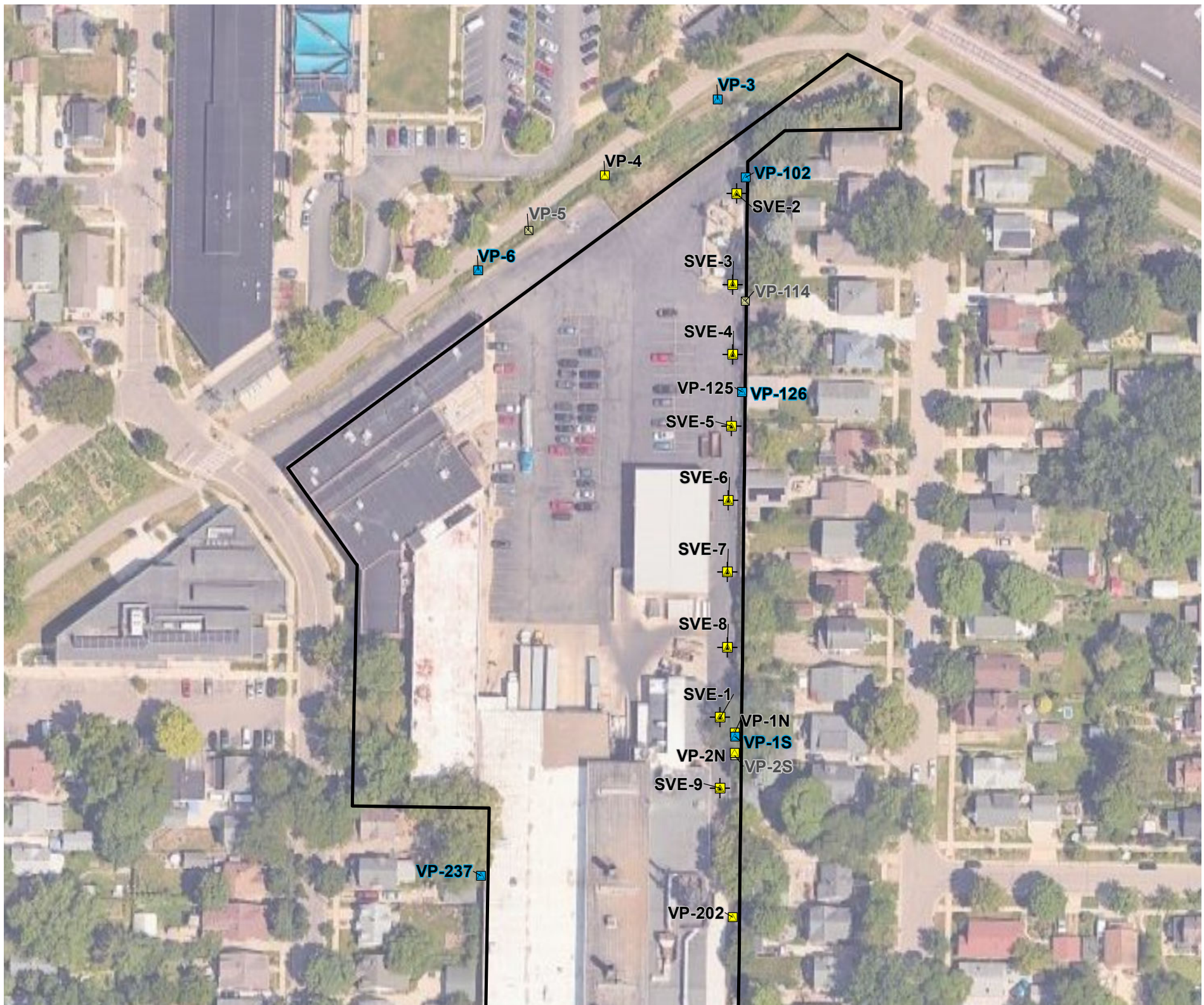
FILE NO.: 581184-013.mxd

Coordinate System: (None Defined)
Map Rotation: 0
Plot Date: 5/8/2024, 17:18:31 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\Madison\KIPPCorp\Madison\WI\581184\9-MXD\581184-013.mxd

Plot Date: 3/27/2024, 16:46:20 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-014.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- SITE PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SOIL EXTRACTION WELL
- VAPOR MONITORING POINT
- VAPOR MONITORING POINT (PROPOSED 2018 SAMPLING)
- VAPOR MONITORING POINT (LOST)

NOTES

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO, 2023.
2. PARCEL INFORMATION FROM WISCONSIN STATE CARTOGRAPHER'S OFFICE, 2018

0 100 200 FEET

1 " = 100 '

1:1,200

N

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Madison, WI 53717
Phone: 608.826.3600

PROJECT:

MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE:

SOIL VAPOR EXTRACTION WELL AND VAPOR MONITORING POINT LOCATION MAP

DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	K. VATER
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-014.mxd

FIGURE 14

Plot Date: 3/27/2024, 16:13:28 PM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
Path: T:\1-PROJECTS\MadisonKIPPCorp\MadisonWI\581184\9-MXD\581184-015.mxd
Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



NOTES

1. MH-4AR REPRESENTS TWO COLLECTION POINTS THAT MERGE INTO ONE DISCHARGE POINT.
2. MH-5AH REPRESENTS A DISCHARGE PIPE LOCATED IN MANHOLE MH-5A, BOTH ABANDONED IN 2017.
3. MH-2W AND THE SECTION OF PIPE BETWEEN MH -2W AND MH-2A WERE ABANDONED IN 2017.
4. BASE MAP IMAGERY FROM GOOGLE EARTH PRO, 2023.

LEGEND

- SITE PROPERTY BOUNDARY
- ROOF DRAIN INLET
- MANHOLE/CATCH BASIN
- OUTFALL
- S-1 PIPE SECTION
- S-2 PIPE SECTION
- S-3 PIPE SECTION
- S-3-ABANDONED (NOTE 3)
- S-4 PIPE SECTION

0 100 200 FEET

1 " = 100 '
1:1,200

N

TRC
999 Fourier Drive, Suite 101
Madison, WI 53717
Phone: 608.826.3600

PROJECT:
MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

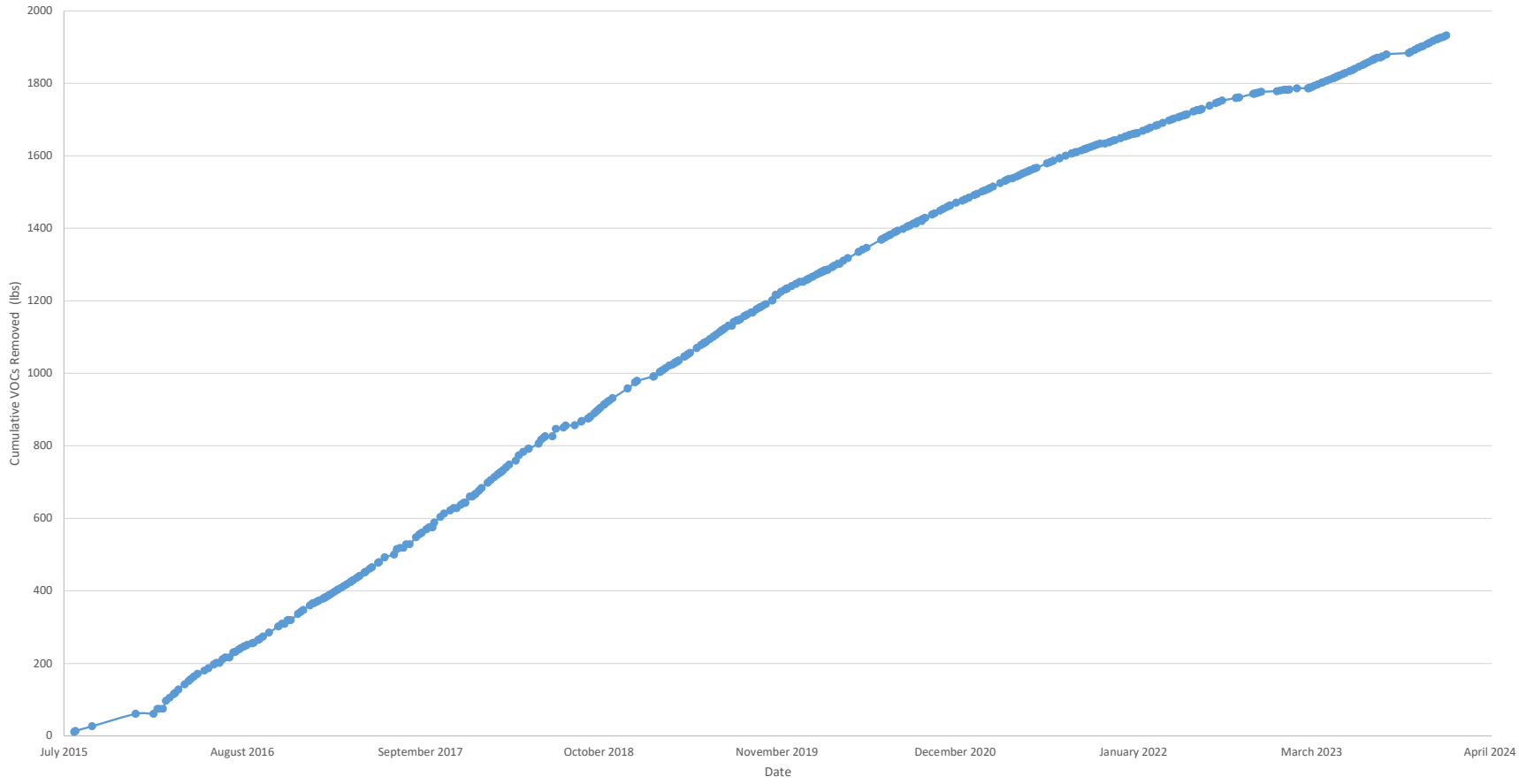
TITLE:
RAIN GARDEN SITE MAP AND STORM SEWER INFRASTRUCTURE

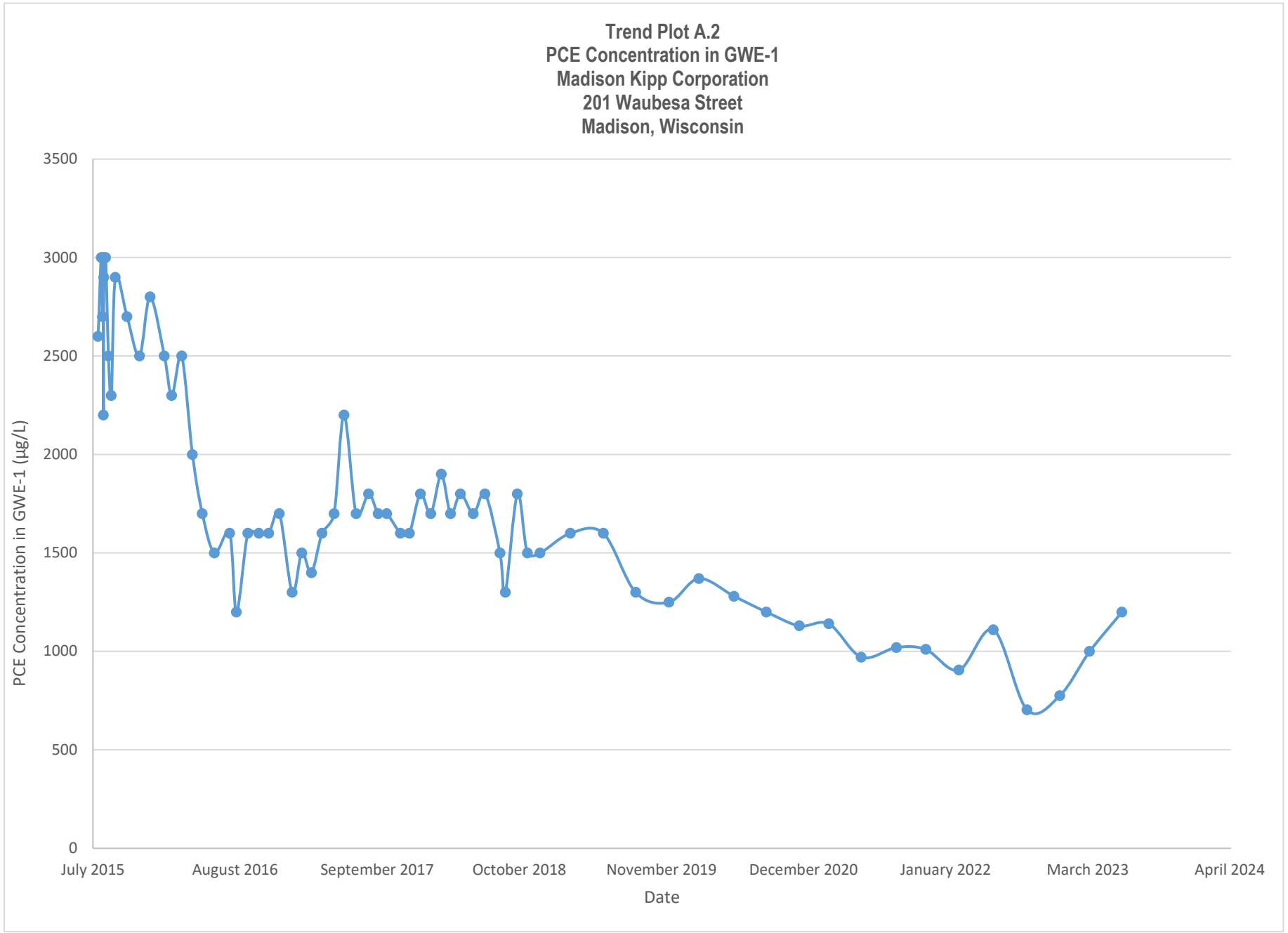
DRAWN BY:	A. FOJTIK
CHECKED BY:	M. HOLICKY
APPROVED BY:	K. VATER
DATE:	MAY 2024
PROJ. NO.:	581184
FILE:	581184-015.mxd

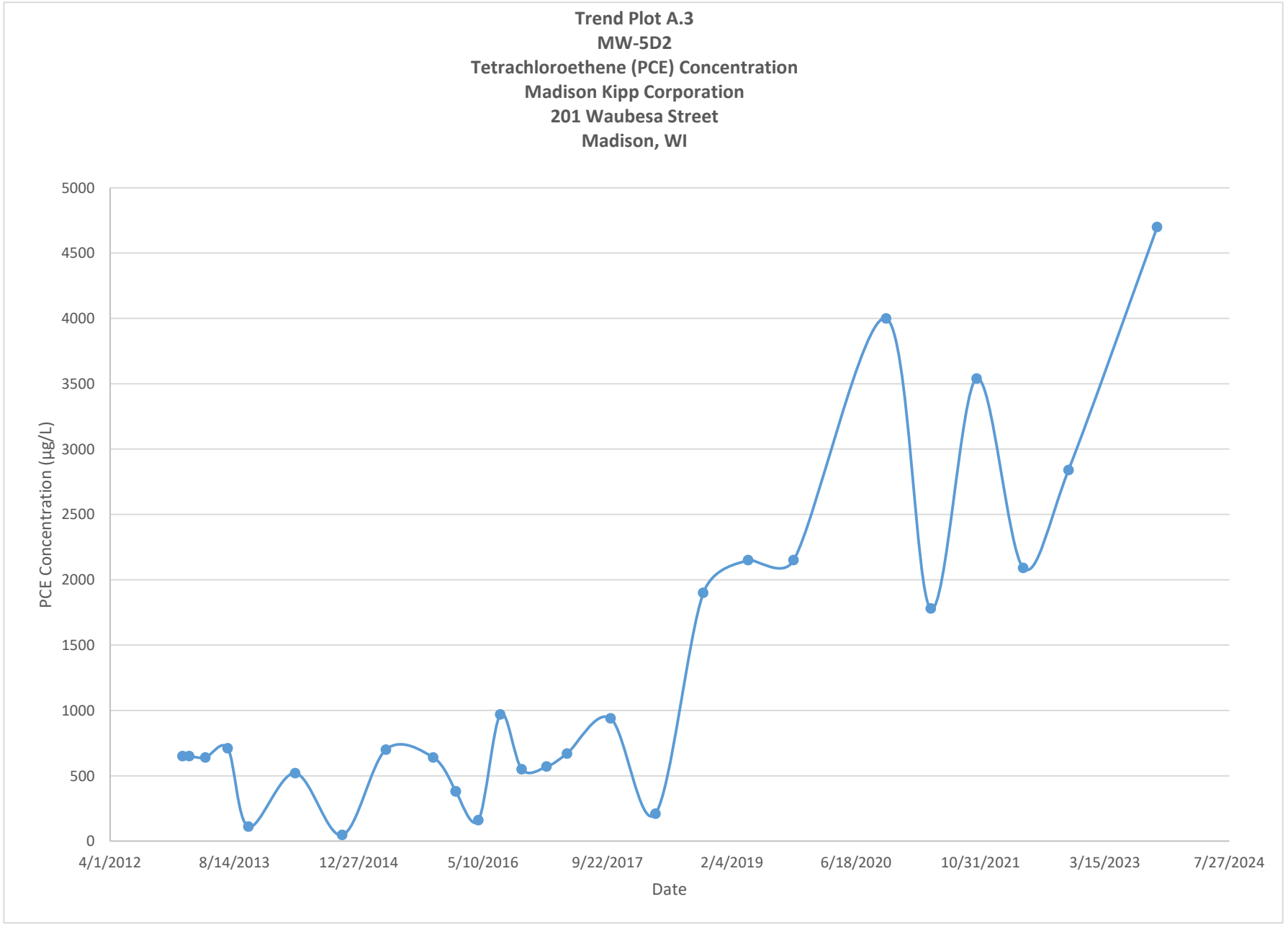
FIGURE 15

Appendix A: Trend Plots

Trend Plot A.1
Groundwater Extraction System Operation
Cumulative Volatile Organic Compounds (VOCs) Removed
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin




Trend Plot A.2
PCE Concentration in GWE-1
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin
PCE Concentration in GWE-1 (µg/L)
3500
3000
2500
2000
1500
1000
500
0
July 2015
August 2016
September 2017
October 2018
November 2019
December 2020
January 2022
March 2023
April 2024
Date


Trend Plot A.3
MW-5D2
Tetrachloroethene (PCE) Concentration
Madison Kipp Corporation
201 Waubesa Street
Madison, WI
PCE Concentration (µg/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
2/4/2019
6/18/2020
10/31/2021
3/15/2023
7/27/2024
Date

Appendix B: Remediation Site Operation, Maintenance, Monitoring, and Optimization Report Form 4400-194

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

GENERAL INSTRUCTIONS, PURPOSE AND APPLICABILITY OF THIS FORM:

Completion of the applicable portions of this form is required under Wis. Admin. Code § NR 724.13(3). Failure to submit this form as required is a violation of that rule section and is subject to the penalties in Wis. Stats. § 292.99. This form must be submitted every six months for remediation projects that report operation and maintenance progress, in accordance with Wis. Admin. Code §. NR 724.13(3). A narrative report or letter containing the equivalent information required in this form may be submitted in lieu of the actual form. Submittal of this form is not a substitute for reporting required by department programs such as Waste Water or Air Management.

Notes:

1. Long-term monitoring results submitted in accordance with Wis. Admin. Code § NR 724.17(3) are required to be submitted within 10 business days of receiving sampling results and are not required to be submitted using this form. However, portions of this form require monitoring data summary information that may be based on information previously submitted in accordance with that section of code.
2. Responsible parties should check with the department Project Manager assigned to the site to determine if this form is required to be submitted at sites responded to under the Federal Comprehensive Environmental Response and Compensation Act (commonly known as Superfund) or an equivalent state-lead response.
3. Responsible parties should check with the department Project Manager assigned to the site to determine if any of the information required in this form may be omitted or changed and should obtain prior written approval for any omissions or changes.
4. Responsible parties are required to report separately on a semi-annual basis under Wis. Admin. Code § NR 700.11(1). Reporting under that provision is through an internet-based form. More information can be found at: http://dnr.wi.gov/topic/Brownfields/documents/regs/NR700progreport.pdf.
5. Personally identifiable information on this form is not intended to be used for any other purpose than tracking progress of the remediation by Remediation and Redevelopment Program. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records Law (Wis. Stats. §§ 19.31–19.39).

Section GI - General Site Information

A. General Information

1. Site name
Madison-Kipp Corporation

2. Reporting period from:	To:	Days in period:
07/01/2023	12/31/2023	184

3. Regulatory agency (enter DNR, DATCP and/or other)	4. BRRTS ID No. (2 digit program-2 digit county-6 digit site specific)
DNR	02-13-558625

5. Site location

Region	County	Address
South Central Region	Dane	201 Waubesa Street

Municipality name	Township	Range	Section	¼	¼ ¼
◉ City ○ Town ○ Village: Madison	07 N	10 ◉ E ○ W	5	SW	NW

6. Responsible party	7. Consultant
Name: Mahlek Hamdan	☐ Select if the following information has changed since the last submittal
Mailing address: 201 Waubesa Street, Madison, WI 53704	Company name: TRC
Phone number: (608) 228-9528	Mailing address: 999 Fourier Dr. Suite 101, Madison, WI Phone number: (608) 826-3600

8. Contaminants
VOCs, metals, PCBs

9. Soil types (USCS or USDA)
CL, SP, GP

10. Hydraulic conductivity(cm/sec):	11. Average linear velocity of groundwater (ft/yr)
0.08 - 13.2	0.5 - 12.9

12. If soil is treated ex situ, is the treatment location off site? ◯ Yes ◉ No

If yes, give location: Region	County				
Municipality name ◯ City ◯ Town ◯ Village	Township N	Range ◯ E ◯ W	Section	¼	¼ ¼

B. Remediation Method

Only submit sections that apply to an individual site. Check all that apply:

- ☐ Landspreading/thinspreading of petroleum contaminated soil (submit a completed Section ES-2).
- ☐ Other ex situ remediation method (submit a completed Section ES-3).
- ☐ Site is a landfill (submit a completed Section LF-1).
- ☐ Biopiles (submit a completed Section ES-1).
- ☐ Other in situ soil remediation method (submit a completed Section IS-3).
- ☐ Soil natural attenuation (submit a completed Section IS-2).
- ☒ Soil venting (including soil vapor extraction building venting and bioventing submit a completed Section IS-1).
- ☐ Other groundwater remediation method (submit a completed Section GW-4).
- ☐ Groundwater natural attenuation (submit a completed Section GW-3).
- ☐ In situ air sparging (submit a completed Section GW-2).
- ☐ Free product recovery (submit a completed Section GW-1).
- ☒ Groundwater extraction (submit a completed Section GW-1).

C. General Effectiveness Evaluation for All Active Systems

If the remediation is active (not natural attentuation), complete this subsection.

1. Is the system operating at design rates and specifications? ◯ Yes ◉ No
   If the answer is no, explain whether or not modifications are necessary to achieve the goal that was previously established in design.
   The onsite soil vapor extraction system is under evaluation to determine if further operation is warranted. The system as approved by the WDNR was shutdown in 2018, and soil gas was monitored through 2019. The GETS system flow rate was adjusted to 40 gpm during the SVE shutdown period. Once the evaluation is complete, the GETS will be adjusted to allow for the system to run at 45 gpm again.
2. Are modifications to the system warranted to improve effectiveness ◯ Yes ◉ No
   If yes, explain:
3. Is natural attenuation an effective low cost option at this time? ◯ Yes ◉ No
4. Is closure sampling warranted at this time? ◯ Yes ◉ No
5. Are there any modifications that can be made to the remediation to improve cost effectiveness? ◉ Yes ◯ No
   If yes, explain:
   The onsite soil vapor extraction system is under evaluation to determine if further operation is warranted. The system as approved by the WDNR was shutdown in October 2018.

D. Economic and Cost Data to Date

1. Total investigation cost:
2. Implementation costs (design, capital and installation costs, excluding investigation costs:
3. Total costs during the previous reporting period:
4. Total costs during this reporting period:
5. Total anticipated costs for the next reporting period:
6. Are any unusual or one-time costs listed in the reporting periods covered by D.3., D.4. or D.5. above? ◯ Yes ◯ No

   If yes, explain:

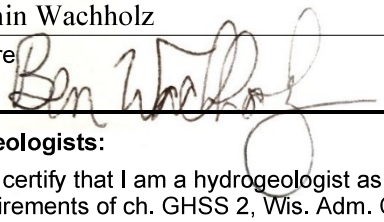
7. If closure is anticipated within 12 months, estimated costs for project closeout:

E. Name(s), Signature(s) and Date of Person(s) Submitting Form

Legibly print name, date and sign. Only persons qualified to submit reports under ch. NR 712 Wis. Adm. Code are to sign this form for sites with any ongoing active remediation, monitoring or an investigation. Other persons may sign this form for sites with no response activities during the six month reporting period.

Registered Professional Engineers:

I hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Benjamin Wachholz	Project Engineer
Signature 	Date June 24, 2024

Hydrogeologists:

I hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Signature	Date

Scientists:

I hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Signature	Date

Other Persons:

Print name	Title
Signature	Date

Professional Seal(s), if applicable:



Section GW-1, Groundwater Pump and Treat Systems and Free Product Recovery Systems

A. Groundwater Extraction System Operation:

1. Total number of groundwater extraction wells or trenches available: 1 and the number in use during period: 1

îò Number of days of operation (only list the number of days the system actually operated, if unknown explain:
The GETS was on for 122 days, however the flow rate was reduced to 38 gpm due to operating limitations with pump P200. In addition, the groundwater extraction pump P100 was off between August 24 to October 5 due to issues and was replaced on October 2.

íò System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:
66%, the flow rate was reduced from 40 gpm due to operating limitations with transfer pumps P100 and P200.

4. Quantity of groundwater extracted during this time period: 7,029,966 gallons
5. Average groundwater extraction rate: 26 gpm
6. Quantity of dissolved phase contaminants removed during this time period in pounds: 41 lbs

B. Free Product Recovery System Operation

1. Is free product (nonaqueous phase liquid) being recovered at this site? ○ Yes ◉ No
If yes, explain:

2. Quantity of free product extracted during this time period (enter none if none): _____ gallons
3. Average free product extraction rate: _____ gpm

C. System Effectiveness Evaluation

1. Is a contaminated groundwater plume fully contained in the capture zone? ◉ Yes ○ No
If no, explain:

2. If free product is present, is the free product fully contained in capture zone? ○ Yes ○ No
If no, explain:

3. If free product is present in any wells at the site, but free product was not recovered during reporting period, explain:

4. If free product is not present, determine the single contaminant that requires the greatest percent reduction to achieve ch. NR 140 ES and PAL. Perform this calculation for all contaminants that were present at the site that have ch. NR 140 standards. Use the highest contaminant concentration measured in any sampling points during reporting period. If free product is present, write "FREE PRODUCT" in C.4.a.

a. Contaminant: Tetrachloroethene
b. Percent reduction necessary to reach ch. NR 140 ES and PAL: 99 %
c. Maximum contaminant concentration level in any monitoring well of that contaminant: 4,700 µg/L
d. Maximum contaminant concentration level in any extraction well of that contaminant: 1200 µg/L

e. If the maximum concentration in a monitoring well is more that one order of magnitude above the concentration measured in an extraction well, explain why the extracted groundwater contamination levels are significantly less than the levels at other locations within the aquifer.
Not applicable

D. Additional Attachments

Attach the following to this form:

- Most recent report to the DNR Wastewater Program, if applicable.
- Groundwater contour map with capture zone indicated.
- Groundwater contaminant distribution map (may be combined with contour map).
- Graph of cumulative contaminant removal, if both free product recovery and ground water extraction are used, provide separate graphs. (Appendix A - Trend Plot A.1)
- Time versus groundwater contaminant concentration graphs for the contaminant listed in C.4.a. (above), as follows:
  - -- Graph of contaminant concentrations versus time for each extraction well in use during the period. (Appendix A - Trend Plot A.2)
  - -- Graph of contaminant concentrations versus time for the monitoring well with the greatest level of contamination. (Appendix A - Trend Plot A.3)
- Groundwater contaminant chemistry table. (Table 7 and Appendix E)
- Groundwater elevations table. (See Table 6)
- System operational data table. (See Table 1)

Section GW-2, In Situ Air Sparging Systems

A. In Situ Air Sparging System Operation

1. Number of air injection wells at the site and the number actually in use during the period: _____
2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):

3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:

B. System Effectiveness Evaluation

1. If free product is not present, determine the single contaminant that requires the greatest percent reduction to achieve ch. NR 140 ES and PAL. Perform this calculation for all contaminants that were present at the site that have ch. NR 140 standards. Use the highest contaminant concentration measured in any sampling points during reporting period. If free product is present, write "FREE PRODUCT" in B.1.a.

   a. Contaminant: _____

   b. Percent reduction necessary to reach ch. NR 140 ES and PAL: _____ %

   c. Maximum contaminant concentration level in any monitoring well: _____ µg/L

2. Is there any evidence that air is short circuiting through natural or man-made pathways? ◯ Yes ◯ No
   If yes, explain:

3. Is the size of the plume: ◯ Increasing ◯ Stabalized ◯ Decreasing ?
   If increasing, explain:

C. Additional Attachments

Attach the following to this form:

- Groundwater contour map.
- Groundwater contaminant distribution map (may be combined with contour map).
- When contaminants are aerobically biodegradable, attach a dissolved oxygen in groundwater map (dissolved oxygen may be combined with the contaminant data on a single map).
- Site map with all air injection wells and groundwater monitoring points.
- Graph of contaminant concentrations versus time for the contaminant listed in B.1.a. (above) for the monitoring point with the greatest level of contamination.
- Groundwater contaminant chemistry table.
- Groundwater elevations table.
- System operational data table.

Section GW-3, Natural Attenuation (Passive Bioremediation) in Groundwater

A. Effectiveness Evaluation

1. If free product is not present, determine the single contaminant that requires the greatest percent reduction to achieve ch. NR 140 ES and PAL. Perform this calculation for all contaminants that were present at the site that have ch. NR 140 standards. Use the highest contaminant concentration measured in any sampling points during reporting period. If free product is present, write "FREE PRODUCT" in A.1.a

   a. Contaminant: _____

   b. Percent reduction necessary to reach ch. NR 140 ES and PAL: _____ %

   c. Maximum contaminant concentration level in any monitoring well of that contaminant: _____ µg/L

2. Aquifer parameters:

   a. Hydraulic conductivity: _____ cm/sec

   b. Groundwater average linear velocity: _____ ft/yr

3. Is there a downgradient monitoring well that meets ch. NR 140 standards? ◯ Yes ◯ No

4. Based on water chemistry results, is the plume: ◯ Expanding ◯ Stabalized ◯ Contracting ?

5. If the answer in 4. (above) is "expanding," is natural attenuation still the best option? ◯ Yes ◯ No
   If yes, explain:

6. Biodegradation parameters:

   a. Upgradient (or other site specific background) DO level: _____ µg/L

   b. DO levels in the part of the plume that is most heavily contaminated _____ µg/L

7. Is site closure a viable option within 12 months from the date of this form? ◯ Yes ◯ No

8. Are there any modifications that can improve cost effectiveness? ◯ Yes ◯ No
   If yes, explain:

9. Have groundwater table fluctuations changed the contaminant level trends over time? ◯ Yes ◯ No
   If yes, explain:

10. Has the direction of groundwater flow changed during the reporting period? ◯ Yes ◯ No
    If yes, approximate change in degrees: _____

B. Additional Attachments

Attach the following:

- Groundwater contour map.
- Groundwater contaminant distribution map (may be combined with contour map).
- When contaminants are aerobically biodegradable, attach a dissolved oxygen in groundwater map (dissolved oxygen may be combined with the contaminant data on a single map).
- Graph of contaminant concentrations versus time for the contaminant listed in A.1.a. (above) for the monitoring point with the greatest level of contamination.
  Note: This is the minimum required graph; however, it is recommended that multiple time versus contamination concentration graphs as described in the instructions on page 24 for Natural Attenuation of Groundwater be submitted.
- Graph of contaminant concentrations versus distance.
- Groundwater contaminant chemistry table.
- Groundwater biological parameters.
- Groundwater elevations table.

Section GW-4, Other Groundwater Remediation Methods

A. Effectiveness Evaluation

1. If free product is not present, determine the single contaminant that requires the greatest percent reduction to achieve ch. NR 140 ES and PAL. Perform this calculation for all contaminants that were present at the site that have ch. NR 140 standards. Use the highest contaminant concentration measured in any sampling points during reporting period. If free product is present, write "FREE PRODUCT" in A.1.a.

   a. Contaminant: _____

   b. Percent reduction necessary: _____ %

   c. Maximum contaminant concentration level in any monitoring well: _____ µg/L

2. Is the size of the plume: ◯ Increasing ◯ Stabalized ◯ Decreasing ?

3. Describe the method used to remediate groundwater at the site:

4. List any additional information required by the DNR for this method for this site:

B. Additional Attachments

Attach the following:

- Groundwater contour map.
- Groundwater contaminant distribution map (may be combined with contour map).
- When contaminants are aerobically biodegradable, attach a dissolved oxygen in groundwater map (dissolved oxygen may be combined with the contaminant data on a single map).
- Graph of contaminant concentrations versus time for the contaminant listed in A.1.a. (above) for the monitoring point with the greatest level of contamination.
- Groundwater contaminant chemistry table.
- Groundwater elevations table.
- Any other attachments required by the DNR for this remediation method.

Section IS-1, Soil Venting (Including Soil Vapor Extraction, Building Venting and Bioventing)

A. Soil Venting Operation

Note: This form is not required for building vapor mitigation systems that are installed proactively to protect building occupants/users and are not considered part of ongoing active soil remediation.

1. Number of air extraction wells available and number of wells actually in use during the period: 0

2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):

0, SVE system shutdown in October 2018 per WDNR approval

3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:

0

4. Average depth to groundwater: 22.99 gpm

B. Building Basement/Subslab Venting System Operation

1. Number of venting points available and number of points actually in use during the period: 0

2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):
0

3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:
0

C. Effectiveness Evaluation

1. Average contaminant removal rate for the entire system: 0 pounds per day

2. Average contaminant removal rate per well or venting point: 0 pounds per day

3. If the average contaminant removal rate is less than one pound per day for the entire system, or if the average contaminant removal rate per well is less than one tenth of a pound per day, evaluate the following:

   a. If contaminants are aerobically biodegradable and confirmation borings have not been drilled in the past year:

      i. Oxygen levels in extracted air: _____ percent

      ii. Methane levels in extracted air (ppm_v) If over 10 ppm_v, explain:

      iii. If methane is not present above 10 ppm_v and if oxygen is greater than 20 percent in extracted air, you should either:

      - Drill confirmation borings during the next reporting period, if the entire site should be considered for closure.
      - Or, perform an in situ respirometry test in a zone of high contamination. Do not perform the test in an air extraction well, use a gas probe or water table well. If a zero order rate of decay based on oxygen depletion is less than 2 mg/kg per day, then you should drill confirmation borings, if the entire site should be considered for closure. If the rate of decay is between 2 and 10 mg/kg, operate for one more reporting period before evaluating further. If the zero order rate of decay is greater than 10 mg/kg total hydrocarbons, continue operating the system in a manner than maximizes aerobic biodegradation.

   b. If contaminants are not aerobically biodegradable and confirmation borings have not been recently drilled during the past year, you should drill confirmation borings during the next reporting period if the entire site should be considered for closure.

   c. If soil borings were drilled during the past year and soil contamination remains above acceptable levels, explain if the system effectiveness can be increased and/or if other options need to be considered to achieve cleanup criteria.

D. Additional Attachments

Attach the following to this form:

- Well and soil sample location map indicating all air extraction wells. If forced air injection wells are also in use, identify those wells.
- If water table monitoring wells are present at the site, a map of well locations.
- Time versus vapor phase contaminant concentration graph.
- Time versus cumulative contaminant removal graph.
- Groundwater elevations table, if water table wells are present at the site; also list screen lengths and elevations.
- Table of soil contaminant chemistry data.
- Soil gas data, if gas probes are used to monitor subsurface conditions in locations other than where air is extracted.
- System operational data table.

Section IS-2, Natural Attenuation (Passive Bioremediation) in Soil

A. Effectiveness Evaluation

1. Soil gas information in the soil that is most contaminated from a permanently installed gas probe(s) or water table monitoring well(s).
   a. Hydrocarbon levels: _____ ppm, with an FID
   b. Oxygen levels: _____ percent
   c. Carbon dioxide levels(specify ppm or percent): _____
   d. Methane levels: _____ ppm
2. Soil gas information in background (uncontaminated soil) from permanently installed gas probe(s)or water table monitoring well(s):
   a. Hydrocarbon levels: _____ ppm, with an FID
   b. Oxygen levels: _____ percent
   c. Carbon dioxide levels(specify ppm or percent): _____
   d. Methane levels: _____ ppm
3. List the results of the single boring that had the highest levels of soil contamination during the last round of soil sampling, and the date those samples were collected. Since soil borings are only drilled periodically, list the most recent data even if the data is prior to this reporting period. Since this data is used to assess progress based on the most recent soil sampling event, do not list data from prior sampling events.
   a. Total hydrocarbons (Specify if GRO and/or DRO): _____ µg/kg
   b. Specific compounds (µg/kg):
      i. Benzene: _____ µg/kg
      ii. 1,2 Dichloroethane: _____ µg/kg
      iii. Ethylbenzene: _____ µg/kg
      iv. Toluene: _____ µg/kg
      v. Total xylenes: _____ µg/kg
4. Is there any evidence that contaminants are leaching into groundwater? ◯ Yes ◯ No
   If the answer is yes and if groundwater quality is not being monitored, explain:
5. Is site closure a viable option within 12 months from the date of this form? ◯ Yes ◯ No
6. Are there any modifications that can be made to the remediation to improve cost effectiveness? ◯ Yes ◯ No
   If yes, explain:

B. Additional Attachments

Attach the following to this form:

- Well and soil sample location map.
- Cross sections showing the water table, soil sampling locations, screened intervals for gas probes or water table wells, geologic contacts, and any former excavation boundaries.
- Graphs of contaminant concentrations, oxygen, carbon dioxide and methane levels over time.
- Groundwater elevations table, if water table wells are present at the site.
- Table of soil contaminant chemistry.
- Table of soil gas readings.

Section IS-3, Other In Situ Soil Remediation Methods

A. Effectiveness Evaluation

1. Describe the method used to remediate soil at the site:

2. List all information required by the DNR for this remediation method for this site:

B. Additional Attachments

Attach the following to this form:

- Any other attachments required by the DNR for this remediation method.

Section ES-1, Ex Situ Soil Treatment Using Biopiles

A. Effectiveness Evaluation

1. Volume of soil in the biopile (if multiple biopiles, list number of piles and total volume):

2. Monitoring used to assess progress and verify optimal conditions for biodegradation.

   a. Vapor phase measurements of gases (average of all readings from most recent sampling event):

      i. VOCs by FID: _____ ppm

      ii. Oxygen: _____ percent

      iii. Carbon dioxide: _____ percent

      iv. Methane: _____ ppm

   b. Soil temperature: _____ °F

   c. Soil moisture sensors, if used: _____ percent

3. Treatment amendments added to the soil during construction:

   a. Artificial nutrients, excluding manure.

      i. Types and total pounds added:

      ii. Nitrogen and phosphorous content of the added amendment: _____ percent

   b. Manure: _____ total pounds

   c. Natural organic materials (straw, wood chips, etc.)(type and total pounds):

4. Forced air biopiles only answer the following:

   a. Total air flow rate of the ventilation system: _____ scfm

   b. Average contaminant removal rate: _____ pounds per day

   c. Average biodegradation rate based on oxygen utilization: _____ pounds per day

5. If soil samples have been taken to monitor progress, list results. Only list the most recent results. If none collected enter NA.

   a. Total hydrocarbons. Specify if GRO and/or DRO: _____ µg/kg

   b. Specific compounds (µg/kg):

      i. Benzene: _____ µg/kg

      ii. 1,2 Dichloroethane: _____ µg/kg

      iii. Ethylbenzene: _____ µg/kg

      iv. Toluene: _____ µg/kg

      v. Total xylenes: _____ µg/kg

B. Additional Attachments

Attach the following to this form:

- Figure showing the construction details of the biopile and any sampling locations within the biopile.
- Table of soil contaminant chemistry data.
- Table of operational data.

Section ES-2, Ex Situ Soil Treatment Using Landspreading/Thinspreading

A. Effectiveness Evaluation

1. Method used: ◯ landspreading ◯ thinspreading

Note: For purposes of this form, "landspreading" is the placement of contaminated soil on native topsoil, incorporation of that soil into the native soil and planting crops or other plants on it. The term "thinspreading" refers to placing contaminated soil on an impervious base for aeration.

2. Was any progress monitoring using field screening on soil conducted during this reporting period? ◯ Yes ◯ No

3. If the answer to A.2. (above) is yes:

i. List monitoring method:

ii. List monitoring results:

4. Is there any evidence of soil erosion at the landspreading/thinspreading location? ◯ Yes ◯ No

5. Spreading thickness: _____ inches

6. Type of crop planted (if thinspreading with no crop planted, so state):

7. Confirmation sampling date: _____ Anticipated confirmation sampling date: _____

8. Most recent soil sample results, if soil samples for laboratory analysis have been collected to monitor progress. Only list the highest result of the most recent sampling round. If no samples have been collected, enter NA.

a. Total hydrocarbons. Specify if GRO and/or DRO: _____ µg/kg

b. Specific compounds (µg/kg):

i. Benzene: _____ µg/kg

ii. 1,2 Dichloroethane: _____ µg/kg

iii. Ethylbenzene: _____ µg/kg

iv. Toluene: _____ µg/kg

v. Total xylenes: _____ µg/kg

B. Additional Attachments

Attach the following to this form:

- Map of the landspreading/thinspreading area. If soil samples have been collected, specify locations of samples and dates of sampling.
- Table of soil contaminant chemistry data.
- Table of any field screening results with dates of sample collection.

Section ES-3, Landfills

Note: Reporting forms or reporting requirements in a Department approved Operation and Maintenance Plan for a landfill may take the place of this form.

Specific Inspection Items	Potential Problem Areas	Status	Notes
Perimeter Security Fencing	Broken or missing wood slats, torn chain link fabric, barbed wire, other - list		
Entrance Gate and Locking Mechanism	Lock broken/missing, mechanism inoperative.		
Monitoring Wells and Wellhead Covers	Signs of tampering, casing damaged, lock missing.		
Final Cover Vegetation	Bare spots, stressed vegetation, deep rooted vegetation.		
Final Cover Slope (explain below)	Gullies, lack of vegetation, subsidence, ponding.		
Evidence of Burrowing Animals	Damage to final cover, evidence of waste.		
Stormwater Drainage Channels	Gullies, erosion, debris, culvert blocked.		
Passive Landfill Gas Venting System	Damaged or blocked vent risers, stressed vegetation.		
Active Landfill Gas Extraction System	Damaged or blocked piping, cleanouts, other blower flare, knockouts, etc.		
Leachate Collection System	Pumps, connection piping, collection system piping, extraction wells, collectiontanks, tanker truck loadingsystem or sanitary sewer discharge piping.		
Access Road Cover Mowing; Tall Vegetation Removal	Ponding, rutting, erosion, cracked or damaged pavement. Mowing and tallvegetation removal done tospecified vegetation.		

Summary of Deficiencies and/or Corrective Actions:

B. Additional Attachments

Attach the following to this form:

- Any photographs documenting problems and maintenance activities.
- Maps, drawings showing site features requiring maintenance.
- Records for leachate pumping/discharge/hauling.
- Records for active gas extraction volumes.

Appendix C: December 2023 WPDES DMR Submittal and Quarterly Laboratory Reports

Wastewater Discharge Monitoring Long Report

Facility Name: MADISON KIPP CORPORATION
Contact Address: 708 Heartland Trail, Suite 3000
Madison, WI 53717
Facility Contact: Andrew Stehn, Project Engineer
Phone Number: 608-826-3665
Reporting Period: 12/01/2023 - 12/31/2023
Form Due Date: 01/21/2024
Permit Number: 0046566

For DNR Use Only

Date Received:	
DOC:	531747
FIN:	7960
FID:	113125320
Region:	South Central Region
Permit Drafter:	Drafter not set
Reviewer:	Reviewer not set
Office:	Reviewer not set

	Sample Point	001	001
	Description	Surface Water Discharge	Surface Water Discharge
	Parameter	211	457
	Description	Flow Rate	Suspended Solids, Total
	Units	gpd	mg/L
	Sample Type	ESTIMATED	GRAB
	Frequency	DAILY	PER OCCURNCE
Sample Results	**Day 1**	54720	
	2	54720	
	3	54720	
	4	54720	
	5	54720	
	6	54720	
	7	35374	<1.9
	8	0	
	9	26746	
	10	57600	
	11	57600	
	12	57600	
	13	57600	
	14	40040	
	15	20889	
	16	57600	
	17	57600	
	18	57600	
	19	26040	
	20	0	
	21	0	
	22	30368	
	23	54720	
	24	54720	
	25	54720	
	26	54720	
	27	54720	
	28	54720	
	29	54720	
	30	54720	
	31	54720	

	Sample Point	001		001	
	Description	Surface Water Discharge		Surface Water Discharge	
	Parameter	211		457	
	Description	Flow Rate		Suspended Solids, Total	
	Units	gpd		mg/L	
Summary Values	**Monthly Avg**	45272.806451613		0	
	Daily Max	57600		<1.9	
	Daily Min	0		<1.9	
Limit(s) in Effect	**Daily Max**			40	0
QA/QC Information	**LOD**			1.9	
	LOQ			5	
	QC Exceedance	N		N	
	Lab Certification			999580010	

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

Scheduled cleaning and maintenance performed on 12/7/23 with other unplanned shutdowns occurring due to high water levels in air stripper. Reduced flow rates implemented while issues are worked through.

Laboratory Quality Control Comments

Submitted by bwachholz1 on 01/19/2024 12:24:21 PM

Wastewater Discharge Monitoring Short Report

Facility Name : MADISON KIPP CORPORATION
Contact Address : 708 Heartland Trail, Suite 3000
Madison, WI 53717
Facility Contact : Andrew Stehn, Project Engineer
Phone Number : 608-826-3665
Reporting Period : 10/01/2023 - 12/31/2023
Form Due Date : 01/21/2024
Permit Number : **0046566**

For DNR Use Only

Date Received:	
DOC:	532804
FIN:	7960
FID:	113125320
Region:	South Central Region
Permit Drafter:	Drafter not set
Reviewer:	Reviewer not set
Office:	Reviewer not set

Sample Point	Parameter #	Parameter	Date Sample	Sample Type	Sample Results	Units	Limit Type	Limit	LOD	LOQ	QC Exceed?	Lab Certification
001	40	Benzene	10/05/2023	GRAB	<0.15	ug/L	Monthly Avg	50(0)	0.15	0.50	N	999580010
001	54	BETX, Total	10/05/2023	GRAB	<0.40	ug/L	Monthly Avg	750(0)			N	999580010
001	393	PAHs	10/05/2023	GRAB	<0.015	ug/L	Monthly Avg	0.1(0)			N	399140830
001	44	Benzo(a)pyrene	10/05/2023	GRAB	<0.0025	ug/L	Monthly Avg	0.1(0)	0.0025	0.020	N	399140830
001	307	Naphthalene	10/05/2023	GRAB	<0.017	ug/L	Monthly Avg	70(0)	0.017	0.020	N	399140830
001	80	Bromoform	10/05/2023	GRAB	<0.45	ug/L	Monthly Avg	120(0)	0.45	1.0	N	999580010
001	93	Carbon tetrachloride	10/05/2023	GRAB	<0.38	ug/L		*****	0.38	1.0	N	999580010
001	118	Chloroform	10/05/2023	GRAB	<0.37	ug/L	Monthly Avg	120(0)	0.37	2.0	N	999580010
001	174	Dichlorobromo- methane (bromo-	10/05/2023	GRAB	<0.37	ug/L	Monthly Avg	120(0)	0.37	1.0	N	999580010
001	570	1,2-Dichloro- ethane	10/05/2023	GRAB	<0.39	ug/L	Monthly Avg	180(0)	0.39	1.0	N	999580010
001	558	1,1-Dichloro- ethylene	10/05/2023	GRAB	<0.39	ug/L	Monthly Avg	50(0)	0.39	1.0	N	999580010
001	82	Methyl bromide	10/05/2023	GRAB	<0.65	ug/L	Monthly Avg	120(0)	0.65	3.0	N	999580010
001	120	Chloromethane	10/05/2023	GRAB	<0.32	ug/L	Monthly Avg	120(0)	0.32	5.0	N	999580010
001	565	1,1,2,2-Tetrachloro- ethane	10/05/2023	GRAB	<0.40	ug/L	Monthly Avg	50(0)	0.40	1.0	N	999580010
001	490	Tetrachloroethylene	10/05/2023	GRAB	<0.37	ug/L	Monthly Avg	50(0)	0.37	1.0	N	999580010
001	563	1,1,2-Trichloro- ethane	10/05/2023	GRAB	<0.35	ug/L	Monthly Avg	50(0)	0.35	1.0	N	999580010
001	561	1,1,1-Trichloro- ethane	10/05/2023	GRAB	<0.38	ug/L	Monthly Avg	50(0)	0.38	1.0	N	999580010
001	508	Trichloro- ethylene	10/05/2023	GRAB	<0.16	ug/L	Monthly Avg	50(0)	0.16	0.50	N	999580010
001	517	Vinyl chloride	10/05/2023	GRAB	<0.20	ug/L	Monthly Avg	10(0)	0.20	1.0	N	999580010

Wastewater Discharge Monitoring Short Report

Footnotes (DNR Use Only; Instructions for completing this form that are unique for your facility may be displayed here.)

General Remarks

Carbon tetrachloride and tetrachloroethylene had qualifiers denoting that the LCS or LCSD was outside acceptance limits. Tetrachloroethylene and vinyl chloride had qualifiers denoting CCV Recovery was outside acceptance limits.
No BTEX or PAH Group of 10 parameters were reported above the laboratory LOD. The parameters with the highest detection limits were reported.

Laboratory Quality Control Comments

Submitted by bwachholz1 on 01/19/2024 12:25:40 PM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Stehn
TRC Environmental Corporation
999 Fourier Drive, Suite 101
Madison, Wisconsin 53717

Generated 10/11/2023 9:39:32 AM

JOB DESCRIPTION

MadisonKipp GETS 525152 Ph 2 Tsk 2

JOB NUMBER

500-240114-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
10/11/2023 9:39:32 AM

Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

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Certification Summary 17
Chain of Custody 18
Receipt Checklists 22

Job ID: 500-240114-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-240114-1

Receipt
The samples were received on 9/27/2023 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.2º C.

GC/MS VOA
Method 624.1: The continuing calibration verification (CCV) and laboratory control sample (LCS) associated with batch 500-734570 recovered above the outside control limit for Bromoform. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: Effluent (500-240114-1) and Trip Blank (500-240114-2).

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

GC/MS Semi VOA
Method 8270E SIM: The laboratory control sample (LCS) for preparation batch 200-196022 and analytical batch 200-196065 recovered outside control limits for the following analytes: Fluoranthene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E SIM: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to failure of quality control parameters in the initial analysis. Effluent (500-240114-1) This re-analysis is being reported as a confirmation of the initial analysis.

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

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 200-196022.

Method 3510C: The following sample(s) was re-prepared outside of preparation holding time due to samples requiring re-work to confirm original data. Effluent (500-240114-1).

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 200-196195.

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

Detection Summary

Client: TRC Environmental Corporation
Job ID: 500-240114-1
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Client Sample ID: Effluent
Lab Sample ID: 500-240114-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	12		1.0	0.37	ug/L	1		624.1	Total/NA
Trichloroethene	1.9		0.50	0.16	ug/L	1		624.1	Total/NA
Fluoranthene	0.0075	J B *	0.021	0.0059	ug/L	1		8270E SIM	Total/NA
Phenanthrene	0.051	B	0.021	0.015	ug/L	1		8270E SIM	Total/NA

Client Sample ID: Trip Blank
Lab Sample ID: 500-240114-2

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Job ID: 500-240114-1
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	EPA	EET CHI
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET BUR
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

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

Sample Summary

Client: TRC Environmental Corporation
Job ID: 500-240114-1
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-240114-1	Effluent	Water	09/26/23 14:15	09/27/23 09:25
500-240114-2	Trip Blank	Water	09/26/23 00:00	09/27/23 09:25

Client: TRC Environmental Corporation
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Job ID: 500-240114-1

Client Sample ID: Effluent

Date Collected: 09/26/23 14:15
Date Received: 09/27/23 09:25

Lab Sample ID: 500-240114-1

Matrix: Water

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/29/23 12:20	1
Bromoform	<0.45	^c *	1.0	0.45	ug/L			09/29/23 12:20	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/29/23 12:20	1
Chloroform	<0.37		2.0	0.37	ug/L			09/29/23 12:20	1
Chloromethane	<0.32		5.0	0.32	ug/L			09/29/23 12:20	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			09/29/23 12:20	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/29/23 12:20	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/29/23 12:20	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/29/23 12:20	1
Methyl bromide	<0.65		3.0	0.65	ug/L			09/29/23 12:20	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/29/23 12:20	1
Tetrachloroethene	**12**		1.0	0.37	ug/L			09/29/23 12:20	1
Toluene	<0.15		0.50	0.15	ug/L			09/29/23 12:20	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/29/23 12:20	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/29/23 12:20	1
Trichloroethene	**1.9**		0.50	0.16	ug/L			09/29/23 12:20	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/29/23 12:20	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			09/29/23 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*09/29/23 12:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*09/29/23 12:20*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/29/23 12:20*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.014		0.021	0.014	ug/L		10/02/23 13:30	10/03/23 15:48	1
Benzo[a]pyrene	<0.0027		0.021	0.0027	ug/L		10/02/23 13:30	10/03/23 15:48	1
Benzo[b]fluoranthene	<0.0039		0.021	0.0039	ug/L		10/02/23 13:30	10/03/23 15:48	1
Benzo[g,h,i]perylene	<0.0032		0.021	0.0032	ug/L		10/02/23 13:30	10/03/23 15:48	1
Benzo[k]fluoranthene	<0.0032		0.021	0.0032	ug/L		10/02/23 13:30	10/03/23 15:48	1
Chrysene	<0.0086		0.021	0.0086	ug/L		10/02/23 13:30	10/03/23 15:48	1
Dibenz(a,h)anthracene	<0.0031		0.021	0.0031	ug/L		10/02/23 13:30	10/03/23 15:48	1
Fluoranthene	**0.0075**	**J B ***	0.021	0.0059	ug/L		10/02/23 13:30	10/03/23 15:48	1
Indeno[1,2,3-cd]pyrene	<0.0033		0.021	0.0033	ug/L		10/02/23 13:30	10/03/23 15:48	1
Naphthalene	<0.018		0.021	0.018	ug/L		10/02/23 13:30	10/03/23 15:48	1
Phenanthrene	**0.051**	**B**	0.021	0.015	ug/L		10/02/23 13:30	10/03/23 15:48	1
Pyrene	<0.0076		0.021	0.0076	ug/L		10/02/23 13:30	10/03/23 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-methylnaphthalene-d10	*83*		*50 - 110*	*10/02/23 13:30*	*10/03/23 15:48*	*1*
Fluorene-d10 (Surr)	*86*		*60 - 110*	*10/02/23 13:30*	*10/03/23 15:48*	*1*
Benzo(a)pyrene-d12	*29*		*10 - 160*	*10/02/23 13:30*	*10/03/23 15:48*	*1*
Fluoranthene-d10	*94*		*50 - 120*	*10/02/23 13:30*	*10/03/23 15:48*	*1*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Job ID: 500-240114-1

Client Sample ID: Trip Blank

Date Collected: 09/26/23 00:00
Date Received: 09/27/23 09:25

Lab Sample ID: 500-240114-2

Matrix: Water

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/29/23 11:56	1
Bromoform	<0.45	^c *	1.0	0.45	ug/L			09/29/23 11:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/29/23 11:56	1
Chloroform	<0.37		2.0	0.37	ug/L			09/29/23 11:56	1
Chloromethane	<0.32		5.0	0.32	ug/L			09/29/23 11:56	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			09/29/23 11:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/29/23 11:56	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/29/23 11:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/29/23 11:56	1
Methyl bromide	<0.65		3.0	0.65	ug/L			09/29/23 11:56	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/29/23 11:56	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/29/23 11:56	1
Toluene	<0.15		0.50	0.15	ug/L			09/29/23 11:56	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/29/23 11:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/29/23 11:56	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/29/23 11:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/29/23 11:56	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			09/29/23 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*09/29/23 11:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*09/29/23 11:56*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*09/29/23 11:56*	*1*

Definitions/Glossary

Client: TRC Environmental Corporation
Job ID: 500-240114-1
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
^c	CCV Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Reported value was between the limit of detection and the limit of quantitation.

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: TRC Environmental Corporation
Job ID: 500-240114-1
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

GC/MS VOA

Analysis Batch: 734570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-240114-1	Effluent	Total/NA	Water	624.1	
500-240114-2	Trip Blank	Total/NA	Water	624.1	
MB 500-734570/6	Method Blank	Total/NA	Water	624.1	
LCS 500-734570/4	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 196022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-240114-1	Effluent	Total/NA	Water	3510C	
MB 200-196022/1-A	Method Blank	Total/NA	Water	3510C	
LCS 200-196022/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 200-196022/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 196065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-240114-1	Effluent	Total/NA	Water	8270E SIM	196022
MB 200-196022/1-A	Method Blank	Total/NA	Water	8270E SIM	196022
LCS 200-196022/2-A	Lab Control Sample	Total/NA	Water	8270E SIM	196022
LCSD 200-196022/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	196022

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Job ID: 500-240114-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DCA	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
500-240114-1	Effluent	106	95	96
500-240114-2	Trip Blank	103	94	93
LCS 500-734570/4	Lab Control Sample	97	93	94
MB 500-734570/6	Method Blank	100	95	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		2MN	FLR	BNAPd12	FLN
Lab Sample ID	Client Sample ID	(50-110)	(60-110)	(10-160)	(50-120)
500-240114-1	Effluent	83	86	29	94
LCS 200-196022/2-A	Lab Control Sample	79	87	81	115
LCSD 200-196022/3-A	Lab Control Sample Dup	68	75	70	93
MB 200-196022/1-A	Method Blank	77	84	79	108

Surrogate Legend

2MN = 2-methylnaphthalene-d10
FLR = Fluorene-d10 (Surr)
BNAPd12 = Benzo(a)pyrene-d12
FLN = Fluoranthene-d10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-734570/6
Matrix: Water
Analysis Batch: 734570

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/29/23 10:43	1
Bromoform	<0.45		1.0	0.45	ug/L			09/29/23 10:43	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/29/23 10:43	1
Chloroform	<0.37		2.0	0.37	ug/L			09/29/23 10:43	1
Chloromethane	<0.32		5.0	0.32	ug/L			09/29/23 10:43	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			09/29/23 10:43	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/29/23 10:43	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/29/23 10:43	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/29/23 10:43	1
Methyl bromide	<0.65		3.0	0.65	ug/L			09/29/23 10:43	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/29/23 10:43	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/29/23 10:43	1
Toluene	<0.15		0.50	0.15	ug/L			09/29/23 10:43	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/29/23 10:43	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/29/23 10:43	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/29/23 10:43	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/29/23 10:43	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			09/29/23 10:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*09/29/23 10:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*09/29/23 10:43*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/29/23 10:43*	*1*

Lab Sample ID: LCS 500-734570/4
Matrix: Water
Analysis Batch: 734570

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	41.3		ug/L		83	65 - 135
Bromoform	50.0	31.4	*	ug/L		63	70 - 130
Carbon tetrachloride	50.0	43.0		ug/L		86	70 - 130
Chloroform	50.0	41.2		ug/L		82	70 - 135
Chloromethane	50.0	39.9		ug/L		80	10 - 205
Dichlorobromomethane	50.0	38.4		ug/L		77	65 - 135
1,2-Dichloroethane	50.0	41.6		ug/L		83	70 - 130
1,1-Dichloroethene	50.0	42.4		ug/L		85	50 - 150
Ethylbenzene	50.0	41.5		ug/L		83	60 - 140
Methyl bromide	50.0	44.8		ug/L		90	15 - 185
1,1,2,2-Tetrachloroethane	50.0	34.7		ug/L		69	60 - 140
Tetrachloroethene	50.0	47.1		ug/L		94	70 - 130
Toluene	50.0	39.7		ug/L		79	70 - 130
1,1,1-Trichloroethane	50.0	43.5		ug/L		87	70 - 130
1,1,2-Trichloroethane	50.0	39.0		ug/L		78	70 - 130
Trichloroethene	50.0	45.4		ug/L		91	65 - 135
Vinyl chloride	50.0	43.7		ug/L		87	5 - 195

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-734570/4
Matrix: Water
Analysis Batch: 734570

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 200-196022/1-A
Matrix: Water
Analysis Batch: 196065

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 196022

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.014		0.020	0.014	ug/L		10/02/23 13:30	10/03/23 15:22	1
Benzo[a]pyrene	<0.0026		0.020	0.0026	ug/L		10/02/23 13:30	10/03/23 15:22	1
Benzo[b]fluoranthene	<0.0038		0.020	0.0038	ug/L		10/02/23 13:30	10/03/23 15:22	1
Benzo[g,h,i]perylene	<0.0031		0.020	0.0031	ug/L		10/02/23 13:30	10/03/23 15:22	1
Benzo[k]fluoranthene	<0.0031		0.020	0.0031	ug/L		10/02/23 13:30	10/03/23 15:22	1
Chrysene	<0.0083		0.020	0.0083	ug/L		10/02/23 13:30	10/03/23 15:22	1
Dibenz(a,h)anthracene	<0.0030		0.020	0.0030	ug/L		10/02/23 13:30	10/03/23 15:22	1
Fluoranthene	0.00881	J	0.020	0.0057	ug/L		10/02/23 13:30	10/03/23 15:22	1
Indeno[1,2,3-cd]pyrene	<0.0032		0.020	0.0032	ug/L		10/02/23 13:30	10/03/23 15:22	1
Naphthalene	<0.017		0.020	0.017	ug/L		10/02/23 13:30	10/03/23 15:22	1
Phenanthrene	0.0490		0.020	0.015	ug/L		10/02/23 13:30	10/03/23 15:22	1
Pyrene	<0.0074		0.020	0.0074	ug/L		10/02/23 13:30	10/03/23 15:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-methylnaphthalene-d10	*77*		*50 - 110*	*10/02/23 13:30*	*10/03/23 15:22*	*1*
Fluorene-d10 (Surr)	*84*		*60 - 110*	*10/02/23 13:30*	*10/03/23 15:22*	*1*
Benzo(a)pyrene-d12	*79*		*10 - 160*	*10/02/23 13:30*	*10/03/23 15:22*	*1*
Fluoranthene-d10	*108*		*50 - 120*	*10/02/23 13:30*	*10/03/23 15:22*	*1*

Lab Sample ID: LCS 200-196022/2-A
Matrix: Water
Analysis Batch: 196065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 196022

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	0.400	0.395		ug/L		99	55 - 120
Benzo[a]pyrene	0.400	0.320		ug/L		80	50 - 120
Benzo[b]fluoranthene	0.400	0.349		ug/L		87	45 - 120
Benzo[g,h,i]perylene	0.400	0.387		ug/L		97	30 - 125
Benzo[k]fluoranthene	0.400	0.320		ug/L		80	45 - 120
Chrysene	0.400	0.356		ug/L		89	45 - 115
Dibenz(a,h)anthracene	0.400	0.393		ug/L		98	30 - 130
Fluoranthene	0.400	0.487	*	ug/L		122	45 - 120
Indeno[1,2,3-cd]pyrene	0.400	0.401		ug/L		100	30 - 130
Naphthalene	0.400	0.306		ug/L		76	50 - 105
Phenanthrene	0.400	0.375		ug/L		94	50 - 110
Pyrene	0.400	0.351		ug/L		88	50 - 115

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCS 200-196022/2-A
Matrix: Water
Analysis Batch: 196065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 196022

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-methylnaphthalene-d10	*79*		*50 - 110*
Fluorene-d10 (Surr)	*87*		*60 - 110*
Benzo(a)pyrene-d12	*81*		*10 - 160*
Fluoranthene-d10	*115*		*50 - 120*

Lab Sample ID: LCSD 200-196022/3-A
Matrix: Water
Analysis Batch: 196065

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 196022

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene			0.400	0.338		ug/L		84	55 - 120	16	30
Benzo[a]pyrene			0.400	0.288		ug/L		72	50 - 120	11	30
Benzo[b]fluoranthene			0.400	0.302		ug/L		76	45 - 120	15	30
Benzo[g,h,i]perylene			0.400	0.348		ug/L		87	30 - 125	11	30
Benzo[k]fluoranthene			0.400	0.300		ug/L		75	45 - 120	6	30
Chrysene			0.400	0.314		ug/L		78	45 - 115	13	30
Dibenz(a,h)anthracene			0.400	0.356		ug/L		89	30 - 130	10	30
Fluoranthene			0.400	0.425		ug/L		106	45 - 120	14	30
Indeno[1,2,3-cd]pyrene			0.400	0.360		ug/L		90	30 - 130	11	30
Naphthalene			0.400	0.270		ug/L		68	50 - 105	12	30
Phenanthrene			0.400	0.346		ug/L		87	50 - 110	8	30
Pyrene			0.400	0.303		ug/L		76	50 - 115	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-methylnaphthalene-d10	*68*		*50 - 110*
Fluorene-d10 (Surr)	*75*		*60 - 110*
Benzo(a)pyrene-d12	*70*		*10 - 160*
Fluoranthene-d10	*93*		*50 - 120*

Lab Chronicle

Client: TRC Environmental Corporation
Job ID: 500-240114-1
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Client Sample ID: Effluent
Lab Sample ID: 500-240114-1
Date Collected: 09/26/23 14:15
Matrix: Water
Date Received: 09/27/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	734570	W1T	EET CHI	09/29/23 12:20
Total/NA	Prep	3510C			196022	KP	EET BUR	10/02/23 13:30 - 10/02/23 14:00 [1]
Total/NA	Analysis	8270E SIM		1	196065	K1P	EET BUR	10/03/23 15:48

Client Sample ID: Trip Blank
Lab Sample ID: 500-240114-2
Date Collected: 09/26/23 00:00
Matrix: Water
Date Received: 09/27/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	734570	W1T	EET CHI	09/29/23 11:56

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

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

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

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 500-240114-1
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-24

Laboratory: Eurofins Burlington

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	399140830	08-31-24

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

Chain of Custody Record

MKE 232

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Client Information	Sampler: Ben Wachholz	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-110979-46144 1
Client Contact: Andy Stehn	Phone: 608-354-3923	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: WI	Page: Page 1 of 1
Company: TRC Environmental Corporation	PWS D:			Job #: 500-240114
Address: 999 Fourier Drive Suite 101	Due Date Requested:			
City: Madison	TAT Requested (days): standard			
State Zip: WI 53717	Compliance Project: Δ Yes Δ No			
Phone: 608-807-8112	PO #: 197252			
Email: AStehn@trccompanies.com	WO #:			
Project Name: MadisonKipp GETS	Project #: 50021264			
Site: MKC Madison, WI	SSOW#:			

500-240114 COC

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	624_5ml VOC	2540D TSS	625_SIM PAH	Total Number of containers	Special Instructions/Note
			Preservation Code:				A	N	N		
1 EFFLUENT	9/26/23	14:15	G	Water			X		X		
2 Trip Blank	—	—	—	Water			X				
				Water							

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Y	Trizma
		Z	other (specify

Other:

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

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

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Ben Wachholz (TRC)	9/26/23 17:00	TRC		9/27/23 0925	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No:

Cooler Temperature(s) °C and Other Remarks: 1,2


ORIGIN ID:RRLA (608) 826-3663
ANDY STEHN
TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
UNITED STATES US
SHIP DATE: 08AUG23
ACTWGT: 25.00 LB MAN
CAD: 0269688/CAFE3709
TO SAMPLE RECIEPT
EUROFINS CHICAGO
2417 BOND STREET
UNIVERSITY PARK IL 60484
(708) 534-5200
INV
PO
RMA
REF
DEPT
500-240114 Waybi
FedEx
Express
FedEx
TRK#
0221
6578 9771 2654
WED - 27 SEP 10:30A
PRIORITY OVERNIGHT
XN JOTA
60484
IL-US
ORD

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

Chain of Custody Record

500-240114 Chain of Custody

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fredrick, Sandie		C No. 0-179513.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: Wisconsin	Page. Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State - Wisconsin; State Program - Wisconsin		Job #: 500-240114-1
Address: 530 Community Drive, Suite 11,	Due Date Requested: 10/10/2023			
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:			
Email:	WO #:			
Project Name: MadisonKipp GETS 525152 Ph 2 Tsk 2	Project #: 50021264			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_SIM/3510C SVOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Effluent (500-240114-1)	9/26/23	14:15 Central		Water			X	2	

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

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

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

Relinquished by:	Date/Time: 9/27/23 1515	Company	Received by:	Date/Time: 9/28/23 1030	Company ETA Buil
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:



TO SAMPLE RECEIPT
EUROFINS – BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660 – 1990
REF: 240114 141 SH

FedEx Express

1 of 2
TRK# 0201 7051 7617 2239
MASTER
NX BTVA

THU – 28 SEP 10:30A
PRIORITY OVERNIGHT

05403
VT – US BTV



TO SAMPLE RECEIPT
EUROFINS – BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660 – 1990
REF: 240114 141 SH

FedEx Express

2 of 2
MPS# 0263 7051 7617 2240
Mstr# 7051 7617 2239 0201
NX BTVA

THU – 28 SEP 10:30A
PRIORITY OVERNIGHT

05403
VT – US BTV

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-240114-1

Login Number: 240114
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	1.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-240114-1

Login Number: 240114
List Number: 2
Creator: Muniz, Luca

List Source: Eurofins Burlington
List Creation: 09/28/23 02:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2358383, -8384
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	0.8ºC, 1.7ºC
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	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Stehn
TRC Environmental Corporation
999 Fourier Drive, Suite 101
Madison, Wisconsin 53717

Generated 12/14/2023 5:50:36 PM

JOB DESCRIPTION

MadisonKipp Groundwater

JOB NUMBER

500-243589-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Compliance Statement

The LOD and LOQ reported are adjusted by the dilution factor when a dilution factor greater than 1 is needed. Additionally, where results are indicated as being reported on a dry weight basis, the LOD and LOQ are adjusted for moisture content as well.

Definitions of Limits
- LOD = Limit of Detection = MDL as defined by 40 CFR part 136 Appendix B
- LOQ = Limit of Quantitation = 3.33 x LOD as defined by Wisconsin
- RL = Report Limit = a concentration supported by a standard in the calibration curves

Authorization



Generated
12/14/2023 5:50:36 PM

Authorized for release by
Jodie Bracken, Project Manager I
Jodie.Bracken@ET.EurofinsUS.com
Designee for
Sandie Fredrick, Senior Project Manager
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

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Case Narrative

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-243589-1

Job ID: 500-243589-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-243589-1

Receipt
The samples were received on 12/8/2023 10:05 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.2º C.

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-243589-1

Client Sample ID: Influent — Lab Sample ID: 500-243589-1

No Detections.

Client Sample ID: Effluent — Lab Sample ID: 500-243589-2

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-243589-1

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	EET CHI

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-243589-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-243589-1	Influent	Water	12/07/23 13:35	12/08/23 10:05
500-243589-2	Effluent	Water	12/07/23 13:30	12/08/23 10:05

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-243589-1

Client Sample ID: Influent
Date Collected: 12/07/23 13:35
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243589-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	<1.9		5.0	1.9	mg/L			12/13/23 12:37	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-243589-1

Client Sample ID: Effluent
Date Collected: 12/07/23 13:30
Date Received: 12/08/23 10:05

Lab Sample ID: 500-243589-2
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	<1.9		5.0	1.9	mg/L			12/13/23 12:47	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-243589-1

Glossary

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

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-243589-1

General Chemistry

Analysis Batch: 746519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-243589-1	Influent	Total/NA	Water	SM 2540D	
500-243589-2	Effluent	Total/NA	Water	SM 2540D	
MB 500-746519/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 500-746519/2	Lab Control Sample	Total/NA	Water	SM 2540D	
500-243589-1 DU	Influent	Total/NA	Water	SM 2540D	
500-243589-2 DU	Effluent	Total/NA	Water	SM 2540D	

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 500-746519/1
Matrix: Water
Analysis Batch: 746519

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<1.9		5.0	1.9	mg/L			12/13/23 11:35	1

Lab Sample ID: LCS 500-746519/2
Matrix: Water
Analysis Batch: 746519

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			200	186.5		mg/L		93	80 - 120		

Lab Sample ID: 500-243589-1 DU
Matrix: Water
Analysis Batch: 746519

Client Sample ID: Influent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	<1.9			<1.9		mg/L				NC	5

Lab Sample ID: 500-243589-2 DU
Matrix: Water
Analysis Batch: 746519

Client Sample ID: Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	<1.9			<1.9		mg/L				NC	5

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-243589-1

Client Sample ID: Influent

Lab Sample ID: 500-243589-1

Date Collected: 12/07/23 13:35

Matrix: Water

Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540D		1	746519	SO	EET CHI	12/13/23 12:37 - 12/13/23 12:42 [1]

Client Sample ID: Effluent

Lab Sample ID: 500-243589-2

Date Collected: 12/07/23 13:30

Matrix: Water

Date Received: 12/08/23 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540D		1	746519	SO	EET CHI	12/13/23 12:47 - 12/13/23 12:51 [1]

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

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 500-243589-1
Project/Site: MadisonKipp Groundwater

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-24

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

Chain of Custody Record

eurofins
Environment Testing

Client Information

Client Contact: Ben Wachholz / Andrew Stem	Sampler: Andrew Stelm	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-115030-47337 1
Company: TRC Environmental Corporation	Phone: 608-807-8112	E-Mail: Sandra Fredrick@et.eurofinsus com	State of Origin:	Page: Page 1 of 1
Address: 999 Fourier Drive, Suite 101	PWSID:			Job #: 500-243589
City: Madison	Due Date Requested: —			
State, Zip: WI 53717	TAT Requested (days): Standard			
Phone: 60°-807-8112	Compliance Project: Δ Yes Δ No			
Email: BWachholz@trccompanies.com / astelm@trccompanies.com	PO: Purchase Order Requested 19252			
Project Name: MadisonKipp Groundwater	WO #: —			
Site: MKC - Madison	Project #: 50021412			
	SSOW#:			

Analysis Requested

500-243589 COC

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Y	Trizma
		Z	other (specify)

Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - TSS	Total Number of containers	Special Instructions/Note
				Preservation Code:		X	X	N	X	
1	INFLUENT	12/7/23	1335	G	Water			X		
2	EFFLUENT	12/7/23	1330	G	Water			X		
					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: Andrew M Stelm (TRC)	Date/Time: 12/7/23 16:00	Company	Received by: FEDEX	Date/Time: 12/7/23 16:00	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/8/23 1005	Company: EETMA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 1.3 → 1.2

Ver 06/08/2021

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-243589-1

Login Number: 243589
List Number: 1
Creator: Schmidt, Kara

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	1.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix D: Semi-Annual GETS Influent and Effluent Vapor Laboratory Analytical Reports

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ANALYTICAL REPORT

PREPARED FOR

Attn: Andrew Stehn
TRC Environmental Corporation.
708 Heartland Trail
Suite 3000
Madison, Wisconsin 53717

Generated 11/16/2023 5:02:28 PM

JOB DESCRIPTION

MKC Gets
200-70625

JOB NUMBER

200-70625-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
11/16/2023 5:02:28 PM

Authorized for release by
Kathryn Kelly, Project Manager II
Kathryn.Kelly@et.eurofinsus.com
(802)923-1021

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Definitions/Glossary

Client: TRC Environmental Corporation.
Project/Site: MKC Gets

Job ID: 200-70625-1
SDG: 200-70625

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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

Job ID: 200-70625-1

Laboratory: Eurofins Burlington

Narrative

Job Narrative
200-70625-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample 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 11/6/2023 12:00 PM. Unless otherwise noted below, the samples arrived in good condition.

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

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: MKC Gets

Job ID: 200-70625-1
SDG: 200-70625

Client Sample ID: EFFLUENT — Lab Sample ID: 200-70625-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.17	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	4.6		0.20	0.021	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.4		0.20	0.025	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	16		0.20	0.021	ppb v/v	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.43	J	0.51	0.054	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	31		1.4	0.14	ug/m3	1		TO-15	Total/NA
Trichloroethene	7.6		1.1	0.13	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	62		0.79	0.083	ug/m3	1		TO-15	Total/NA

Client Sample ID: INFLUENT — Lab Sample ID: 200-70625-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	400		4.0	0.42	ppb v/v	20		TO-15	Total/NA
Trichloroethene	160		4.0	0.50	ppb v/v	20		TO-15	Total/NA
cis-1,2-Dichloroethene	420		4.0	0.42	ppb v/v	20		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2700		27	2.8	ug/m3	20		TO-15	Total/NA
Trichloroethene	860		21	2.7	ug/m3	20		TO-15	Total/NA
cis-1,2-Dichloroethene	1700		16	1.7	ug/m3	20		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: TRC Environmental Corporation.
Project/Site: MKC Gets

Job ID: 200-70625-1
SDG: 200-70625

Client Sample ID: EFFLUENT
Date Collected: 11/01/23 09:52
Date Received: 11/06/23 12:00
Sample Container: Summa Canister 1L

Lab Sample ID: 200-70625-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			11/10/23 13:36	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			11/10/23 13:36	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			11/10/23 13:36	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			11/10/23 13:36	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			11/10/23 13:36	1
Vinyl chloride	**0.17**	**J**	0.20	0.021	ppb v/v			11/10/23 13:36	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			11/10/23 13:36	1
Freon TF	0.20	U	0.20	0.053	ppb v/v			11/10/23 13:36	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			11/10/23 13:36	1
Benzene	0.20	U	0.20	0.044	ppb v/v			11/10/23 13:36	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			11/10/23 13:36	1
Tetrachloroethene	**4.6**		0.20	0.021	ppb v/v			11/10/23 13:36	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			11/10/23 13:36	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			11/10/23 13:36	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			11/10/23 13:36	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			11/10/23 13:36	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			11/10/23 13:36	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			11/10/23 13:36	1
Toluene	0.20	U	0.20	0.062	ppb v/v			11/10/23 13:36	1
Xylene, o-	0.20	U	0.20	0.063	ppb v/v			11/10/23 13:36	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			11/10/23 13:36	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			11/10/23 13:36	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			11/10/23 13:36	1
Styrene	0.20	U	0.20	0.059	ppb v/v			11/10/23 13:36	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			11/10/23 13:36	1
1,1-Dichloroethene	0.20	U	0.20	0.026	ppb v/v			11/10/23 13:36	1
Trichloroethene	**1.4**		0.20	0.025	ppb v/v			11/10/23 13:36	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			11/10/23 13:36	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			11/10/23 13:36	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			11/10/23 13:36	1
cis-1,2-Dichloroethene	**16**		0.20	0.021	ppb v/v			11/10/23 13:36	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			11/10/23 13:36	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			11/10/23 13:36	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			11/10/23 13:36	1
Carbon tetrachloride	0.20	U	0.20	0.022	ppb v/v			11/10/23 13:36	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			11/10/23 13:36	1
Toluene, .alpha.-chloro-	0.20	U	0.20	0.088	ppb v/v			11/10/23 13:36	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			11/10/23 13:36	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			11/10/23 13:36	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			11/10/23 13:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			11/10/23 13:36	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			11/10/23 13:36	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			11/10/23 13:36	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			11/10/23 13:36	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			11/10/23 13:36	1
Vinyl chloride	**0.43**	**J**	0.51	0.054	ug/m3			11/10/23 13:36	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			11/10/23 13:36	1

Client Sample ID: EFFLUENT

Lab Sample ID: 200-70625-1

Date Collected: 11/01/23 09:52
Matrix: Air
Date Received: 11/06/23 12:00
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Freon TF	1.5	U	1.5	0.41	ug/m3			11/10/23 13:36	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			11/10/23 13:36	1
Benzene	0.64	U	0.64	0.14	ug/m3			11/10/23 13:36	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			11/10/23 13:36	1
Tetrachloroethene	**31**		1.4	0.14	ug/m3			11/10/23 13:36	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			11/10/23 13:36	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			11/10/23 13:36	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			11/10/23 13:36	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			11/10/23 13:36	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			11/10/23 13:36	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			11/10/23 13:36	1
Toluene	0.75	U	0.75	0.23	ug/m3			11/10/23 13:36	1
Xylene, o-	0.87	U	0.87	0.27	ug/m3			11/10/23 13:36	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			11/10/23 13:36	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			11/10/23 13:36	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			11/10/23 13:36	1
Styrene	0.85	U	0.85	0.25	ug/m3			11/10/23 13:36	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			11/10/23 13:36	1
1,1-Dichloroethene	0.79	U	0.79	0.10	ug/m3			11/10/23 13:36	1
Trichloroethene	**7.6**		1.1	0.13	ug/m3			11/10/23 13:36	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			11/10/23 13:36	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			11/10/23 13:36	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			11/10/23 13:36	1
cis-1,2-Dichloroethene	**62**		0.79	0.083	ug/m3			11/10/23 13:36	1
Chloroform	0.98	U	0.98	0.20	ug/m3			11/10/23 13:36	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			11/10/23 13:36	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			11/10/23 13:36	1
Carbon tetrachloride	1.3	U	1.3	0.14	ug/m3			11/10/23 13:36	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			11/10/23 13:36	1
Toluene, .alpha.-chloro-	1.0	U	1.0	0.46	ug/m3			11/10/23 13:36	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			11/10/23 13:36	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			11/10/23 13:36	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			11/10/23 13:36	1

Client Sample ID: INFLUENT

Lab Sample ID: 200-70625-2

Date Collected: 11/01/23 10:08
Matrix: Air
Date Received: 11/06/23 12:00
Sample Container: Summa Canister 1L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	10	U	10	2.2	ppb v/v			11/10/23 14:32	20
1,2-Dichlorotetrafluoroethane	4.0	U	4.0	0.96	ppb v/v			11/10/23 14:32	20
Chloromethane	10	U	10	3.0	ppb v/v			11/10/23 14:32	20
Bromomethane	4.0	U	4.0	1.4	ppb v/v			11/10/23 14:32	20
Chloroethane	10	U	10	3.6	ppb v/v			11/10/23 14:32	20
Vinyl chloride	4.0	U	4.0	0.42	ppb v/v			11/10/23 14:32	20
Trichlorofluoromethane	4.0	U	4.0	1.0	ppb v/v			11/10/23 14:32	20
Freon TF	4.0	U	4.0	1.1	ppb v/v			11/10/23 14:32	20

Client Sample ID: INFLUENT
Date Collected: 11/01/23 10:08
Date Received: 11/06/23 12:00
Sample Container: Summa Canister 1L

Lab Sample ID: 200-70625-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.0	U	4.0	0.88	ppb v/v			11/10/23 14:32	20
Benzene	4.0	U	4.0	0.88	ppb v/v			11/10/23 14:32	20
cis-1,3-Dichloropropene	4.0	U	4.0	0.90	ppb v/v			11/10/23 14:32	20
Tetrachloroethene	**400**		4.0	0.42	ppb v/v			11/10/23 14:32	20
1,1-Dichloroethane	4.0	U	4.0	0.50	ppb v/v			11/10/23 14:32	20
1,2-Dichloroethane	4.0	U	4.0	1.9	ppb v/v			11/10/23 14:32	20
1,2-Dichloropropane	4.0	U	4.0	1.9	ppb v/v			11/10/23 14:32	20
1,1,2-Trichloroethane	4.0	U	4.0	1.5	ppb v/v			11/10/23 14:32	20
Methylene Chloride	10	U	10	3.6	ppb v/v			11/10/23 14:32	20
1,2,4-Trimethylbenzene	4.0	U	4.0	1.6	ppb v/v			11/10/23 14:32	20
Toluene	4.0	U	4.0	1.2	ppb v/v			11/10/23 14:32	20
Xylene, o-	4.0	U	4.0	1.3	ppb v/v			11/10/23 14:32	20
Chlorobenzene	4.0	U	4.0	0.88	ppb v/v			11/10/23 14:32	20
1,3-Dichlorobenzene	4.0	U	4.0	1.5	ppb v/v			11/10/23 14:32	20
Methyl tert-butyl ether	4.0	U	4.0	0.72	ppb v/v			11/10/23 14:32	20
Styrene	4.0	U	4.0	1.2	ppb v/v			11/10/23 14:32	20
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.86	ppb v/v			11/10/23 14:32	20
1,1-Dichloroethene	4.0	U	4.0	0.52	ppb v/v			11/10/23 14:32	20
Trichloroethene	**160**		4.0	0.50	ppb v/v			11/10/23 14:32	20
Ethylbenzene	4.0	U	4.0	1.4	ppb v/v			11/10/23 14:32	20
1,3,5-Trimethylbenzene	4.0	U	4.0	0.94	ppb v/v			11/10/23 14:32	20
trans-1,3-Dichloropropene	4.0	U	4.0	1.1	ppb v/v			11/10/23 14:32	20
cis-1,2-Dichloroethene	**420**		4.0	0.42	ppb v/v			11/10/23 14:32	20
Chloroform	4.0	U	4.0	0.82	ppb v/v			11/10/23 14:32	20
m,p-Xylene	10	U	10	1.9	ppb v/v			11/10/23 14:32	20
1,2-Dibromoethane	4.0	U	4.0	0.84	ppb v/v			11/10/23 14:32	20
Carbon tetrachloride	4.0	U	4.0	0.44	ppb v/v			11/10/23 14:32	20
1,4-Dichlorobenzene	4.0	U	4.0	1.8	ppb v/v			11/10/23 14:32	20
Toluene, .alpha.-chloro-	4.0	U	4.0	1.8	ppb v/v			11/10/23 14:32	20
Hexachlorobutadiene	4.0	U	4.0	2.2	ppb v/v			11/10/23 14:32	20
1,2,4-Trichlorobenzene	10	U	10	6.6	ppb v/v			11/10/23 14:32	20
1,2-Dichlorobenzene	4.0	U	4.0	1.3	ppb v/v			11/10/23 14:32	20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	49	U	49	11	ug/m3			11/10/23 14:32	20
1,2-Dichlorotetrafluoroethane	28	U	28	6.7	ug/m3			11/10/23 14:32	20
Chloromethane	21	U	21	6.2	ug/m3			11/10/23 14:32	20
Bromomethane	16	U	16	5.5	ug/m3			11/10/23 14:32	20
Chloroethane	26	U	26	9.5	ug/m3			11/10/23 14:32	20
Vinyl chloride	10	U	10	1.1	ug/m3			11/10/23 14:32	20
Trichlorofluoromethane	22	U	22	5.6	ug/m3			11/10/23 14:32	20
Freon TF	31	U	31	8.1	ug/m3			11/10/23 14:32	20
1,1,1-Trichloroethane	22	U	22	4.8	ug/m3			11/10/23 14:32	20
Benzene	13	U	13	2.8	ug/m3			11/10/23 14:32	20
cis-1,3-Dichloropropene	18	U	18	4.1	ug/m3			11/10/23 14:32	20
Tetrachloroethene	**2700**		27	2.8	ug/m3			11/10/23 14:32	20
1,1-Dichloroethane	16	U	16	2.0	ug/m3			11/10/23 14:32	20
1,2-Dichloroethane	16	U	16	7.5	ug/m3			11/10/23 14:32	20
1,2-Dichloropropane	18	U	18	8.7	ug/m3			11/10/23 14:32	20

Client: TRC Environmental Corporation.
Project/Site: MKC Gets

Job ID: 200-70625-1
SDG: 200-70625

Client Sample ID: INFLUENT
Date Collected: 11/01/23 10:08
Date Received: 11/06/23 12:00
Sample Container: Summa Canister 1L

Lab Sample ID: 200-70625-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	22	U	22	8.1	ug/m3			11/10/23 14:32	20
Methylene Chloride	35	U	35	13	ug/m3			11/10/23 14:32	20
1,2,4-Trimethylbenzene	20	U	20	7.9	ug/m3			11/10/23 14:32	20
Toluene	15	U	15	4.7	ug/m3			11/10/23 14:32	20
Xylene, o-	17	U	17	5.5	ug/m3			11/10/23 14:32	20
Chlorobenzene	18	U	18	4.1	ug/m3			11/10/23 14:32	20
1,3-Dichlorobenzene	24	U	24	8.9	ug/m3			11/10/23 14:32	20
Methyl tert-butyl ether	14	U	14	2.6	ug/m3			11/10/23 14:32	20
Styrene	17	U	17	5.0	ug/m3			11/10/23 14:32	20
1,1,2,2-Tetrachloroethane	27	U	27	5.9	ug/m3			11/10/23 14:32	20
1,1-Dichloroethene	16	U	16	2.1	ug/m3			11/10/23 14:32	20
Trichloroethene	**860**		21	2.7	ug/m3			11/10/23 14:32	20
Ethylbenzene	17	U	17	6.0	ug/m3			11/10/23 14:32	20
1,3,5-Trimethylbenzene	20	U	20	4.6	ug/m3			11/10/23 14:32	20
trans-1,3-Dichloropropene	18	U	18	4.9	ug/m3			11/10/23 14:32	20
cis-1,2-Dichloroethene	**1700**		16	1.7	ug/m3			11/10/23 14:32	20
Chloroform	20	U	20	4.0	ug/m3			11/10/23 14:32	20
m,p-Xylene	43	U	43	8.3	ug/m3			11/10/23 14:32	20
1,2-Dibromoethane	31	U	31	6.5	ug/m3			11/10/23 14:32	20
Carbon tetrachloride	25	U	25	2.8	ug/m3			11/10/23 14:32	20
1,4-Dichlorobenzene	24	U	24	11	ug/m3			11/10/23 14:32	20
Toluene, .alpha.-chloro-	21	U	21	9.1	ug/m3			11/10/23 14:32	20
Hexachlorobutadiene	43	U	43	23	ug/m3			11/10/23 14:32	20
1,2,4-Trichlorobenzene	74	U	74	49	ug/m3			11/10/23 14:32	20
1,2-Dichlorobenzene	24	U	24	7.9	ug/m3			11/10/23 14:32	20

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-197345/4
Matrix: Air
Analysis Batch: 197345

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			11/10/23 10:33	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			11/10/23 10:33	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			11/10/23 10:33	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			11/10/23 10:33	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			11/10/23 10:33	1
Vinyl chloride	0.20	U	0.20	0.021	ppb v/v			11/10/23 10:33	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			11/10/23 10:33	1
Freon TF	0.20	U	0.20	0.053	ppb v/v			11/10/23 10:33	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			11/10/23 10:33	1
Benzene	0.20	U	0.20	0.044	ppb v/v			11/10/23 10:33	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			11/10/23 10:33	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			11/10/23 10:33	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			11/10/23 10:33	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			11/10/23 10:33	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			11/10/23 10:33	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			11/10/23 10:33	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			11/10/23 10:33	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			11/10/23 10:33	1
Toluene	0.20	U	0.20	0.062	ppb v/v			11/10/23 10:33	1
Xylene, o-	0.20	U	0.20	0.063	ppb v/v			11/10/23 10:33	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			11/10/23 10:33	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			11/10/23 10:33	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			11/10/23 10:33	1
Styrene	0.20	U	0.20	0.059	ppb v/v			11/10/23 10:33	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			11/10/23 10:33	1
1,1-Dichloroethene	0.20	U	0.20	0.026	ppb v/v			11/10/23 10:33	1
Trichloroethene	0.20	U	0.20	0.025	ppb v/v			11/10/23 10:33	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			11/10/23 10:33	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			11/10/23 10:33	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			11/10/23 10:33	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.021	ppb v/v			11/10/23 10:33	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			11/10/23 10:33	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			11/10/23 10:33	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			11/10/23 10:33	1
Carbon tetrachloride	0.20	U	0.20	0.022	ppb v/v			11/10/23 10:33	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			11/10/23 10:33	1
Toluene, .alpha.-chloro-	0.20	U	0.20	0.088	ppb v/v			11/10/23 10:33	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			11/10/23 10:33	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			11/10/23 10:33	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			11/10/23 10:33	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			11/10/23 10:33	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			11/10/23 10:33	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			11/10/23 10:33	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			11/10/23 10:33	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			11/10/23 10:33	1
Vinyl chloride	0.51	U	0.51	0.054	ug/m3			11/10/23 10:33	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-197345/4
Matrix: Air
Analysis Batch: 197345

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			11/10/23 10:33	1
Freon TF	1.5	U	1.5	0.41	ug/m3			11/10/23 10:33	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			11/10/23 10:33	1
Benzene	0.64	U	0.64	0.14	ug/m3			11/10/23 10:33	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			11/10/23 10:33	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			11/10/23 10:33	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			11/10/23 10:33	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			11/10/23 10:33	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			11/10/23 10:33	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			11/10/23 10:33	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			11/10/23 10:33	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			11/10/23 10:33	1
Toluene	0.75	U	0.75	0.23	ug/m3			11/10/23 10:33	1
Xylene, o-	0.87	U	0.87	0.27	ug/m3			11/10/23 10:33	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			11/10/23 10:33	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			11/10/23 10:33	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			11/10/23 10:33	1
Styrene	0.85	U	0.85	0.25	ug/m3			11/10/23 10:33	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			11/10/23 10:33	1
1,1-Dichloroethene	0.79	U	0.79	0.10	ug/m3			11/10/23 10:33	1
Trichloroethene	1.1	U	1.1	0.13	ug/m3			11/10/23 10:33	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			11/10/23 10:33	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			11/10/23 10:33	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			11/10/23 10:33	1
cis-1,2-Dichloroethene	0.79	U	0.79	0.083	ug/m3			11/10/23 10:33	1
Chloroform	0.98	U	0.98	0.20	ug/m3			11/10/23 10:33	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			11/10/23 10:33	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			11/10/23 10:33	1
Carbon tetrachloride	1.3	U	1.3	0.14	ug/m3			11/10/23 10:33	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			11/10/23 10:33	1
Toluene, .alpha.-chloro-	1.0	U	1.0	0.46	ug/m3			11/10/23 10:33	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			11/10/23 10:33	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			11/10/23 10:33	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			11/10/23 10:33	1

Lab Sample ID: LCS 200-197345/3
Matrix: Air
Analysis Batch: 197345

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10.0	10.9		ppb v/v		109	61 - 142
1,2-Dichlorotetrafluoroethane	10.0	10.3		ppb v/v		103	71 - 141
Chloromethane	10.0	11.5		ppb v/v		115	56 - 141
Bromomethane	10.0	10.1		ppb v/v		101	72 - 124
Chloroethane	10.0	11.0		ppb v/v		110	68 - 130
Vinyl chloride	10.0	11.6		ppb v/v		116	61 - 135
Trichlorofluoromethane	10.0	9.62		ppb v/v		96	70 - 129
Freon TF	10.0	9.82		ppb v/v		98	70 - 121
1,1,1-Trichloroethane	10.0	9.50		ppb v/v		95	72 - 127

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-197345/3
Matrix: Air
Analysis Batch: 197345

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	10.0	9.60		ppb v/v		96	73 - 119
cis-1,3-Dichloropropene	10.0	9.71		ppb v/v		97	74 - 125
Tetrachloroethene	10.0	10.0		ppb v/v		100	70 - 125
1,1-Dichloroethane	10.0	9.40		ppb v/v		94	66 - 130
1,2-Dichloroethane	10.0	9.55		ppb v/v		96	68 - 135
1,2-Dichloropropane	10.0	9.75		ppb v/v		98	69 - 128
1,1,2-Trichloroethane	10.0	9.77		ppb v/v		98	75 - 126
Methylene Chloride	10.0	9.76		ppb v/v		98	59 - 137
1,2,4-Trimethylbenzene	10.0	10.2		ppb v/v		102	71 - 129
Toluene	10.0	9.69		ppb v/v		97	75 - 122
Xylene, o-	10.0	10.0		ppb v/v		100	73 - 123
Chlorobenzene	10.0	10.0		ppb v/v		100	76 - 119
1,3-Dichlorobenzene	10.0	11.0		ppb v/v		110	69 - 131
Methyl tert-butyl ether	10.0	9.62		ppb v/v		96	70 - 127
Styrene	10.0	10.1		ppb v/v		101	74 - 125
1,1,2,2-Tetrachloroethane	10.0	10.2		ppb v/v		102	74 - 126
1,1-Dichloroethene	10.0	9.77		ppb v/v		98	68 - 120
Trichloroethene	10.0	9.53		ppb v/v		95	73 - 122
Ethylbenzene	10.0	9.88		ppb v/v		99	74 - 122
1,3,5-Trimethylbenzene	10.0	10.1		ppb v/v		101	72 - 126
trans-1,3-Dichloropropene	10.0	9.64		ppb v/v		96	74 - 128
cis-1,2-Dichloroethene	10.0	9.38		ppb v/v		94	72 - 121
Chloroform	10.0	9.53		ppb v/v		95	73 - 124
m,p-Xylene	20.0	20.1		ppb v/v		101	76 - 121
1,2-Dibromoethane	10.0	9.87		ppb v/v		99	78 - 122
Carbon tetrachloride	10.0	9.59		ppb v/v		96	71 - 133
1,4-Dichlorobenzene	10.0	11.2		ppb v/v		112	67 - 132
Toluene, .alpha.-chloro-	10.0	10.7		ppb v/v		107	60 - 136
Hexachlorobutadiene	10.0	10.6		ppb v/v		106	58 - 130
1,2,4-Trichlorobenzene	10.0	11.6		ppb v/v		116	50 - 150
1,2-Dichlorobenzene	10.0	11.1		ppb v/v		111	68 - 129

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49	54.1		ug/m3		109	61 - 142
1,2-Dichlorotetrafluoroethane	70	72.3		ug/m3		103	71 - 141
Chloromethane	21	23.8		ug/m3		115	56 - 141
Bromomethane	39	39.1		ug/m3		101	72 - 124
Chloroethane	26	29.0		ug/m3		110	68 - 130
Vinyl chloride	26	29.8		ug/m3		116	61 - 135
Trichlorofluoromethane	56	54.0		ug/m3		96	70 - 129
Freon TF	77	75.2		ug/m3		98	70 - 121
1,1,1-Trichloroethane	55	51.8		ug/m3		95	72 - 127
Benzene	32	30.7		ug/m3		96	73 - 119
cis-1,3-Dichloropropene	45	44.1		ug/m3		97	74 - 125
Tetrachloroethene	68	67.8		ug/m3		100	70 - 125
1,1-Dichloroethane	40	38.1		ug/m3		94	66 - 130
1,2-Dichloroethane	40	38.6		ug/m3		96	68 - 135
1,2-Dichloropropane	46	45.1		ug/m3		98	69 - 128
1,1,2-Trichloroethane	55	53.3		ug/m3		98	75 - 126

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-197345/3
Matrix: Air
Analysis Batch: 197345

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	35	33.9		ug/m3		98	59 - 137
1,2,4-Trimethylbenzene	49	50.2		ug/m3		102	71 - 129
Toluene	38	36.5		ug/m3		97	75 - 122
Xylene, o-	43	43.6		ug/m3		100	73 - 123
Chlorobenzene	46	46.1		ug/m3		100	76 - 119
1,3-Dichlorobenzene	60	66.2		ug/m3		110	69 - 131
Methyl tert-butyl ether	36	34.7		ug/m3		96	70 - 127
Styrene	43	43.2		ug/m3		101	74 - 125
1,1,2,2-Tetrachloroethane	69	69.9		ug/m3		102	74 - 126
1,1-Dichloroethene	40	38.7		ug/m3		98	68 - 120
Trichloroethene	54	51.2		ug/m3		95	73 - 122
Ethylbenzene	43	42.9		ug/m3		99	74 - 122
1,3,5-Trimethylbenzene	49	49.9		ug/m3		101	72 - 126
trans-1,3-Dichloropropene	45	43.8		ug/m3		96	74 - 128
cis-1,2-Dichloroethene	40	37.2		ug/m3		94	72 - 121
Chloroform	49	46.5		ug/m3		95	73 - 124
m,p-Xylene	87	87.3		ug/m3		101	76 - 121
1,2-Dibromoethane	77	75.8		ug/m3		99	78 - 122
Carbon tetrachloride	63	60.3		ug/m3		96	71 - 133
1,4-Dichlorobenzene	60	67.5		ug/m3		112	67 - 132
Toluene, .alpha.-chloro-	52	55.5		ug/m3		107	60 - 136
Hexachlorobutadiene	110	113		ug/m3		106	58 - 130
1,2,4-Trichlorobenzene	74	86.2		ug/m3		116	50 - 150
1,2-Dichlorobenzene	60	66.5		ug/m3		111	68 - 129

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: MKC Gets

Job ID: 200-70625-1
SDG: 200-70625

Air - GC/MS VOA

Analysis Batch: 197345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-70625-1	EFFLUENT	Total/NA	Air	TO-15	
200-70625-2	INFLUENT	Total/NA	Air	TO-15	
MB 200-197345/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-197345/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: MKC Gets

Job ID: 200-70625-1
SDG: 200-70625

Client Sample ID: EFFLUENT
Date Collected: 11/01/23 09:52
Date Received: 11/06/23 12:00

Lab Sample ID: 200-70625-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	197345	A1B	EET BUR	11/10/23 13:36

Client Sample ID: INFLUENT
Date Collected: 11/01/23 10:08
Date Received: 11/06/23 12:00

Lab Sample ID: 200-70625-2
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		20	197345	A1B	EET BUR	11/10/23 14:32

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: MKC Gets

Job ID: 200-70625-1
SDG: 200-70625

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-18-24
Florida	NELAP	E87467	06-30-24
Minnesota	NELAP	050-999-436	12-31-23
New Hampshire	NELAP	2006	12-18-23
New Jersey	NELAP	VT972	06-30-24
New York	NELAP	10391	03-31-24
Pennsylvania	NELAP	68-00489	04-30-24
Rhode Island	State	LAO00298	12-31-24
US Fish & Wildlife	US Federal Programs	058448	07-31-24
Vermont	State	VT4000	02-10-24
Virginia	NELAP	460209	12-14-23
Wisconsin	State	399140830	08-31-24

Method Summary

Client: TRC Environmental Corporation.
Project/Site: MKC Gets

Job ID: 200-70625-1
SDG: 200-70625

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: TRC Environmental Corporation.
Project/Site: MKC Gets

Job ID: 200-70625-1
SDG: 200-70625

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-70625-1	EFFLUENT	Air	11/01/23 09:52	11/06/23 12:00	Air Canister (1-Liter) #5944
200-70625-2	INFLUENT	Air	11/01/23 10:08	11/06/23 12:00	Air Canister (1-Liter) #6464

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
200-70625	11/06/23	16:01	29.8	22	G40	zk

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-70625-A-1	5944	-5.8	N	8647	98/25	N	6465-57039	100/200 ML
200-70625-A-2	6464	-1.0	N	7779	98/25	N	6465-57039	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660 1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples

eurofins | Environment Testing America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** Andy Stehn	**Samples Collected By:** ~~BW~~ BW Ben Wachholz
Company Name: TRC	**Phone:** 608-807-8112	
Address: 994 Fourier Drive Suite 101	**Email:** astehn@trc	
City/State/Zip: Madison, WI 53717		
Phone: 608-807-8112	**Site Contact:**	
FAX	**Tel/Fax**	
Project Name: MKC GETS	**Analysis Turnaround Time**	
Site/Location: WI	Standard (Specific):	
P O #	Rush (Specifiy):	

COC No: 1 of 1 COCs

TALS Project #:

For Lab Use Only:
Walk-in Client:
Lab Sampling.

Job / SDG No..

(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
effluent	11/1/23	9.45	11/1/23	9.52	-26	-5	9825	5944	X														
influent	11/1/23	10:01	11/1/23	10:08	-30	-5	7779	6464	X														

200-70625 Chain of Custody

Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop			

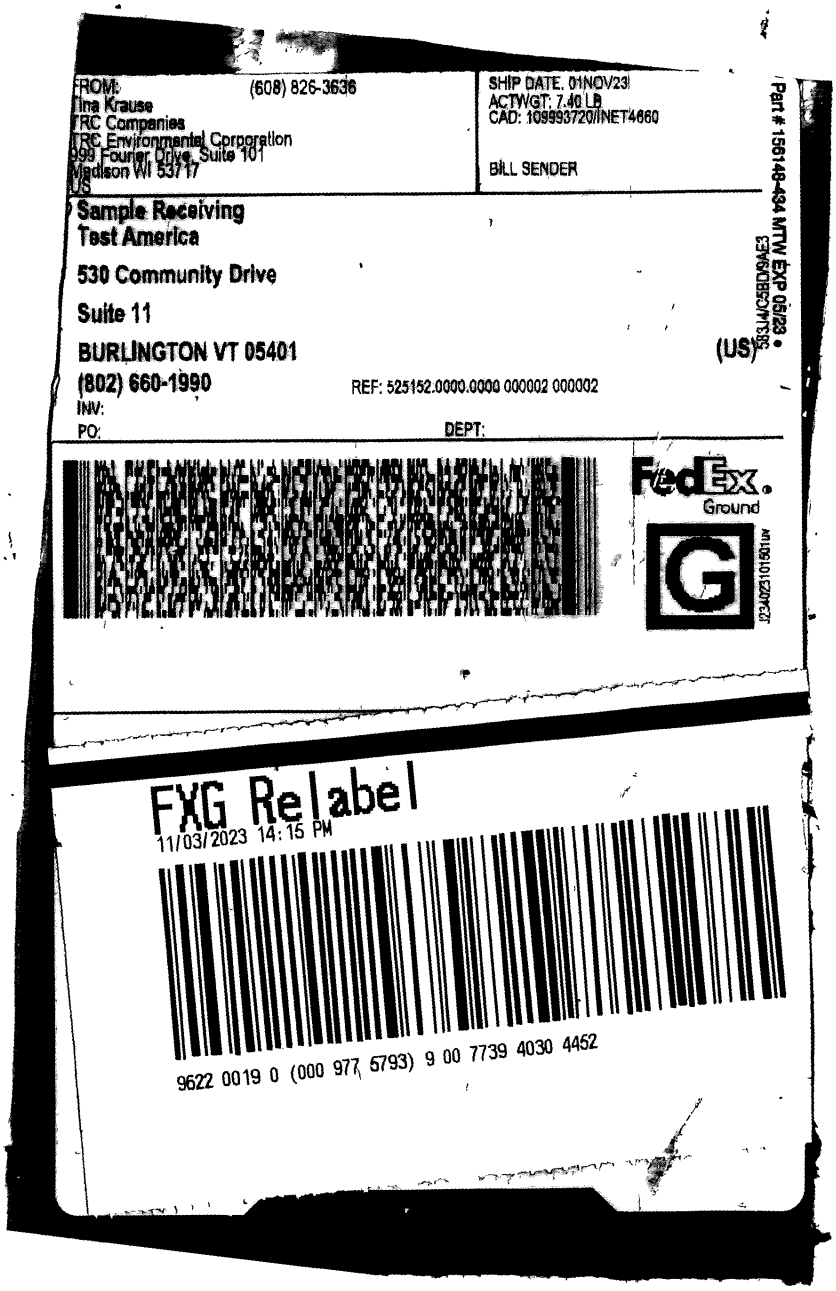
Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop			

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Ben Wachholz (TRC)	**Date / Time:** 11/1/23 13:00	**Samples Received by:**	11/6/2023 12:00
Samples Relinquished by:	**Date / Time:**	**Received by:**	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

11/16/2023


FROM:
(608) 826-3636
Tina Krause
TRC Companies
TRC Environmental Corporation
999 Fourier Drive, Suite 101
Madison WI 53717
US
SHIP DATE: 01NOV23
ACTWGT: 7.40 LB
CAD: 109993720/INET4660
BILL SENDER
Sample Receiving
Test America
530 Community Drive
Suite 11
BURLINGTON VT 05401
(US)
(802) 660-1990
REF: 525152.0000.0000 000002 000002
INV:
PO:
DEPT:
Part # 156149-434 MTW EXP 05/23
FedEx Ground
FXG Relabel
11/03/2023 14:15 PM
9622 0019 0 (000 977 5793) 9 00 7739 4030 4452

Login Sample Receipt Checklist

Client: TRC Environmental Corporation.

Job Number: 200-70625-1
SDG Number: 200-70625

Login Number: 70625
List Number: 1
Creator: Khudaier, Zahraa

List Source: Eurofins Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2220896
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.	N/A	Thermal preservation not required.
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 3/4	10	32	9/13/2023	1348	23	23	SML	1 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5944	10.8	10.8	0	30.0	G26	9/14/23	1313	SL	21.0	G26	9/28/23	1055	SL	22.0
2	34001000		10.8	0		G26					G26				
3	4853		10.8	0		G26					G26				
4	6464		10.8	0		G26					G26				
5	6465	10.8	10.8	0		G26	9/28/23	1055	SL	22.0	G26				
6	34000865	10.8	10.8	0	30.0	G26	9/14/23	1313	SL	21.0	G26				
7	34000982		10.8	0		G26					G26				
8	6489		10.8	0		G26					G26				
9	5907		10.8	0		G26					G26				
10	5920		10.8	0		G26					G26				
11	34002435		10.8	0		G26					G26				
12	34000981		10.8	0		G26					G26				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
6465	9/16/23	57039	ABI			XXXXXXX			9/16/23	CC

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

200-69919-A-5
6465
Location: Air-Storage
Bottle: Summa Canister 1L
Sampled: 9/13/2023 12:00 AM 200-1789100
Loc: 200
69919
#5 A
Air-Storag

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-69919-1

SDG No.:

Client Sample ID: 6465 Lab Sample ID: 200-69919-5

Matrix: Air Lab File ID: 200-57039-023.D

Analysis Method: TO-15 Date Collected: 09/13/2023 00:00

Sample wt/vol: 200(mL) Date Analyzed: 09/16/2023 02:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 195468 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	5.0	U	5.0	5.0
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.50
75-45-6	Freon 22	0.50	U	0.50	0.50
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.20
74-87-3	Chloromethane	0.50	U	0.50	0.50
106-97-8	n-Butane	0.50	U	0.50	0.50
75-01-4	Vinyl chloride	0.20	U	0.20	0.20
106-99-0	1,3-Butadiene	0.20	U	0.20	0.20
74-83-9	Bromomethane	0.20	U	0.20	0.20
75-00-3	Chloroethane	0.50	U	0.50	0.50
593-60-2	Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.20
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.20
64-17-5	Ethanol	5.0	U	5.0	5.0
76-13-1	Freon TF	0.20	U	0.20	0.20
75-35-4	1,1-Dichloroethene	0.20	U	0.20	0.20
67-64-1	Acetone	5.0	U	5.0	5.0
67-63-0	Isopropyl alcohol	5.0	U	5.0	5.0
75-15-0	Carbon disulfide	0.50	U	0.50	0.50
107-05-1	3-Chloropropene	0.50	U	0.50	0.50
75-09-2	Methylene Chloride	0.50	U	0.50	0.50
75-65-0	tert-Butyl alcohol	5.0	U	5.0	5.0
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.20
156-60-5	trans-1,2-Dichloroethene	0.20	U	0.20	0.20
110-54-3	n-Hexane	0.50	U	0.50	0.50
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	5.0
141-78-6	Ethyl acetate	5.0	U	5.0	5.0
78-93-3	Methyl Ethyl Ketone	0.50	U	0.50	0.50
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.20	0.20
540-59-0	1,2-Dichloroethene, Total	0.40	U	0.40	0.40
67-66-3	Chloroform	0.20	U	0.20	0.20
109-99-9	Tetrahydrofuran	5.0	U	5.0	5.0
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.20
110-82-7	Cyclohexane	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-69919-1

SDG No.:

Client Sample ID: 6465 Lab Sample ID: 200-69919-5

Matrix: Air Lab File ID: 200-57039-023.D

Analysis Method: TO-15 Date Collected: 09/13/2023 00:00

Sample wt/vol: 200(mL) Date Analyzed: 09/16/2023 02:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 195468 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.20	U	0.20	0.20
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.20
71-43-2	Benzene	0.20	U	0.20	0.20
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.20
142-82-5	n-Heptane	0.20	U	0.20	0.20
79-01-6	Trichloroethene	0.20	U	0.20	0.20
80-62-6	Methyl methacrylate	0.50	U	0.50	0.50
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.20
123-91-1	1,4-Dioxane	5.0	U	5.0	5.0
75-27-4	Bromodichloromethane	0.20	U	0.20	0.20
10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.20	0.20
108-10-1	methyl isobutyl ketone	0.50	U	0.50	0.50
108-88-3	Toluene	0.20	U	0.20	0.20
10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.20	0.20
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.20
127-18-4	Tetrachloroethene	0.20	U	0.20	0.20
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.50
124-48-1	Dibromochloromethane	0.20	U	0.20	0.20
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.20
108-90-7	Chlorobenzene	0.20	U	0.20	0.20
100-41-4	Ethylbenzene	0.20	U	0.20	0.20
179601-23-1	m,p-Xylene	0.50	U	0.50	0.50
95-47-6	Xylene, o-	0.20	U	0.20	0.20
1330-20-7	Xylene (total)	0.70	U	0.70	0.70
100-42-5	Styrene	0.20	U	0.20	0.20
75-25-2	Bromoform	0.20	U	0.20	0.20
98-82-8	Cumene	0.20	U	0.20	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.20
103-65-1	n-Propylbenzene	0.20	U	0.20	0.20
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.20
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.20
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.20
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.20
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-69919-1

SDG No.:

Client Sample ID: 6465 Lab Sample ID: 200-69919-5

Matrix: Air Lab File ID: 200-57039-023.D

Analysis Method: TO-15 Date Collected: 09/13/2023 00:00

Sample wt/vol: 200(mL) Date Analyzed: 09/16/2023 02:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 195468 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.20
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.20
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.20
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.20
100-44-7	Benzyl chloride	0.20	U	0.20	0.20
104-51-8	n-Butylbenzene	0.20	U	0.20	0.20
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.20
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.20
91-20-3	Naphthalene	0.50	U	0.50	0.50

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20230915-57039.b\200-57039-023.D
Lims ID: 200-69919-A-5
Client ID: 6465
Sample Type: Client
Inject. Date: 16-Sep-2023 02:00:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0057039-023
Misc. Info.: 69919-5
Operator ID: vtp Instrument ID: CHG.i

Method: \\chromfs\Burlington\ChromData\CHG.i\20230915-57039.b\TO15_MasterMethod_(v1)_G.m
Limit Group: AI_TO15_ICAL
Last Update: 18-Sep-2023 11:17:39 Calib Date: 08-Sep-2023 00:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20230907-56952.b\200-56952-013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: bunmaa Date: 18-Sep-2023 11:17:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.094				ND	7
2 Dichlorodifluoromethane	85		3.153				ND	
3 Chlorodifluoromethane	51		3.174				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.367				ND	
5 Chloromethane	50		3.447				ND	
6 Vinyl chloride	62		3.645				ND	
7 Butane	43		3.650				ND	
8 Butadiene	54		3.720				ND	
9 Bromomethane	94		4.206				ND	
10 Chloroethane	64		4.399				ND	
12 Vinyl bromide	106		4.715				ND	
13 Trichlorofluoromethane	101		4.843				ND	
15 Ethanol	45		5.116				ND	
18 1,1-Dichloroethene	96		5.731				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		5.763				ND	
19 Acetone	43		5.779				ND	
22 Isopropyl alcohol	45		6.041				ND	
23 Carbon disulfide	76		6.111				ND	
25 3-Chloro-1-propene	41		6.352				ND	
26 Methylene Chloride	49		6.560				ND	
27 2-Methyl-2-propanol	59		6.769				ND	
29 trans-1,2-Dichloroethene	61		7.052				ND	
30 Methyl tert-butyl ether	73		7.074				ND	
31 Hexane	57		7.566				ND	
32 1,1-Dichloroethane	63		7.791				ND	
33 Vinyl acetate	43		7.801				ND	
34 2-Butanone (MEK)	72		8.754				ND	
35 cis-1,2-Dichloroethene	96		8.770				ND	
36 Ethyl acetate	88		8.829				ND	
* 37 Chlorobromomethane	128	9.182	9.182	0.000	93	74444	10.0	
38 Tetrahydrofuran	42		9.257				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
39 Chloroform	83		9.364				ND	
S 43 1,2-Dichloroethene, Total	61		9.665				ND	7
40 1,1,1-Trichloroethane	97		9.695				ND	
41 Cyclohexane	84		9.850				ND	
42 Carbon tetrachloride	117		9.989				ND	
44 Benzene	78		10.348				ND	7
45 1,2-Dichloroethane	62		10.423				ND	
46 Isooctane	57		10.621				ND	
47 n-Heptane	43		10.963				ND	
* 48 1,4-Difluorobenzene	114	11.166	11.166	0.000	94	453048	10.0	
50 Trichloroethene	95		11.648				ND	
51 1,2-Dichloropropane	63		12.145				ND	
54 Methyl methacrylate	69		12.279				ND	
53 Dibromomethane	174		12.317				ND	
55 1,4-Dioxane	88		12.322				ND	
56 Dichlorobromomethane	83		12.670				ND	
58 cis-1,3-Dichloropropene	75		13.558				ND	
59 4-Methyl-2-pentanone (MIBK)	43		13.873				ND	
60 Toluene	92	14.269	14.259	0.000	20	402	0.0261	
65 trans-1,3-Dichloropropene	75		14.708				ND	
66 1,1,2-Trichloroethane	83		15.109				ND	
67 Tetrachloroethene	166		15.334				ND	
68 2-Hexanone	43		15.580				ND	
69 Chlorodibromomethane	129		15.890				ND	
70 Ethylene Dibromide	107		16.142				ND	
* 71 Chlorobenzene-d5	117	17.126	17.126	0.000	87	293573	10.0	
72 Chlorobenzene	112		17.185				ND	
73 Ethylbenzene	91	17.410	17.410	0.006	1	852	0.0267	M
74 m-Xylene & p-Xylene	106		17.688				ND	
76 o-Xylene	106		18.490				ND	MU
77 Styrene	104		18.533				ND	
78 Bromoform	173		18.891				ND	
79 Isopropylbenzene	105		19.271				ND	
S 82 Xylenes, Total	106		19.600				ND	7
80 1,1,2,2-Tetrachloroethane	83		19.817				ND	
83 N-Propylbenzene	91		20.047				ND	
84 2-Chlorotoluene	91		20.191				ND	
85 4-Ethyltoluene	105		20.261				ND	
86 1,3,5-Trimethylbenzene	105		20.357				ND	
89 tert-Butylbenzene	119		20.865				ND	
90 1,2,4-Trimethylbenzene	105		20.956				ND	
91 sec-Butylbenzene	105		21.208				ND	
92 1,3-Dichlorobenzene	146		21.374				ND	
93 4-Isopropyltoluene	119		21.438				ND	
94 1,4-Dichlorobenzene	146		21.523				ND	
95 Benzyl chloride	91		21.673				ND	
97 n-Butylbenzene	91		22.005				ND	
96 1,2-Dichlorobenzene	146		22.021				ND	
100 1,2,4-Trichlorobenzene	180		24.460				ND	
101 Hexachlorobutadiene	225		24.717				ND	
102 Naphthalene	128		24.926				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00019 Amount Added: 20.00 Units: mL Run Reagent

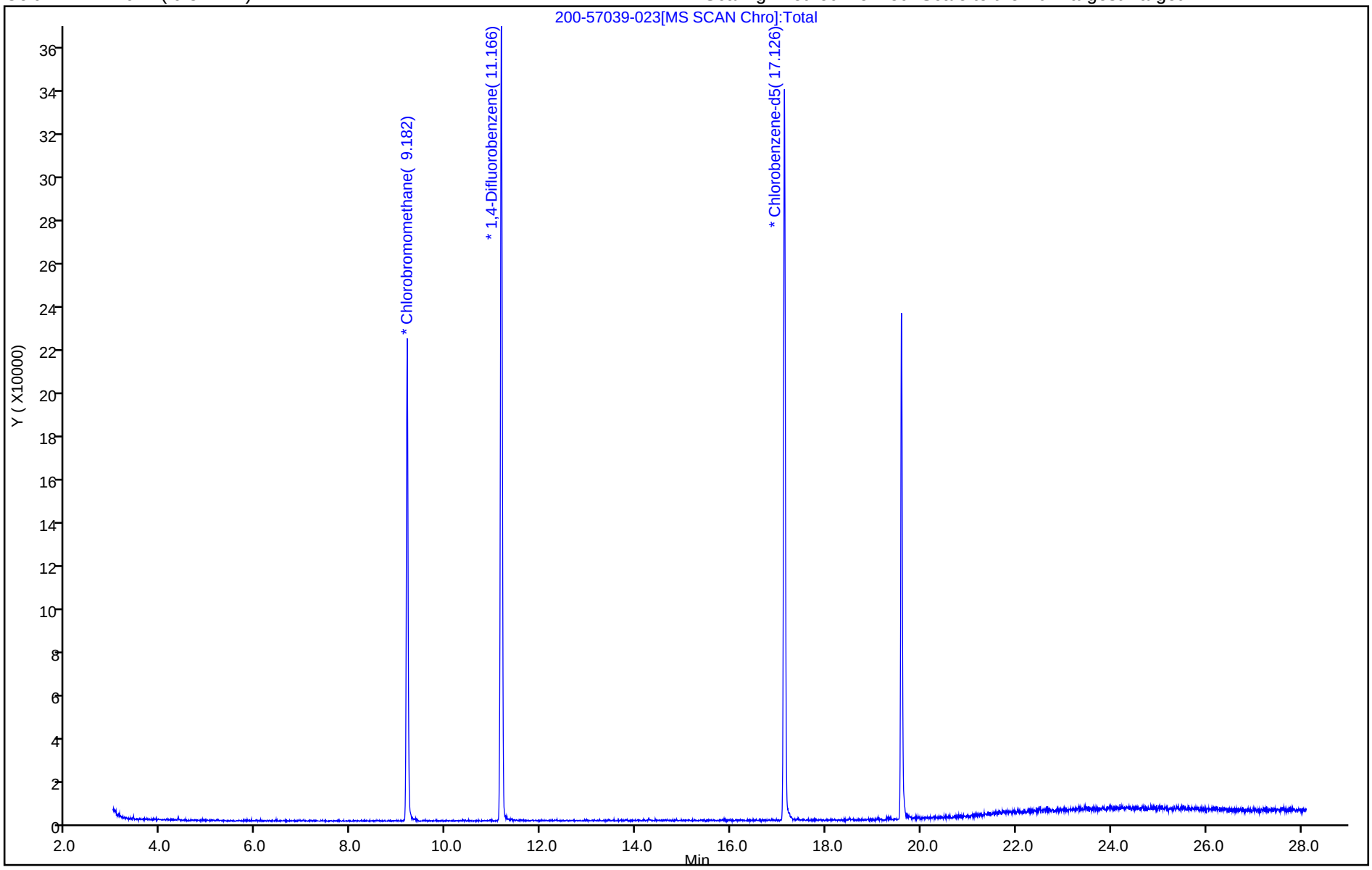
Report Date: 18-Sep-2023 11:17:39 Chrom Revision: 2.3 21-Aug-2023 17:14:06

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20230915-57039.b\200-57039-023.D

Injection Date:	16-Sep-2023 02:00:30	Instrument ID:	CHG.i	Operator ID:	vtp
Lims ID:	200-69919-A-5	Lab Sample ID:	200-69919-5	Worklist Smp#:	23
Client ID:	6465				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

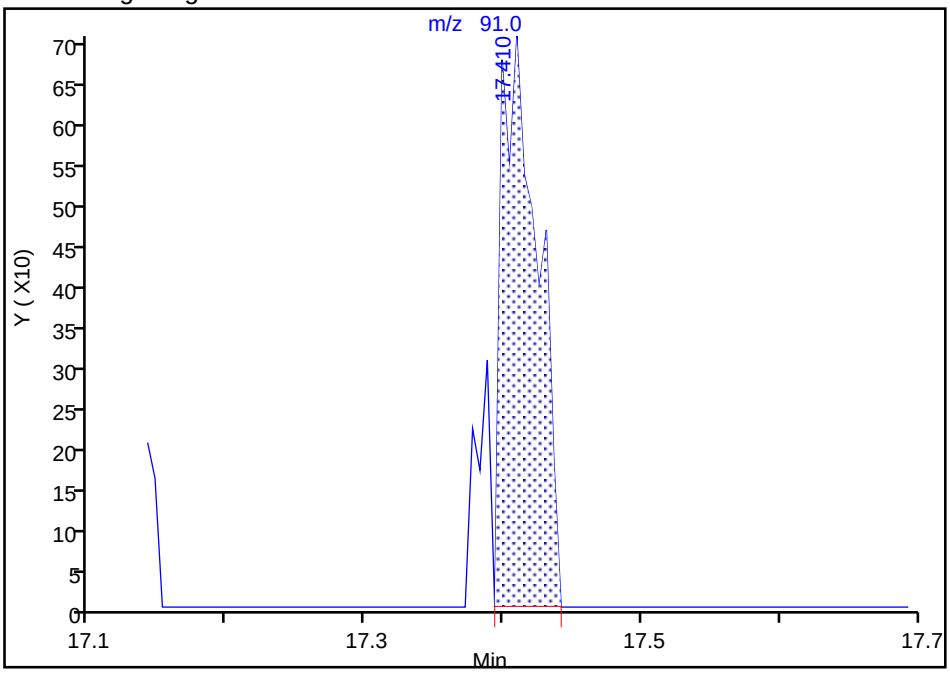
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20230915-57039.b\200-57039-023.D				
Injection Date:	16-Sep-2023 02:00:30	Instrument ID:	CHG.i		
Lims ID:	200-69919-A-5	Lab Sample ID:	200-69919-5		
Client ID:	6465				
Operator ID:	vtp	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

73 Ethylbenzene, CAS: 100-41-4

Signal: 1

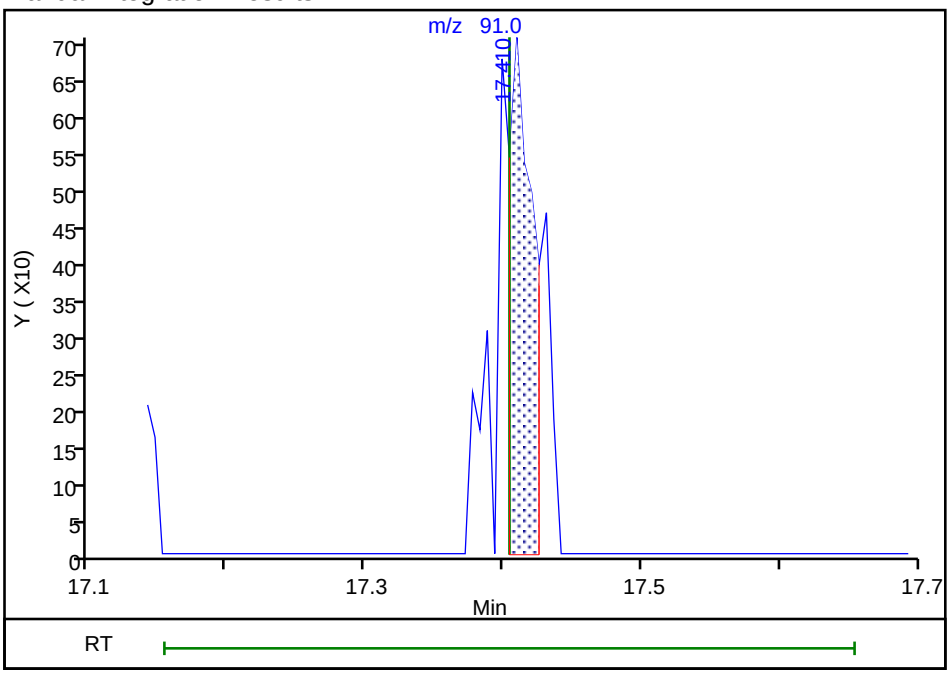
Processing Integration Results

RT: 17.41
Area: 1275
Amount: 0.039945
Amount Units: ppb v/v



Manual Integration Results

RT: 17.41
Area: 852
Amount: 0.026693
Amount Units: ppb v/v



Reviewer: bunmaa, 18-Sep-2023 11:16:48 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

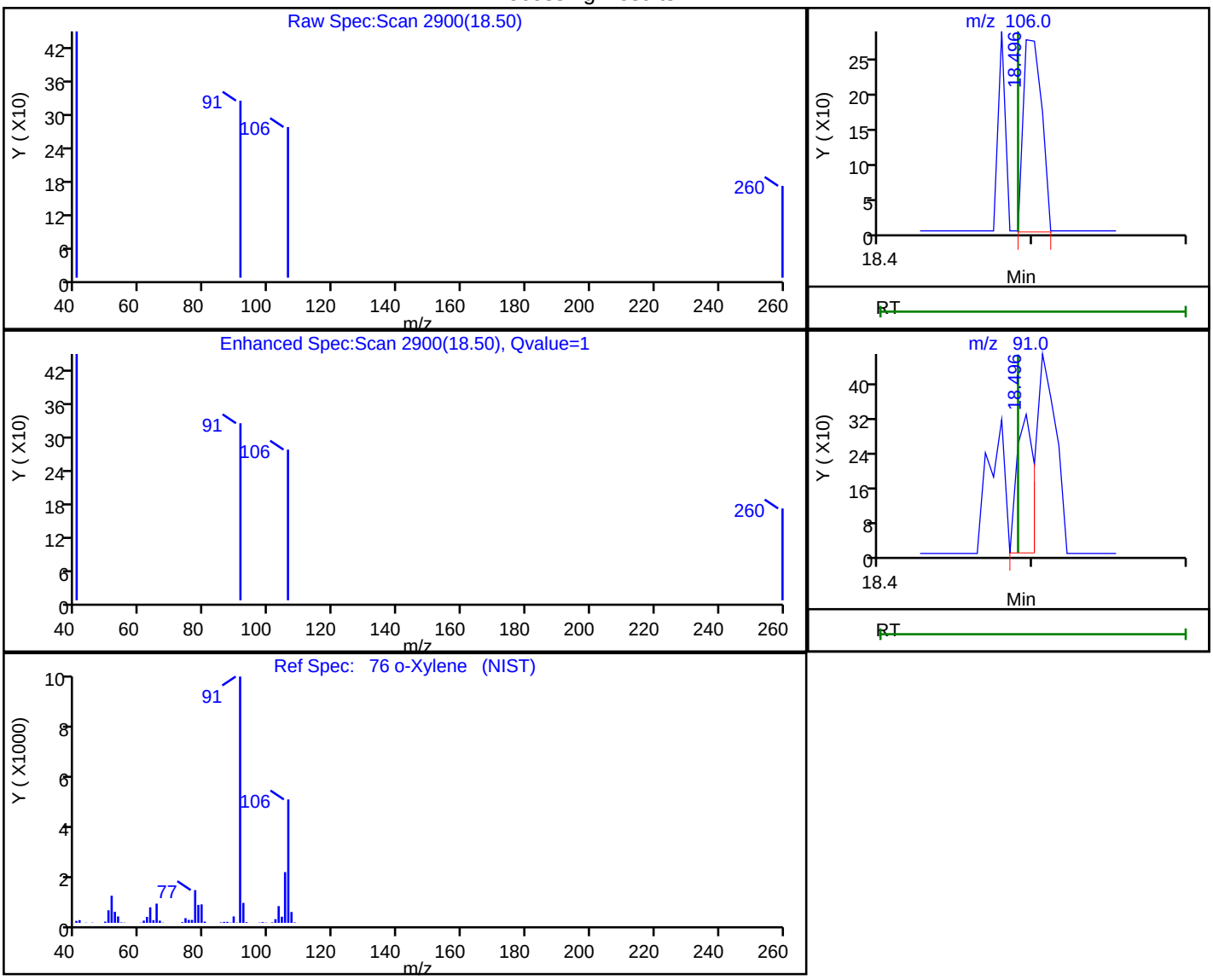
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHG.i\20230915-57039.b\200-57039-023.D				
Injection Date:	16-Sep-2023 02:00:30	Instrument ID:	CHG.i		
Lims ID:	200-69919-A-5	Lab Sample ID:	200-69919-5		
Client ID:	6465				
Operator ID:	vtp	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

76 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
18.50	106.00	230	0.018845
18.50	91.00	251	

Reviewer: bunmaa, 18-Sep-2023 11:17:13 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Appendix E: April and October 2023 Groundwater Monitoring Laboratory Analytical Reports and Historical Groundwater Analytical Summary Table

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Wes Braga
TRC Environmental Corporation
999 Fourier Drive, Suite 101
Madison, Wisconsin 53717

Generated 4/27/2023 5:18:01 PM

JOB DESCRIPTION

MadisonKipp Groundwater

JOB NUMBER

500-232280-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

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
4/27/2023 5:18:01 PM

Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

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Job ID: 500-232280-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-232280-1

Comments
No additional comments.

Receipt
The samples were received on 4/14/2023 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.0º C and 5.7º C.

GC/MS VOA
Method 8260D: The method blank for analytical batch 500-708663 contained Chloromethane above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260D: The laboratory control sample (LCS) for analytical batch 500-708655 recovered outside control limits for the following analytes: Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Acetone/ Methylene chloride were detected in the following samples MW-2D-202304 (500-232280-1), MW-3D-202304 (500-232280-2), MW-3D2-202304 (500-232280-3), MW-4D2-202304 (500-232280-4), MW-5D-202304 (500-232280-6), MW-5D2-202304 (500-232280-7), MW-5D3-202304 (500-232280-8), MW-6D-202304 (500-232280-9), MW-9D2-202304 (500-232280-10), MW-17-202304 (500-232280-11), MW-25D2-202304 (500-232280-12), MW-27D-202304 (500-232280-13), DUP-01-202304 (500-232280-14), DUP-02-202304 (500-232280-15), FB-01-202304 (500-232280-16), Trip Blank (500-232280-17), MP-14 (135-140)-202304 (500-232280-18) and MP-16 (140-144)-202304 (500-232280-19). Methylene chloride and Acetone are known lab contaminants; therefore all low level detects for these compounds could be suspected as lab contamination.

Methods 8260B, 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-3D-202304 (500-232280-2), MW-5D-202304 (500-232280-6), MW-5D2-202304 (500-232280-7), MW-6D-202304 (500-232280-9), MW-9D2-202304 (500-232280-10), MW-17-202304 (500-232280-11) and DUP-01-202304 (500-232280-14). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCVIS/CCV) associated with the following had compounds outside 20% drift for method 8260D. Where applicable, a standard was analyzed at the reporting limit (CCVL) and analyses were able to continue, as low failing compounds were detected. Any detects for these out of control compounds should be considered estimates.MW-2D-202304 (500-232280-1), MW-3D-202304 (500-232280-2), MW-3D2-202304 (500-232280-3), MW-4D2-202304 (500-232280-4), MW-5D-202304 (500-232280-6), MW-5D2-202304 (500-232280-7), MW-5D3-202304 (500-232280-8), MW-6D-202304 (500-232280-9), MW-9D2-202304 (500-232280-10), MW-17-202304 (500-232280-11), MW-25D2-202304 (500-232280-12), MW-27D-202304 (500-232280-13), DUP-01-202304 (500-232280-14), DUP-02-202304 (500-232280-15), FB-01-202304 (500-232280-16), Trip Blank (500-232280-17), MP-14 (135-140)-202304 (500-232280-18) and MP-16 (140-144)-202304 (500-232280-19)

Method 8260D: The laboratory control sample (LCS) for analytical batch 500-708655 recovered outside control limits for the following analytes: Bromometheane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.MW-2D-202304 (500-232280-1), MW-3D-202304 (500-232280-2), MW-3D2-202304 (500-232280-3), MW-4D2-202304 (500-232280-4), MW-5D-202304 (500-232280-6), MW-5D2-202304 (500-232280-7), MW-5D3-202304 (500-232280-8), FB-01-202304 (500-232280-16), Trip Blank (500-232280-17), MP-14 (135-140)-202304 (500-232280-18) and MP-16 (140-144)-202304 (500-232280-19)

Method 8260D: The matrix spike duplicate (MSD) for the following sample was analyzed outside the 12 hour tune window. No further action was taken, as all percent recoveries were acceptable..MW-5D3-202304 (500-232280-8[MSD])

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

GC Semi VOA
Method 8082A: Surrogate recovery for the following samples were outside control limits: MW-3D-202304 (500-232280-2), MW-5S-202304 (500-232280-5) and DUP-01-202304 (500-232280-14). Evidence of matrix interference is present; therefore, re-extraction and/or

Job ID: 500-232280-1 (Continued)

Laboratory: Eurofins Chicago (Continued)

re-analysis was not performed.

Method 8082A: DCB surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column : (MB 180-432697/1-A). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

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

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

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-2D-202304 — Lab Sample ID: 500-232280-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J B	10	1.7	ug/L	1		8260D	Total/NA
Tetrachloroethene	3.9		1.0	0.37	ug/L	1		8260D	Total/NA

Client Sample ID: MW-3D-202304 — Lab Sample ID: 500-232280-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J B	10	1.7	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	21		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	15		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	330		10	3.7	ug/L	10		8260D	Total/NA
Total Dissolved Solids	2630		16.7	7.2	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	3.5	J	5.0	1.9	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-3D2-202304 — Lab Sample ID: 500-232280-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.43	J	1.0	0.39	ug/L	1		8260D	Total/NA
Acetone	2.8	J B	10	1.7	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.0		1.0	0.41	ug/L	1		8260D	Total/NA
Tetrachloroethene	130		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	2.5		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MW-4D2-202304 — Lab Sample ID: 500-232280-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J B	10	1.7	ug/L	1		8260D	Total/NA

Client Sample ID: MW-5S-202304 — Lab Sample ID: 500-232280-5

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	734		10.0	4.3	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-5D-202304 — Lab Sample ID: 500-232280-6

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.80	J	1.0	0.39	ug/L	1		8260D	Total/NA
Acetone	2.7	J B	10	1.7	ug/L	1		8260D	Total/NA
Carbon tetrachloride	0.40	J	1.0	0.38	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.7		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	5.5		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	340		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MW-5D2-202304 — Lab Sample ID: 500-232280-7

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	25	J B	100	17	ug/L	10		8260D	Total/NA
cis-1,2-Dichloroethene	20		10	4.1	ug/L	10		8260D	Total/NA
Trichloroethene	53		5.0	1.6	ug/L	10		8260D	Total/NA
Tetrachloroethene - DL	4300		100	37	ug/L	100		8260D	Total/NA

Client Sample ID: MW-5D3-202304 — Lab Sample ID: 500-232280-8

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.45	J	1.0	0.39	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-5D3-202304 (Continued) — Lab Sample ID: 500-232280-8

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.8	J B	10	1.7	ug/L	1		8260D	Total/NA

Client Sample ID: MW-6D-202304 — Lab Sample ID: 500-232280-9

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6.2	B	5.0	1.8	ug/L	5		8260D	Total/NA
1,3,5-Trimethylbenzene	4.1	J B	5.0	1.3	ug/L	5		8260D	Total/NA
Acetone	23	J ^c	50	8.7	ug/L	5		8260D	Total/NA
Benzene	370		2.5	0.73	ug/L	5		8260D	Total/NA
Chloromethane	3.7	J B	5.0	1.6	ug/L	5		8260D	Total/NA
cis-1,2-Dichloroethene	7.5		5.0	2.0	ug/L	5		8260D	Total/NA
Ethylbenzene	7.7		2.5	0.92	ug/L	5		8260D	Total/NA
Isopropylbenzene	26		5.0	1.9	ug/L	5		8260D	Total/NA
m&p-Xylene	10		5.0	0.91	ug/L	5		8260D	Total/NA
Naphthalene	3.0	J	5.0	1.7	ug/L	5		8260D	Total/NA
N-Propylbenzene	8.9		5.0	2.1	ug/L	5		8260D	Total/NA
p-Isopropyltoluene	5.3		5.0	1.8	ug/L	5		8260D	Total/NA
sec-Butylbenzene	3.4	J	5.0	2.0	ug/L	5		8260D	Total/NA
Styrene	4.6	J	5.0	1.9	ug/L	5		8260D	Total/NA
Toluene	18		2.5	0.76	ug/L	5		8260D	Total/NA
Trichloroethene	14		2.5	0.82	ug/L	5		8260D	Total/NA
Xylenes, Total	10		5.0	1.1	ug/L	5		8260D	Total/NA

Client Sample ID: MW-9D2-202304 — Lab Sample ID: 500-232280-10

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.73	J B	1.0	0.36	ug/L	1		8260D	Total/NA
Acetone	4.8	J ^c	10	1.7	ug/L	1		8260D	Total/NA
Benzene	0.15	J	0.50	0.15	ug/L	1		8260D	Total/NA
Chloromethane	1.3	B	1.0	0.32	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	7.0		1.0	0.39	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.6		1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	63		0.50	0.16	ug/L	1		8260D	Total/NA
Vinyl chloride	2.2		1.0	0.20	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene - DL	93		10	4.1	ug/L	10		8260D	Total/NA
Tetrachloroethene - DL	270		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MW-17-202304 — Lab Sample ID: 500-232280-11

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.73	J B	1.0	0.36	ug/L	1		8260D	Total/NA
Acetone	1.9	J ^c	10	1.7	ug/L	1		8260D	Total/NA
Carbon tetrachloride	0.81	J	1.0	0.38	ug/L	1		8260D	Total/NA
Chloroform	1.0	J	2.0	0.37	ug/L	1		8260D	Total/NA
Chloromethane	0.55	J B	1.0	0.32	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	9.8		1.0	0.41	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.77	J	1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	54		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	950		10	3.7	ug/L	10		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-25D2-202304 — Lab Sample ID: 500-232280-12

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.74	J B	1.0	0.36	ug/L	1		8260D	Total/NA
1,3,5-Trimethylbenzene	0.78	J B	1.0	0.25	ug/L	1		8260D	Total/NA
Acetone	3.3	J ^c	10	1.7	ug/L	1		8260D	Total/NA
Chloromethane	1.3	B	1.0	0.32	ug/L	1		8260D	Total/NA
Methylene Chloride	1.7	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.55	J	1.0	0.37	ug/L	1		8260D	Total/NA

Client Sample ID: MW-27D-202304 — Lab Sample ID: 500-232280-13

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.73	J B	1.0	0.36	ug/L	1		8260D	Total/NA
Acetone	2.7	J ^c	10	1.7	ug/L	1		8260D	Total/NA
Chloromethane	0.55	J B	1.0	0.32	ug/L	1		8260D	Total/NA
Methylene Chloride	1.7	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.3		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	2.0		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01-202304 — Lab Sample ID: 500-232280-14

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.73	J B	1.0	0.36	ug/L	1		8260D	Total/NA
Acetone	2.9	J ^c	10	1.7	ug/L	1		8260D	Total/NA
Chloromethane	1.1	B	1.0	0.32	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	25		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	1.7	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Trichloroethene	18		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	390		10	3.7	ug/L	10		8260D	Total/NA
Total Dissolved Solids	2620		16.7	7.2	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	3.3	J	5.0	1.9	mg/L	1		SM 2540D	Total/NA

Client Sample ID: DUP-02-202304 — Lab Sample ID: 500-232280-15

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6.1	B	5.0	1.8	ug/L	5		8260D	Total/NA
Acetone	17	J ^c	50	8.7	ug/L	5		8260D	Total/NA
Benzene	380		2.5	0.73	ug/L	5		8260D	Total/NA
Chloromethane	6.3	B	5.0	1.6	ug/L	5		8260D	Total/NA
cis-1,2-Dichloroethene	7.4		5.0	2.0	ug/L	5		8260D	Total/NA
Ethylbenzene	6.8		2.5	0.92	ug/L	5		8260D	Total/NA
Isopropylbenzene	24		5.0	1.9	ug/L	5		8260D	Total/NA
m&p-Xylene	9.6		5.0	0.91	ug/L	5		8260D	Total/NA
Naphthalene	2.8	J	5.0	1.7	ug/L	5		8260D	Total/NA
N-Propylbenzene	8.0		5.0	2.1	ug/L	5		8260D	Total/NA
p-Isopropyltoluene	5.0		5.0	1.8	ug/L	5		8260D	Total/NA
sec-Butylbenzene	2.7	J	5.0	2.0	ug/L	5		8260D	Total/NA
Styrene	4.6	J	5.0	1.9	ug/L	5		8260D	Total/NA
Tetrachloroethene	2.1	J	5.0	1.9	ug/L	5		8260D	Total/NA
Toluene	17		2.5	0.76	ug/L	5		8260D	Total/NA
Trichloroethene	14		2.5	0.82	ug/L	5		8260D	Total/NA
Xylenes, Total	9.6		5.0	1.1	ug/L	5		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: FB-01-202304 — Lab Sample ID: 500-232280-16

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	B	10	1.7	ug/L	1		8260D	Total/NA
Carbon disulfide	0.74	J	2.0	0.45	ug/L	1		8260D	Total/NA
Chloroform	0.99	J	2.0	0.37	ug/L	1		8260D	Total/NA
Total Dissolved Solids	32.0		10.0	4.3	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	6.4		5.0	1.9	mg/L	1		SM 2540D	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-232280-17

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.0	J B	10	1.7	ug/L	1		8260D	Total/NA

Client Sample ID: MP-14 (135-140)-202304 — Lab Sample ID: 500-232280-18

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.2	J B	10	1.7	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.4		1.0	0.41	ug/L	1		8260D	Total/NA
Tetrachloroethene	51		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	2.8		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MP-16 (140-144)-202304 — Lab Sample ID: 500-232280-19

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.4	J B	10	1.7	ug/L	1		8260D	Total/NA
Benzene	0.19	J	0.50	0.15	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.0		1.0	0.41	ug/L	1		8260D	Total/NA
Tetrachloroethene	54		1.0	0.37	ug/L	1		8260D	Total/NA
Toluene	0.24	J	0.50	0.15	ug/L	1		8260D	Total/NA
Trichloroethene	9.7		0.50	0.16	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
EPA 8082A	Polychlorinated Biphenyls (PCBs) (GC)	SW846	EET PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 2540D	Solids, Total Suspended (TSS)	SM	EET CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PIT
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

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

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

Laboratory References:

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

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-232280-1	MW-2D-202304	Water	04/13/23 15:07	04/14/23 10:10
500-232280-2	MW-3D-202304	Water	04/12/23 15:01	04/14/23 10:10
500-232280-3	MW-3D2-202304	Water	04/12/23 15:53	04/14/23 10:10
500-232280-4	MW-4D2-202304	Water	04/12/23 11:20	04/14/23 10:10
500-232280-5	MW-5S-202304	Water	04/13/23 09:54	04/14/23 10:10
500-232280-6	MW-5D-202304	Water	04/13/23 11:12	04/14/23 10:10
500-232280-7	MW-5D2-202304	Water	04/13/23 12:50	04/14/23 10:10
500-232280-8	MW-5D3-202304	Water	04/13/23 09:36	04/14/23 10:10
500-232280-9	MW-6D-202304	Water	04/13/23 15:57	04/14/23 10:10
500-232280-10	MW-9D2-202304	Water	04/11/23 14:52	04/14/23 10:10
500-232280-11	MW-17-202304	Water	04/13/23 15:02	04/14/23 10:10
500-232280-12	MW-25D2-202304	Water	04/11/23 11:03	04/14/23 10:10
500-232280-13	MW-27D-202304	Water	04/11/23 13:33	04/14/23 10:10
500-232280-14	DUP-01-202304	Water	04/12/23 00:00	04/14/23 10:10
500-232280-15	DUP-02-202304	Water	04/13/23 00:00	04/14/23 10:10
500-232280-16	FB-01-202304	Water	04/13/23 16:20	04/14/23 10:10
500-232280-17	Trip Blank	Water	04/11/23 00:00	04/14/23 10:10
500-232280-18	MP-14 (135-140)-202304	Water	04/10/23 15:30	04/14/23 10:10
500-232280-19	MP-16 (140-144)-202304	Water	04/10/23 14:30	04/14/23 10:10

Client Sample ID: MW-2D-202304
Date Collected: 04/13/23 15:07
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 06:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 06:44	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 06:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 06:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 06:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 06:44	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 06:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 06:44	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			04/20/23 06:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 06:44	1
1,2,4-Trichlorobenzene	<0.34	^c	1.0	0.34	ug/L			04/20/23 06:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 06:44	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 06:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 06:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 06:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 06:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 06:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 06:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 06:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 06:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 06:44	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 06:44	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 06:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 06:44	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 06:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 06:44	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 06:44	1
Acetone	**2.6**	**J B**	10	1.7	ug/L			04/20/23 06:44	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 06:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 06:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 06:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 06:44	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 06:44	1
Bromomethane	<0.80	^c *	3.0	0.80	ug/L			04/20/23 06:44	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 06:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 06:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 06:44	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			04/20/23 06:44	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 06:44	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 06:44	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/23 06:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 06:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 06:44	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 06:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 06:44	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 06:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 06:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 06:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 06:44	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-2D-202304
Date Collected: 04/13/23 15:07
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 06:44	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 06:44	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 06:44	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			04/20/23 06:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 06:44	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 06:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 06:44	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 06:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 06:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 06:44	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 06:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 06:44	1
Tetrachloroethene	**3.9**		1.0	0.37	ug/L			04/20/23 06:44	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 06:44	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 06:44	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 06:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 06:44	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/20/23 06:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 06:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 06:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 06:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*04/20/23 06:44*	*1*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*		*04/20/23 06:44*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*04/20/23 06:44*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*04/20/23 06:44*	*1*

Client Sample ID: MW-3D-202304
Date Collected: 04/12/23 15:01
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 07:09	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 07:09	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 07:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 07:09	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 07:09	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 07:09	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 07:09	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 07:09	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			04/20/23 07:09	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 07:09	1
1,2,4-Trichlorobenzene	<0.34	^c	1.0	0.34	ug/L			04/20/23 07:09	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 07:09	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 07:09	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 07:09	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 07:09	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 07:09	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 07:09	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 07:09	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 07:09	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 07:09	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 07:09	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 07:09	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 07:09	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 07:09	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 07:09	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 07:09	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 07:09	1
Acetone	**3.1**	**J B**	10	1.7	ug/L			04/20/23 07:09	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 07:09	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 07:09	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 07:09	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 07:09	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 07:09	1
Bromomethane	<0.80	^c *	3.0	0.80	ug/L			04/20/23 07:09	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 07:09	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 07:09	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 07:09	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			04/20/23 07:09	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 07:09	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 07:09	1
cis-1,2-Dichloroethene	**21**		1.0	0.41	ug/L			04/20/23 07:09	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 07:09	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 07:09	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 07:09	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 07:09	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 07:09	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 07:09	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 07:09	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 07:09	1

Client Sample ID: MW-3D-202304
Date Collected: 04/12/23 15:01
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 07:09	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 07:09	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 07:09	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			04/20/23 07:09	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 07:09	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 07:09	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 07:09	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 07:09	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 07:09	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 07:09	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 07:09	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 07:09	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 07:09	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 07:09	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 07:09	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 07:09	1
Trichloroethene	**15**		0.50	0.16	ug/L			04/20/23 07:09	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 07:09	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 07:09	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*04/20/23 07:09*	*1*
4-Bromofluorobenzene (Surr)	*115*		*72 - 124*		*04/20/23 07:09*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*04/20/23 07:09*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*04/20/23 07:09*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**330**		10	3.7	ug/L			04/26/23 11:07	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*		*04/26/23 11:07*	*10*
4-Bromofluorobenzene (Surr)	*100*	*^c*	*72 - 124*		*04/26/23 11:07*	*10*
Dibromofluoromethane (Surr)	*114*		*75 - 120*		*04/26/23 11:07*	*10*
Toluene-d8 (Surr)	*88*		*75 - 120*		*04/26/23 11:07*	*10*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0051		0.011	0.0051	ug/L		04/19/23 00:25	04/19/23 17:53	1
PCB-1221	<0.0061		0.011	0.0061	ug/L		04/19/23 00:25	04/19/23 17:53	1
PCB-1232	<0.0055		0.011	0.0055	ug/L		04/19/23 00:25	04/19/23 17:53	1
PCB-1242	<0.0038		0.011	0.0038	ug/L		04/19/23 00:25	04/19/23 17:53	1
PCB-1248	<0.0085		0.011	0.0085	ug/L		04/19/23 00:25	04/19/23 17:53	1
PCB-1254	<0.0049		0.011	0.0049	ug/L		04/19/23 00:25	04/19/23 17:53	1
PCB-1260	<0.0042		0.011	0.0042	ug/L		04/19/23 00:25	04/19/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*113*		*48 - 129*	*04/19/23 00:25*	*04/19/23 17:53*	*1*
Tetrachloro-m-xylene (Surr)	*120*	*X*	*36 - 117*	*04/19/23 00:25*	*04/19/23 17:53*	*1*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-3D-202304
Date Collected: 04/12/23 15:01
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-2
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2630		16.7	7.2	mg/L			04/19/23 06:54	1
Total Suspended Solids (SM 2540D)	3.5	J	5.0	1.9	mg/L			04/17/23 13:05	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-3D2-202304
Date Collected: 04/12/23 15:53
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 07:33	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 07:33	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 07:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 07:33	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 07:33	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 07:33	1
1,1-Dichloroethene	**0.43**	**J**	1.0	0.39	ug/L			04/20/23 07:33	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 07:33	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			04/20/23 07:33	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 07:33	1
1,2,4-Trichlorobenzene	<0.34	^c	1.0	0.34	ug/L			04/20/23 07:33	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 07:33	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 07:33	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 07:33	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 07:33	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 07:33	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 07:33	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 07:33	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 07:33	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 07:33	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 07:33	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 07:33	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 07:33	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 07:33	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 07:33	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 07:33	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 07:33	1
Acetone	**2.8**	**J B**	10	1.7	ug/L			04/20/23 07:33	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 07:33	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 07:33	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 07:33	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 07:33	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 07:33	1
Bromomethane	<0.80	^c *	3.0	0.80	ug/L			04/20/23 07:33	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 07:33	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 07:33	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 07:33	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			04/20/23 07:33	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 07:33	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 07:33	1
cis-1,2-Dichloroethene	**1.0**		1.0	0.41	ug/L			04/20/23 07:33	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 07:33	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 07:33	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 07:33	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 07:33	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 07:33	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 07:33	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 07:33	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 07:33	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-3D2-202304
Date Collected: 04/12/23 15:53
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 07:33	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 07:33	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 07:33	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			04/20/23 07:33	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 07:33	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 07:33	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 07:33	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 07:33	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 07:33	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 07:33	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 07:33	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 07:33	1
Tetrachloroethene	**130**		1.0	0.37	ug/L			04/20/23 07:33	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 07:33	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 07:33	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 07:33	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 07:33	1
Trichloroethene	**2.5**		0.50	0.16	ug/L			04/20/23 07:33	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 07:33	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 07:33	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*04/20/23 07:33*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*04/20/23 07:33*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*04/20/23 07:33*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*04/20/23 07:33*	*1*

Client Sample ID: MW-4D2-202304
Date Collected: 04/12/23 11:20
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 07:56	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 07:56	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 07:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 07:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 07:56	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 07:56	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 07:56	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 07:56	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			04/20/23 07:56	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 07:56	1
1,2,4-Trichlorobenzene	<0.34	^c	1.0	0.34	ug/L			04/20/23 07:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 07:56	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 07:56	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 07:56	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 07:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 07:56	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 07:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 07:56	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 07:56	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 07:56	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 07:56	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 07:56	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 07:56	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 07:56	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 07:56	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 07:56	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 07:56	1
Acetone	**2.6**	**J B**	10	1.7	ug/L			04/20/23 07:56	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 07:56	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 07:56	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 07:56	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 07:56	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 07:56	1
Bromomethane	<0.80	^c *	3.0	0.80	ug/L			04/20/23 07:56	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 07:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 07:56	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 07:56	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			04/20/23 07:56	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 07:56	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 07:56	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/23 07:56	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 07:56	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 07:56	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 07:56	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 07:56	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 07:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 07:56	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 07:56	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 07:56	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-4D2-202304
Date Collected: 04/12/23 11:20
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 07:56	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 07:56	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 07:56	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			04/20/23 07:56	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 07:56	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 07:56	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 07:56	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 07:56	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 07:56	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 07:56	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 07:56	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 07:56	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/20/23 07:56	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 07:56	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 07:56	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 07:56	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 07:56	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/20/23 07:56	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 07:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 07:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 07:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*04/20/23 07:56*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*04/20/23 07:56*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*04/20/23 07:56*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*04/20/23 07:56*	*1*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-5S-202304

Date Collected: 04/13/23 09:54
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-5

Matrix: Water

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0047		0.0099	0.0047	ug/L		04/19/23 00:25	04/19/23 18:31	1
PCB-1221	<0.0057		0.0099	0.0057	ug/L		04/19/23 00:25	04/19/23 18:31	1
PCB-1232	<0.0052		0.0099	0.0052	ug/L		04/19/23 00:25	04/19/23 18:31	1
PCB-1242	<0.0035		0.0099	0.0035	ug/L		04/19/23 00:25	04/19/23 18:31	1
PCB-1248	<0.0079		0.0099	0.0079	ug/L		04/19/23 00:25	04/19/23 18:31	1
PCB-1254	<0.0045		0.0099	0.0045	ug/L		04/19/23 00:25	04/19/23 18:31	1
PCB-1260	<0.0039		0.0099	0.0039	ug/L		04/19/23 00:25	04/19/23 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*48 - 129*	*04/19/23 00:25*	*04/19/23 18:31*	*1*
Tetrachloro-m-xylene (Surr)	*128*	*X*	*36 - 117*	*04/19/23 00:25*	*04/19/23 18:31*	*1*

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**734**		10.0	4.3	mg/L			04/20/23 09:09	1
Total Suspended Solids (SM 2540D)	<1.9		5.0	1.9	mg/L			04/18/23 12:34	1

Client Sample ID: MW-5D-202304
Date Collected: 04/13/23 11:12
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 08:21	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 08:21	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 08:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 08:21	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 08:21	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 08:21	1
1,1-Dichloroethene	**0.80**	**J**	1.0	0.39	ug/L			04/20/23 08:21	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 08:21	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			04/20/23 08:21	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 08:21	1
1,2,4-Trichlorobenzene	<0.34	^c	1.0	0.34	ug/L			04/20/23 08:21	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 08:21	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 08:21	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 08:21	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 08:21	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 08:21	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 08:21	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 08:21	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 08:21	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 08:21	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 08:21	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 08:21	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 08:21	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 08:21	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 08:21	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 08:21	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 08:21	1
Acetone	**2.7**	**J B**	10	1.7	ug/L			04/20/23 08:21	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 08:21	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 08:21	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 08:21	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 08:21	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 08:21	1
Bromomethane	<0.80	^c *	3.0	0.80	ug/L			04/20/23 08:21	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 08:21	1
Carbon tetrachloride	**0.40**	**J**	1.0	0.38	ug/L			04/20/23 08:21	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 08:21	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			04/20/23 08:21	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 08:21	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 08:21	1
cis-1,2-Dichloroethene	**4.7**		1.0	0.41	ug/L			04/20/23 08:21	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 08:21	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 08:21	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 08:21	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 08:21	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 08:21	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 08:21	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 08:21	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 08:21	1

Client Sample ID: MW-5D-202304
Date Collected: 04/13/23 11:12
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 08:21	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 08:21	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 08:21	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			04/20/23 08:21	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 08:21	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 08:21	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 08:21	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 08:21	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 08:21	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 08:21	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 08:21	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 08:21	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 08:21	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 08:21	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 08:21	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 08:21	1
Trichloroethene	**5.5**		0.50	0.16	ug/L			04/20/23 08:21	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 08:21	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 08:21	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 08:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*04/20/23 08:21*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*04/20/23 08:21*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*04/20/23 08:21*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*04/20/23 08:21*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**340**		10	3.7	ug/L			04/20/23 08:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*04/20/23 08:44*	*10*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*04/20/23 08:44*	*10*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*04/20/23 08:44*	*10*
Toluene-d8 (Surr)	*96*		*75 - 120*		*04/20/23 08:44*	*10*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-5D2-202304
Date Collected: 04/13/23 12:50
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.6		10	4.6	ug/L			04/20/23 09:08	10
1,1,1-Trichloroethane	<3.8		10	3.8	ug/L			04/20/23 09:08	10
1,1,2,2-Tetrachloroethane	<4.0		10	4.0	ug/L			04/20/23 09:08	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.6		10	4.6	ug/L			04/20/23 09:08	10
1,1,2-Trichloroethane	<3.5		10	3.5	ug/L			04/20/23 09:08	10
1,1-Dichloroethane	<4.1		10	4.1	ug/L			04/20/23 09:08	10
1,1-Dichloroethene	<3.9		10	3.9	ug/L			04/20/23 09:08	10
1,1-Dichloropropene	<3.0		10	3.0	ug/L			04/20/23 09:08	10
1,2,3-Trichlorobenzene	<4.6	^c	10	4.6	ug/L			04/20/23 09:08	10
1,2,3-Trichloropropane	<4.1		20	4.1	ug/L			04/20/23 09:08	10
1,2,4-Trichlorobenzene	<3.4	^c	10	3.4	ug/L			04/20/23 09:08	10
1,2,4-Trimethylbenzene	<3.6		10	3.6	ug/L			04/20/23 09:08	10
1,2-Dibromo-3-Chloropropane	<20		50	20	ug/L			04/20/23 09:08	10
1,2-Dibromoethane	<3.9		10	3.9	ug/L			04/20/23 09:08	10
1,2-Dichlorobenzene	<3.3		10	3.3	ug/L			04/20/23 09:08	10
1,2-Dichloroethane	<3.9		10	3.9	ug/L			04/20/23 09:08	10
1,2-Dichloropropane	<4.3		10	4.3	ug/L			04/20/23 09:08	10
1,3,5-Trimethylbenzene	<2.5		10	2.5	ug/L			04/20/23 09:08	10
1,3-Dichlorobenzene	<4.0		10	4.0	ug/L			04/20/23 09:08	10
1,3-Dichloropropane	<3.6		10	3.6	ug/L			04/20/23 09:08	10
1,4-Dichlorobenzene	<3.6		10	3.6	ug/L			04/20/23 09:08	10
2,2-Dichloropropane	<4.4		10	4.4	ug/L			04/20/23 09:08	10
2-Butanone (MEK)	<21		50	21	ug/L			04/20/23 09:08	10
2-Chlorotoluene	<3.1		10	3.1	ug/L			04/20/23 09:08	10
2-Hexanone	<16		50	16	ug/L			04/20/23 09:08	10
4-Chlorotoluene	<3.5		10	3.5	ug/L			04/20/23 09:08	10
4-Methyl-2-pentanone (MIBK)	<22		50	22	ug/L			04/20/23 09:08	10
Acetone	**25**	**J B**	100	17	ug/L			04/20/23 09:08	10
Benzene	<1.5		5.0	1.5	ug/L			04/20/23 09:08	10
Bromobenzene	<3.6		10	3.6	ug/L			04/20/23 09:08	10
Bromochloromethane	<4.3		10	4.3	ug/L			04/20/23 09:08	10
Bromodichloromethane	<3.7		10	3.7	ug/L			04/20/23 09:08	10
Bromoform	<4.8		10	4.8	ug/L			04/20/23 09:08	10
Bromomethane	<8.0	^c *	30	8.0	ug/L			04/20/23 09:08	10
Carbon disulfide	<4.5		20	4.5	ug/L			04/20/23 09:08	10
Carbon tetrachloride	<3.8		10	3.8	ug/L			04/20/23 09:08	10
Chlorobenzene	<3.9		10	3.9	ug/L			04/20/23 09:08	10
Chloroethane	<5.1	^c	10	5.1	ug/L			04/20/23 09:08	10
Chloroform	<3.7		20	3.7	ug/L			04/20/23 09:08	10
Chloromethane	<3.2		10	3.2	ug/L			04/20/23 09:08	10
cis-1,2-Dichloroethene	**20**		10	4.1	ug/L			04/20/23 09:08	10
cis-1,3-Dichloropropene	<4.2		10	4.2	ug/L			04/20/23 09:08	10
Dibromochloromethane	<4.9		10	4.9	ug/L			04/20/23 09:08	10
Dibromomethane	<2.7		10	2.7	ug/L			04/20/23 09:08	10
Dichlorodifluoromethane	<6.7		30	6.7	ug/L			04/20/23 09:08	10
Diisopropyl ether	<2.8		10	2.8	ug/L			04/20/23 09:08	10
Ethylbenzene	<1.8		5.0	1.8	ug/L			04/20/23 09:08	10
Hexachlorobutadiene	<4.5		10	4.5	ug/L			04/20/23 09:08	10
Isopropylbenzene	<3.9		10	3.9	ug/L			04/20/23 09:08	10

Client Sample ID: MW-5D2-202304
Date Collected: 04/13/23 12:50
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<1.8		10	1.8	ug/L			04/20/23 09:08	10
Methyl tert-butyl ether	<3.9		10	3.9	ug/L			04/20/23 09:08	10
Methylene Chloride	<16		50	16	ug/L			04/20/23 09:08	10
Naphthalene	<3.4	^c	10	3.4	ug/L			04/20/23 09:08	10
n-Butylbenzene	<3.9		10	3.9	ug/L			04/20/23 09:08	10
n-Hexane	<4.9		10	4.9	ug/L			04/20/23 09:08	10
N-Propylbenzene	<4.1		10	4.1	ug/L			04/20/23 09:08	10
o-Xylene	<2.2		5.0	2.2	ug/L			04/20/23 09:08	10
p-Isopropyltoluene	<3.6		10	3.6	ug/L			04/20/23 09:08	10
sec-Butylbenzene	<4.0		10	4.0	ug/L			04/20/23 09:08	10
Styrene	<3.9		10	3.9	ug/L			04/20/23 09:08	10
tert-Butylbenzene	<4.0		10	4.0	ug/L			04/20/23 09:08	10
Tetrahydrofuran	<19	^c	100	19	ug/L			04/20/23 09:08	10
Toluene	<1.5		5.0	1.5	ug/L			04/20/23 09:08	10
trans-1,2-Dichloroethene	<3.5		10	3.5	ug/L			04/20/23 09:08	10
trans-1,3-Dichloropropene	<3.6		10	3.6	ug/L			04/20/23 09:08	10
Trichloroethene	**53**		5.0	1.6	ug/L			04/20/23 09:08	10
Trichlorofluoromethane	<4.3		10	4.3	ug/L			04/20/23 09:08	10
Vinyl chloride	<2.0		10	2.0	ug/L			04/20/23 09:08	10
Xylenes, Total	<2.2		10	2.2	ug/L			04/20/23 09:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*04/20/23 09:08*	*10*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*		*04/20/23 09:08*	*10*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*04/20/23 09:08*	*10*
Toluene-d8 (Surr)	*96*		*75 - 120*		*04/20/23 09:08*	*10*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**4300**		100	37	ug/L			04/20/23 09:32	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*04/20/23 09:32*	*100*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*		*04/20/23 09:32*	*100*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*04/20/23 09:32*	*100*
Toluene-d8 (Surr)	*96*		*75 - 120*		*04/20/23 09:32*	*100*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-5D3-202304
Date Collected: 04/13/23 09:36
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 09:56	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 09:56	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 09:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 09:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 09:56	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 09:56	1
1,1-Dichloroethene	**0.45**	**J**	1.0	0.39	ug/L			04/20/23 09:56	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 09:56	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			04/20/23 09:56	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 09:56	1
1,2,4-Trichlorobenzene	<0.34	^c	1.0	0.34	ug/L			04/20/23 09:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 09:56	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 09:56	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 09:56	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 09:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 09:56	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 09:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 09:56	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 09:56	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 09:56	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 09:56	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 09:56	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 09:56	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 09:56	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 09:56	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 09:56	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 09:56	1
Acetone	**2.8**	**J B**	10	1.7	ug/L			04/20/23 09:56	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 09:56	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 09:56	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 09:56	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 09:56	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 09:56	1
Bromomethane	<0.80	^c *	3.0	0.80	ug/L			04/20/23 09:56	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 09:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 09:56	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 09:56	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			04/20/23 09:56	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 09:56	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 09:56	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/23 09:56	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 09:56	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 09:56	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 09:56	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 09:56	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 09:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 09:56	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 09:56	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 09:56	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-5D3-202304
Date Collected: 04/13/23 09:36
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 09:56	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 09:56	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 09:56	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			04/20/23 09:56	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 09:56	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 09:56	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 09:56	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 09:56	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 09:56	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 09:56	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 09:56	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 09:56	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/20/23 09:56	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 09:56	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 09:56	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 09:56	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 09:56	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/20/23 09:56	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 09:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 09:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*04/20/23 09:56*	*1*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*		*04/20/23 09:56*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*04/20/23 09:56*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*04/20/23 09:56*	*1*

Client Sample ID: MW-6D-202304
Date Collected: 04/13/23 15:57
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.3		5.0	2.3	ug/L			04/20/23 03:36	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			04/20/23 03:36	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			04/20/23 03:36	5
1,1,2-Trichloro-1,2,2-trifluoroethane	<2.3		5.0	2.3	ug/L			04/20/23 03:36	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			04/20/23 03:36	5
1,1-Dichloroethane	<2.1		5.0	2.1	ug/L			04/20/23 03:36	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			04/20/23 03:36	5
1,1-Dichloropropene	<1.5		5.0	1.5	ug/L			04/20/23 03:36	5
1,2,3-Trichlorobenzene	<2.3		5.0	2.3	ug/L			04/20/23 03:36	5
1,2,3-Trichloropropane	<2.1		10	2.1	ug/L			04/20/23 03:36	5
1,2,4-Trichlorobenzene	<1.7		5.0	1.7	ug/L			04/20/23 03:36	5
1,2,4-Trimethylbenzene	**6.2**	**B**	5.0	1.8	ug/L			04/20/23 03:36	5
1,2-Dibromo-3-Chloropropane	<10		25	10	ug/L			04/20/23 03:36	5
1,2-Dibromoethane	<1.9		5.0	1.9	ug/L			04/20/23 03:36	5
1,2-Dichlorobenzene	<1.7		5.0	1.7	ug/L			04/20/23 03:36	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			04/20/23 03:36	5
1,2-Dichloropropane	<2.1		5.0	2.1	ug/L			04/20/23 03:36	5
1,3,5-Trimethylbenzene	**4.1**	**J B**	5.0	1.3	ug/L			04/20/23 03:36	5
1,3-Dichlorobenzene	<2.0		5.0	2.0	ug/L			04/20/23 03:36	5
1,3-Dichloropropane	<1.8		5.0	1.8	ug/L			04/20/23 03:36	5
1,4-Dichlorobenzene	<1.8		5.0	1.8	ug/L			04/20/23 03:36	5
2,2-Dichloropropane	<2.2		5.0	2.2	ug/L			04/20/23 03:36	5
2-Butanone (MEK)	<11	^c	25	11	ug/L			04/20/23 03:36	5
2-Chlorotoluene	<1.6		5.0	1.6	ug/L			04/20/23 03:36	5
2-Hexanone	<7.8	^c	25	7.8	ug/L			04/20/23 03:36	5
4-Chlorotoluene	<1.7		5.0	1.7	ug/L			04/20/23 03:36	5
4-Methyl-2-pentanone (MIBK)	<11	^c	25	11	ug/L			04/20/23 03:36	5
Acetone	**23**	**J ^c**	50	8.7	ug/L			04/20/23 03:36	5
Benzene	**370**		2.5	0.73	ug/L			04/20/23 03:36	5
Bromobenzene	<1.8		5.0	1.8	ug/L			04/20/23 03:36	5
Bromochloromethane	<2.1		5.0	2.1	ug/L			04/20/23 03:36	5
Bromodichloromethane	<1.9		5.0	1.9	ug/L			04/20/23 03:36	5
Bromoform	<2.4		5.0	2.4	ug/L			04/20/23 03:36	5
Bromomethane	<4.0	^c	15	4.0	ug/L			04/20/23 03:36	5
Carbon disulfide	<2.2		10	2.2	ug/L			04/20/23 03:36	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			04/20/23 03:36	5
Chlorobenzene	<1.9		5.0	1.9	ug/L			04/20/23 03:36	5
Chloroethane	<2.5		5.0	2.5	ug/L			04/20/23 03:36	5
Chloroform	<1.9		10	1.9	ug/L			04/20/23 03:36	5
Chloromethane	**3.7**	**J B**	5.0	1.6	ug/L			04/20/23 03:36	5
cis-1,2-Dichloroethene	**7.5**		5.0	2.0	ug/L			04/20/23 03:36	5
cis-1,3-Dichloropropene	<2.1		5.0	2.1	ug/L			04/20/23 03:36	5
Dibromochloromethane	<2.4		5.0	2.4	ug/L			04/20/23 03:36	5
Dibromomethane	<1.4		5.0	1.4	ug/L			04/20/23 03:36	5
Dichlorodifluoromethane	<3.4		15	3.4	ug/L			04/20/23 03:36	5
Diisopropyl ether	<1.4		5.0	1.4	ug/L			04/20/23 03:36	5
Ethylbenzene	**7.7**		2.5	0.92	ug/L			04/20/23 03:36	5
Hexachlorobutadiene	<2.2		5.0	2.2	ug/L			04/20/23 03:36	5
Isopropylbenzene	**26**		5.0	1.9	ug/L			04/20/23 03:36	5

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-6D-202304
Date Collected: 04/13/23 15:57
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	**10**		5.0	0.91	ug/L			04/20/23 03:36	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			04/20/23 03:36	5
Methylene Chloride	<8.2		25	8.2	ug/L			04/20/23 03:36	5
Naphthalene	**3.0**	**J**	5.0	1.7	ug/L			04/20/23 03:36	5
n-Butylbenzene	<1.9		5.0	1.9	ug/L			04/20/23 03:36	5
n-Hexane	<2.5		5.0	2.5	ug/L			04/20/23 03:36	5
N-Propylbenzene	**8.9**		5.0	2.1	ug/L			04/20/23 03:36	5
o-Xylene	<1.1		2.5	1.1	ug/L			04/20/23 03:36	5
p-Isopropyltoluene	**5.3**		5.0	1.8	ug/L			04/20/23 03:36	5
sec-Butylbenzene	**3.4**	**J**	5.0	2.0	ug/L			04/20/23 03:36	5
Styrene	**4.6**	**J**	5.0	1.9	ug/L			04/20/23 03:36	5
tert-Butylbenzene	<2.0		5.0	2.0	ug/L			04/20/23 03:36	5
Tetrachloroethene	<1.9		5.0	1.9	ug/L			04/20/23 03:36	5
Tetrahydrofuran	<9.4	^c	50	9.4	ug/L			04/20/23 03:36	5
Toluene	**18**		2.5	0.76	ug/L			04/20/23 03:36	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			04/20/23 03:36	5
trans-1,3-Dichloropropene	<1.8		5.0	1.8	ug/L			04/20/23 03:36	5
Trichloroethene	**14**		2.5	0.82	ug/L			04/20/23 03:36	5
Trichlorofluoromethane	<2.1		5.0	2.1	ug/L			04/20/23 03:36	5
Vinyl chloride	<1.0		5.0	1.0	ug/L			04/20/23 03:36	5
Xylenes, Total	**10**		5.0	1.1	ug/L			04/20/23 03:36	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*		*04/20/23 03:36*	*5*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*04/20/23 03:36*	*5*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*04/20/23 03:36*	*5*
Toluene-d8 (Surr)	*99*		*75 - 120*		*04/20/23 03:36*	*5*

Client Sample ID: MW-9D2-202304
Date Collected: 04/11/23 14:52
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 04:28	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 04:28	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 04:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 04:28	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 04:28	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 04:28	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 04:28	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 04:28	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/20/23 04:28	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 04:28	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/20/23 04:28	1
1,2,4-Trimethylbenzene	**0.73**	**J B**	1.0	0.36	ug/L			04/20/23 04:28	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 04:28	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 04:28	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 04:28	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 04:28	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 04:28	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 04:28	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 04:28	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 04:28	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 04:28	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 04:28	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			04/20/23 04:28	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 04:28	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			04/20/23 04:28	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 04:28	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			04/20/23 04:28	1
Acetone	**4.8**	**J ^c**	10	1.7	ug/L			04/20/23 04:28	1
Benzene	**0.15**	**J**	0.50	0.15	ug/L			04/20/23 04:28	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 04:28	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 04:28	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 04:28	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 04:28	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			04/20/23 04:28	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 04:28	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 04:28	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 04:28	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/20/23 04:28	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 04:28	1
Chloromethane	**1.3**	**B**	1.0	0.32	ug/L			04/20/23 04:28	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 04:28	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 04:28	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 04:28	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 04:28	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 04:28	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 04:28	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 04:28	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 04:28	1
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 04:28	1

Client Sample ID: MW-9D2-202304
Date Collected: 04/11/23 14:52
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**7.0**		1.0	0.39	ug/L			04/20/23 04:28	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 04:28	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/20/23 04:28	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 04:28	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 04:28	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 04:28	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 04:28	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 04:28	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 04:28	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 04:28	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 04:28	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 04:28	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 04:28	1
trans-1,2-Dichloroethene	**1.6**		1.0	0.35	ug/L			04/20/23 04:28	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 04:28	1
Trichloroethene	**63**		0.50	0.16	ug/L			04/20/23 04:28	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 04:28	1
Vinyl chloride	**2.2**		1.0	0.20	ug/L			04/20/23 04:28	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*04/20/23 04:28*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*04/20/23 04:28*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*04/20/23 04:28*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*04/20/23 04:28*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**93**		10	4.1	ug/L			04/24/23 23:46	10
Tetrachloroethene	**270**		10	3.7	ug/L			04/24/23 23:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*		*04/24/23 23:46*	*10*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*04/24/23 23:46*	*10*
Dibromofluoromethane (Surr)	*104*		*75 - 120*		*04/24/23 23:46*	*10*
Toluene-d8 (Surr)	*102*		*75 - 120*		*04/24/23 23:46*	*10*

Client Sample ID: MW-17-202304
Date Collected: 04/13/23 15:02
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 04:54	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 04:54	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 04:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 04:54	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 04:54	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 04:54	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 04:54	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 04:54	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/20/23 04:54	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 04:54	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/20/23 04:54	1
1,2,4-Trimethylbenzene	**0.73**	**J B**	1.0	0.36	ug/L			04/20/23 04:54	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 04:54	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 04:54	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 04:54	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 04:54	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 04:54	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 04:54	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 04:54	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 04:54	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 04:54	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 04:54	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			04/20/23 04:54	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 04:54	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			04/20/23 04:54	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 04:54	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			04/20/23 04:54	1
Acetone	**1.9**	**J ^c**	10	1.7	ug/L			04/20/23 04:54	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 04:54	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 04:54	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 04:54	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 04:54	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 04:54	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			04/20/23 04:54	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 04:54	1
Carbon tetrachloride	**0.81**	**J**	1.0	0.38	ug/L			04/20/23 04:54	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 04:54	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/20/23 04:54	1
Chloroform	**1.0**	**J**	2.0	0.37	ug/L			04/20/23 04:54	1
Chloromethane	**0.55**	**J B**	1.0	0.32	ug/L			04/20/23 04:54	1
cis-1,2-Dichloroethene	**9.8**		1.0	0.41	ug/L			04/20/23 04:54	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 04:54	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 04:54	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 04:54	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 04:54	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 04:54	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 04:54	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 04:54	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 04:54	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-17-202304
Date Collected: 04/13/23 15:02
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 04:54	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 04:54	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 04:54	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/20/23 04:54	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 04:54	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 04:54	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 04:54	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 04:54	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 04:54	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 04:54	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 04:54	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 04:54	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 04:54	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 04:54	1
trans-1,2-Dichloroethene	**0.77**	**J**	1.0	0.35	ug/L			04/20/23 04:54	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 04:54	1
Trichloroethene	**54**		0.50	0.16	ug/L			04/20/23 04:54	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 04:54	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 04:54	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*		*04/20/23 04:54*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*04/20/23 04:54*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*04/20/23 04:54*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*04/20/23 04:54*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**950**		10	3.7	ug/L			04/20/23 05:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*04/20/23 05:20*	*10*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*04/20/23 05:20*	*10*
Dibromofluoromethane (Surr)	*102*		*75 - 120*		*04/20/23 05:20*	*10*
Toluene-d8 (Surr)	*97*		*75 - 120*		*04/20/23 05:20*	*10*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-25D2-202304
Date Collected: 04/11/23 11:03
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 05:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 05:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 05:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 05:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 05:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 05:47	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 05:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 05:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/20/23 05:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 05:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/20/23 05:47	1
1,2,4-Trimethylbenzene	**0.74**	**J B**	1.0	0.36	ug/L			04/20/23 05:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 05:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 05:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 05:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 05:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 05:47	1
1,3,5-Trimethylbenzene	**0.78**	**J B**	1.0	0.25	ug/L			04/20/23 05:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 05:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 05:47	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 05:47	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 05:47	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			04/20/23 05:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 05:47	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			04/20/23 05:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 05:47	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			04/20/23 05:47	1
Acetone	**3.3**	**J ^c**	10	1.7	ug/L			04/20/23 05:47	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 05:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 05:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 05:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 05:47	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 05:47	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			04/20/23 05:47	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 05:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 05:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 05:47	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/20/23 05:47	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 05:47	1
Chloromethane	**1.3**	**B**	1.0	0.32	ug/L			04/20/23 05:47	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/23 05:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 05:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 05:47	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 05:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 05:47	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 05:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 05:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 05:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 05:47	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-25D2-202304
Date Collected: 04/11/23 11:03
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 05:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 05:47	1
Methylene Chloride	**1.7**	**J B**	5.0	1.6	ug/L			04/20/23 05:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/20/23 05:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 05:47	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 05:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 05:47	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 05:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 05:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 05:47	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 05:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 05:47	1
Tetrachloroethene	**0.55**	**J**	1.0	0.37	ug/L			04/20/23 05:47	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 05:47	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 05:47	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 05:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 05:47	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/20/23 05:47	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 05:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 05:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*04/20/23 05:47*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*04/20/23 05:47*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*04/20/23 05:47*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*04/20/23 05:47*	*1*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-27D-202304
Date Collected: 04/11/23 13:33
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 06:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 06:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 06:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 06:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 06:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 06:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 06:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 06:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/20/23 06:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 06:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/20/23 06:13	1
1,2,4-Trimethylbenzene	**0.73**	**J B**	1.0	0.36	ug/L			04/20/23 06:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 06:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 06:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 06:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 06:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 06:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 06:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 06:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 06:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 06:13	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 06:13	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			04/20/23 06:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 06:13	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			04/20/23 06:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 06:13	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			04/20/23 06:13	1
Acetone	**2.7**	**J ^c**	10	1.7	ug/L			04/20/23 06:13	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 06:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 06:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 06:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 06:13	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 06:13	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			04/20/23 06:13	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 06:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 06:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 06:13	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/20/23 06:13	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 06:13	1
Chloromethane	**0.55**	**J B**	1.0	0.32	ug/L			04/20/23 06:13	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/23 06:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 06:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 06:13	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 06:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 06:13	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 06:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 06:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 06:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 06:13	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-27D-202304
Date Collected: 04/11/23 13:33
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 06:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 06:13	1
Methylene Chloride	**1.7**	**J B**	5.0	1.6	ug/L			04/20/23 06:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/20/23 06:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 06:13	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 06:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 06:13	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 06:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 06:13	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 06:13	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 06:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 06:13	1
Tetrachloroethene	**1.3**		1.0	0.37	ug/L			04/20/23 06:13	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 06:13	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 06:13	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 06:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 06:13	1
Trichloroethene	**2.0**		0.50	0.16	ug/L			04/20/23 06:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 06:13	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 06:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*04/20/23 06:13*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*04/20/23 06:13*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 120*		*04/20/23 06:13*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*04/20/23 06:13*	*1*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: DUP-01-202304
Date Collected: 04/12/23 00:00
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 06:39	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 06:39	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 06:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 06:39	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 06:39	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 06:39	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 06:39	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 06:39	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/20/23 06:39	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 06:39	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/20/23 06:39	1
1,2,4-Trimethylbenzene	**0.73**	**J B**	1.0	0.36	ug/L			04/20/23 06:39	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 06:39	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 06:39	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 06:39	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 06:39	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 06:39	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 06:39	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 06:39	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 06:39	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 06:39	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 06:39	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			04/20/23 06:39	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 06:39	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			04/20/23 06:39	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 06:39	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			04/20/23 06:39	1
Acetone	**2.9**	**J ^c**	10	1.7	ug/L			04/20/23 06:39	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 06:39	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 06:39	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 06:39	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 06:39	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 06:39	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			04/20/23 06:39	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 06:39	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 06:39	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 06:39	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/20/23 06:39	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 06:39	1
Chloromethane	**1.1**	**B**	1.0	0.32	ug/L			04/20/23 06:39	1
cis-1,2-Dichloroethene	**25**		1.0	0.41	ug/L			04/20/23 06:39	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 06:39	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 06:39	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 06:39	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 06:39	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 06:39	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 06:39	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 06:39	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 06:39	1

Client Sample ID: DUP-01-202304
Date Collected: 04/12/23 00:00
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 06:39	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 06:39	1
Methylene Chloride	**1.7**	**J B**	5.0	1.6	ug/L			04/20/23 06:39	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/20/23 06:39	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 06:39	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 06:39	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 06:39	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 06:39	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 06:39	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 06:39	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 06:39	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 06:39	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 06:39	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 06:39	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 06:39	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 06:39	1
Trichloroethene	**18**		0.50	0.16	ug/L			04/20/23 06:39	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 06:39	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 06:39	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*04/20/23 06:39*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*04/20/23 06:39*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*04/20/23 06:39*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*04/20/23 06:39*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**390**		10	3.7	ug/L			04/20/23 07:05	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*04/20/23 07:05*	*10*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*04/20/23 07:05*	*10*
Dibromofluoromethane (Surr)	*103*		*75 - 120*		*04/20/23 07:05*	*10*
Toluene-d8 (Surr)	*94*		*75 - 120*		*04/20/23 07:05*	*10*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0047		0.0099	0.0047	ug/L		04/19/23 00:25	04/19/23 18:12	1
PCB-1221	<0.0057		0.0099	0.0057	ug/L		04/19/23 00:25	04/19/23 18:12	1
PCB-1232	<0.0052		0.0099	0.0052	ug/L		04/19/23 00:25	04/19/23 18:12	1
PCB-1242	<0.0035		0.0099	0.0035	ug/L		04/19/23 00:25	04/19/23 18:12	1
PCB-1248	<0.0079		0.0099	0.0079	ug/L		04/19/23 00:25	04/19/23 18:12	1
PCB-1254	<0.0045		0.0099	0.0045	ug/L		04/19/23 00:25	04/19/23 18:12	1
PCB-1260	<0.0039		0.0099	0.0039	ug/L		04/19/23 00:25	04/19/23 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*116*		*48 - 129*	*04/19/23 00:25*	*04/19/23 18:12*	*1*
Tetrachloro-m-xylene (Surr)	*94*	*p*	*36 - 117*	*04/19/23 00:25*	*04/19/23 18:12*	*1*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: DUP-01-202304
Date Collected: 04/12/23 00:00
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-14
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2620		16.7	7.2	mg/L			04/19/23 06:56	1
Total Suspended Solids (SM 2540D)	3.3	J	5.0	1.9	mg/L			04/17/23 13:07	1

Client Sample ID: DUP-02-202304
Date Collected: 04/13/23 00:00
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-15
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.3		5.0	2.3	ug/L			04/20/23 07:31	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			04/20/23 07:31	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			04/20/23 07:31	5
1,1,2-Trichloro-1,2,2-trifluoroethane	<2.3		5.0	2.3	ug/L			04/20/23 07:31	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			04/20/23 07:31	5
1,1-Dichloroethane	<2.1		5.0	2.1	ug/L			04/20/23 07:31	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			04/20/23 07:31	5
1,1-Dichloropropene	<1.5		5.0	1.5	ug/L			04/20/23 07:31	5
1,2,3-Trichlorobenzene	<2.3		5.0	2.3	ug/L			04/20/23 07:31	5
1,2,3-Trichloropropane	<2.1		10	2.1	ug/L			04/20/23 07:31	5
1,2,4-Trichlorobenzene	<1.7		5.0	1.7	ug/L			04/20/23 07:31	5
1,2,4-Trimethylbenzene	**6.1**	**B**	5.0	1.8	ug/L			04/20/23 07:31	5
1,2-Dibromo-3-Chloropropane	<10		25	10	ug/L			04/20/23 07:31	5
1,2-Dibromoethane	<1.9		5.0	1.9	ug/L			04/20/23 07:31	5
1,2-Dichlorobenzene	<1.7		5.0	1.7	ug/L			04/20/23 07:31	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			04/20/23 07:31	5
1,2-Dichloropropane	<2.1		5.0	2.1	ug/L			04/20/23 07:31	5
1,3,5-Trimethylbenzene	<1.3		5.0	1.3	ug/L			04/20/23 07:31	5
1,3-Dichlorobenzene	<2.0		5.0	2.0	ug/L			04/20/23 07:31	5
1,3-Dichloropropane	<1.8		5.0	1.8	ug/L			04/20/23 07:31	5
1,4-Dichlorobenzene	<1.8		5.0	1.8	ug/L			04/20/23 07:31	5
2,2-Dichloropropane	<2.2		5.0	2.2	ug/L			04/20/23 07:31	5
2-Butanone (MEK)	<11	^c	25	11	ug/L			04/20/23 07:31	5
2-Chlorotoluene	<1.6		5.0	1.6	ug/L			04/20/23 07:31	5
2-Hexanone	<7.8	^c	25	7.8	ug/L			04/20/23 07:31	5
4-Chlorotoluene	<1.7		5.0	1.7	ug/L			04/20/23 07:31	5
4-Methyl-2-pentanone (MIBK)	<11	^c	25	11	ug/L			04/20/23 07:31	5
Acetone	**17**	**J ^c**	50	8.7	ug/L			04/20/23 07:31	5
Benzene	**380**		2.5	0.73	ug/L			04/20/23 07:31	5
Bromobenzene	<1.8		5.0	1.8	ug/L			04/20/23 07:31	5
Bromochloromethane	<2.1		5.0	2.1	ug/L			04/20/23 07:31	5
Bromodichloromethane	<1.9		5.0	1.9	ug/L			04/20/23 07:31	5
Bromoform	<2.4		5.0	2.4	ug/L			04/20/23 07:31	5
Bromomethane	<4.0	^c	15	4.0	ug/L			04/20/23 07:31	5
Carbon disulfide	<2.2		10	2.2	ug/L			04/20/23 07:31	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			04/20/23 07:31	5
Chlorobenzene	<1.9		5.0	1.9	ug/L			04/20/23 07:31	5
Chloroethane	<2.5		5.0	2.5	ug/L			04/20/23 07:31	5
Chloroform	<1.9		10	1.9	ug/L			04/20/23 07:31	5
Chloromethane	**6.3**	**B**	5.0	1.6	ug/L			04/20/23 07:31	5
cis-1,2-Dichloroethene	**7.4**		5.0	2.0	ug/L			04/20/23 07:31	5
cis-1,3-Dichloropropene	<2.1		5.0	2.1	ug/L			04/20/23 07:31	5
Dibromochloromethane	<2.4		5.0	2.4	ug/L			04/20/23 07:31	5
Dibromomethane	<1.4		5.0	1.4	ug/L			04/20/23 07:31	5
Dichlorodifluoromethane	<3.4		15	3.4	ug/L			04/20/23 07:31	5
Diisopropyl ether	<1.4		5.0	1.4	ug/L			04/20/23 07:31	5
Ethylbenzene	**6.8**		2.5	0.92	ug/L			04/20/23 07:31	5
Hexachlorobutadiene	<2.2		5.0	2.2	ug/L			04/20/23 07:31	5
Isopropylbenzene	**24**		5.0	1.9	ug/L			04/20/23 07:31	5

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: DUP-02-202304
Date Collected: 04/13/23 00:00
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-15
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	**9.6**		5.0	0.91	ug/L			04/20/23 07:31	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			04/20/23 07:31	5
Methylene Chloride	<8.2		25	8.2	ug/L			04/20/23 07:31	5
Naphthalene	**2.8**	**J**	5.0	1.7	ug/L			04/20/23 07:31	5
n-Butylbenzene	<1.9		5.0	1.9	ug/L			04/20/23 07:31	5
n-Hexane	<2.5		5.0	2.5	ug/L			04/20/23 07:31	5
N-Propylbenzene	**8.0**		5.0	2.1	ug/L			04/20/23 07:31	5
o-Xylene	<1.1		2.5	1.1	ug/L			04/20/23 07:31	5
p-Isopropyltoluene	**5.0**		5.0	1.8	ug/L			04/20/23 07:31	5
sec-Butylbenzene	**2.7**	**J**	5.0	2.0	ug/L			04/20/23 07:31	5
Styrene	**4.6**	**J**	5.0	1.9	ug/L			04/20/23 07:31	5
tert-Butylbenzene	<2.0		5.0	2.0	ug/L			04/20/23 07:31	5
Tetrachloroethene	**2.1**	**J**	5.0	1.9	ug/L			04/20/23 07:31	5
Tetrahydrofuran	<9.4	^c	50	9.4	ug/L			04/20/23 07:31	5
Toluene	**17**		2.5	0.76	ug/L			04/20/23 07:31	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			04/20/23 07:31	5
trans-1,3-Dichloropropene	<1.8		5.0	1.8	ug/L			04/20/23 07:31	5
Trichloroethene	**14**		2.5	0.82	ug/L			04/20/23 07:31	5
Trichlorofluoromethane	<2.1		5.0	2.1	ug/L			04/20/23 07:31	5
Vinyl chloride	<1.0		5.0	1.0	ug/L			04/20/23 07:31	5
Xylenes, Total	**9.6**		5.0	1.1	ug/L			04/20/23 07:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*04/20/23 07:31*	*5*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*04/20/23 07:31*	*5*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*04/20/23 07:31*	*5*
Toluene-d8 (Surr)	*97*		*75 - 120*		*04/20/23 07:31*	*5*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: FB-01-202304
Date Collected: 04/13/23 16:20
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-16
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 02:19	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 02:19	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 02:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 02:19	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 02:19	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 02:19	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 02:19	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 02:19	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			04/20/23 02:19	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 02:19	1
1,2,4-Trichlorobenzene	<0.34	^c	1.0	0.34	ug/L			04/20/23 02:19	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 02:19	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 02:19	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 02:19	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 02:19	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 02:19	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 02:19	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 02:19	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 02:19	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 02:19	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 02:19	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 02:19	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 02:19	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 02:19	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 02:19	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 02:19	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 02:19	1
Acetone	**11**	**B**	10	1.7	ug/L			04/20/23 02:19	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 02:19	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 02:19	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 02:19	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 02:19	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 02:19	1
Bromomethane	<0.80	^c *	3.0	0.80	ug/L			04/20/23 02:19	1
Carbon disulfide	**0.74**	**J**	2.0	0.45	ug/L			04/20/23 02:19	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 02:19	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 02:19	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			04/20/23 02:19	1
Chloroform	**0.99**	**J**	2.0	0.37	ug/L			04/20/23 02:19	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 02:19	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/23 02:19	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 02:19	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 02:19	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 02:19	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 02:19	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 02:19	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 02:19	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 02:19	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 02:19	1

Client Sample ID: FB-01-202304
Date Collected: 04/13/23 16:20
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-16
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 02:19	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 02:19	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 02:19	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			04/20/23 02:19	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 02:19	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 02:19	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 02:19	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 02:19	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 02:19	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 02:19	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 02:19	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 02:19	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/20/23 02:19	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 02:19	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 02:19	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 02:19	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 02:19	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/20/23 02:19	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 02:19	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 02:19	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*04/20/23 02:19*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*04/20/23 02:19*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*04/20/23 02:19*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*04/20/23 02:19*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0047		0.0099	0.0047	ug/L		04/19/23 00:25	04/19/23 19:27	1
PCB-1221	<0.0057		0.0099	0.0057	ug/L		04/19/23 00:25	04/19/23 19:27	1
PCB-1232	<0.0052		0.0099	0.0052	ug/L		04/19/23 00:25	04/19/23 19:27	1
PCB-1242	<0.0035		0.0099	0.0035	ug/L		04/19/23 00:25	04/19/23 19:27	1
PCB-1248	<0.0079		0.0099	0.0079	ug/L		04/19/23 00:25	04/19/23 19:27	1
PCB-1254	<0.0045		0.0099	0.0045	ug/L		04/19/23 00:25	04/19/23 19:27	1
PCB-1260	<0.0039		0.0099	0.0039	ug/L		04/19/23 00:25	04/19/23 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*109*		*48 - 129*	*04/19/23 00:25*	*04/19/23 19:27*	*1*
Tetrachloro-m-xylene (Surr)	*105*		*36 - 117*	*04/19/23 00:25*	*04/19/23 19:27*	*1*

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**32.0**		10.0	4.3	mg/L			04/20/23 09:16	1
Total Suspended Solids (SM 2540D)	**6.4**		5.0	1.9	mg/L			04/18/23 12:54	1

Client Sample ID: Trip Blank
Date Collected: 04/11/23 00:00
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 01:31	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 01:31	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 01:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 01:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 01:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 01:31	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 01:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 01:31	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			04/20/23 01:31	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 01:31	1
1,2,4-Trichlorobenzene	<0.34	^c	1.0	0.34	ug/L			04/20/23 01:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 01:31	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 01:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 01:31	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 01:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 01:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 01:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 01:31	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 01:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 01:31	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 01:31	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 01:31	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 01:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 01:31	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 01:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 01:31	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 01:31	1
Acetone	**8.0**	**J B**	10	1.7	ug/L			04/20/23 01:31	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 01:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 01:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 01:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 01:31	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 01:31	1
Bromomethane	<0.80	^c *	3.0	0.80	ug/L			04/20/23 01:31	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 01:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 01:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 01:31	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			04/20/23 01:31	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 01:31	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 01:31	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/23 01:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 01:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 01:31	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 01:31	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 01:31	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 01:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 01:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 01:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 01:31	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: Trip Blank
Date Collected: 04/11/23 00:00
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 01:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 01:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 01:31	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			04/20/23 01:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 01:31	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 01:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 01:31	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 01:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 01:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 01:31	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 01:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 01:31	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/20/23 01:31	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 01:31	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 01:31	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 01:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 01:31	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/20/23 01:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 01:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 01:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*04/20/23 01:31*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*04/20/23 01:31*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*04/20/23 01:31*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*04/20/23 01:31*	*1*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MP-14 (135-140)-202304
Date Collected: 04/10/23 15:30
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 02:43	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 02:43	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 02:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 02:43	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 02:43	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 02:43	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 02:43	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 02:43	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			04/20/23 02:43	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 02:43	1
1,2,4-Trichlorobenzene	<0.34	^c	1.0	0.34	ug/L			04/20/23 02:43	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 02:43	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 02:43	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 02:43	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 02:43	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 02:43	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 02:43	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 02:43	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 02:43	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 02:43	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 02:43	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 02:43	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 02:43	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 02:43	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 02:43	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 02:43	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 02:43	1
Acetone	**4.2**	**J B**	10	1.7	ug/L			04/20/23 02:43	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 02:43	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 02:43	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 02:43	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 02:43	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 02:43	1
Bromomethane	<0.80	^c *	3.0	0.80	ug/L			04/20/23 02:43	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 02:43	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 02:43	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 02:43	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			04/20/23 02:43	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 02:43	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 02:43	1
cis-1,2-Dichloroethene	**1.4**		1.0	0.41	ug/L			04/20/23 02:43	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 02:43	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 02:43	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 02:43	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 02:43	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 02:43	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 02:43	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 02:43	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 02:43	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MP-14 (135-140)-202304
Date Collected: 04/10/23 15:30
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 02:43	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 02:43	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 02:43	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			04/20/23 02:43	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 02:43	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 02:43	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 02:43	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 02:43	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 02:43	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 02:43	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 02:43	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 02:43	1
Tetrachloroethene	**51**		1.0	0.37	ug/L			04/20/23 02:43	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 02:43	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 02:43	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 02:43	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 02:43	1
Trichloroethene	**2.8**		0.50	0.16	ug/L			04/20/23 02:43	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 02:43	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 02:43	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*04/20/23 02:43*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*04/20/23 02:43*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*04/20/23 02:43*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*04/20/23 02:43*	*1*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MP-16 (140-144)-202304
Date Collected: 04/10/23 14:30
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-19
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 03:07	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 03:07	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 03:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 03:07	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 03:07	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 03:07	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 03:07	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 03:07	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			04/20/23 03:07	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 03:07	1
1,2,4-Trichlorobenzene	<0.34	^c	1.0	0.34	ug/L			04/20/23 03:07	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 03:07	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 03:07	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 03:07	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 03:07	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 03:07	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 03:07	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 03:07	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 03:07	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 03:07	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 03:07	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 03:07	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 03:07	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 03:07	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 03:07	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 03:07	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 03:07	1
Acetone	**4.4**	**J B**	10	1.7	ug/L			04/20/23 03:07	1
Benzene	**0.19**	**J**	0.50	0.15	ug/L			04/20/23 03:07	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 03:07	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 03:07	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 03:07	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 03:07	1
Bromomethane	<0.80	^c *	3.0	0.80	ug/L			04/20/23 03:07	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 03:07	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 03:07	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 03:07	1
Chloroethane	<0.51	^c	1.0	0.51	ug/L			04/20/23 03:07	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 03:07	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 03:07	1
cis-1,2-Dichloroethene	**2.0**		1.0	0.41	ug/L			04/20/23 03:07	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 03:07	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 03:07	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 03:07	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 03:07	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 03:07	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 03:07	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 03:07	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 03:07	1

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MP-16 (140-144)-202304
Date Collected: 04/10/23 14:30
Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-19
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 03:07	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 03:07	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 03:07	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			04/20/23 03:07	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 03:07	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 03:07	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 03:07	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 03:07	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 03:07	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 03:07	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 03:07	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 03:07	1
Tetrachloroethene	**54**		1.0	0.37	ug/L			04/20/23 03:07	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			04/20/23 03:07	1
Toluene	**0.24**	**J**	0.50	0.15	ug/L			04/20/23 03:07	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 03:07	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 03:07	1
Trichloroethene	**9.7**		0.50	0.16	ug/L			04/20/23 03:07	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 03:07	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 03:07	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*04/20/23 03:07*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*04/20/23 03:07*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*04/20/23 03:07*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*04/20/23 03:07*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
^c	CCV Recovery is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Reported value was between the limit of detection and the limit of quantitation.

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate recovery exceeds control limits

General Chemistry

Qualifier	Qualifier Description
J	Reported value was between the limit of detection and the limit of quantitation.

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

GC/MS VOA

Analysis Batch: 708655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-1	MW-2D-202304	Total/NA	Water	8260D	
500-232280-2	MW-3D-202304	Total/NA	Water	8260D	
500-232280-3	MW-3D2-202304	Total/NA	Water	8260D	
500-232280-4	MW-4D2-202304	Total/NA	Water	8260D	
500-232280-6	MW-5D-202304	Total/NA	Water	8260D	
500-232280-6 - DL	MW-5D-202304	Total/NA	Water	8260D	
500-232280-7	MW-5D2-202304	Total/NA	Water	8260D	
500-232280-7 - DL	MW-5D2-202304	Total/NA	Water	8260D	
500-232280-8	MW-5D3-202304	Total/NA	Water	8260D	
500-232280-16	FB-01-202304	Total/NA	Water	8260D	
500-232280-17	Trip Blank	Total/NA	Water	8260D	
500-232280-18	MP-14 (135-140)-202304	Total/NA	Water	8260D	
500-232280-19	MP-16 (140-144)-202304	Total/NA	Water	8260D	
MB 500-708655/7	Method Blank	Total/NA	Water	8260D	
LCS 500-708655/5	Lab Control Sample	Total/NA	Water	8260D	
500-232280-8 MS	MW-5D3-202304	Total/NA	Water	8260D	
500-232280-8 MSD	MW-5D3-202304	Total/NA	Water	8260D	

Analysis Batch: 708663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-9	MW-6D-202304	Total/NA	Water	8260D	
500-232280-10	MW-9D2-202304	Total/NA	Water	8260D	
500-232280-11	MW-17-202304	Total/NA	Water	8260D	
500-232280-11 - DL	MW-17-202304	Total/NA	Water	8260D	
500-232280-12	MW-25D2-202304	Total/NA	Water	8260D	
500-232280-13	MW-27D-202304	Total/NA	Water	8260D	
500-232280-14	DUP-01-202304	Total/NA	Water	8260D	
500-232280-14 - DL	DUP-01-202304	Total/NA	Water	8260D	
500-232280-15	DUP-02-202304	Total/NA	Water	8260D	
MB 500-708663/27	Method Blank	Total/NA	Water	8260D	
LCS 500-708663/5	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 709418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-10 - DL	MW-9D2-202304	Total/NA	Water	8260D	
MB 500-709418/6	Method Blank	Total/NA	Water	8260D	
LCS 500-709418/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 709740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-2 - DL	MW-3D-202304	Total/NA	Water	8260D	
MB 500-709740/7	Method Blank	Total/NA	Water	8260D	
LCS 500-709740/8	Lab Control Sample	Total/NA	Water	8260D	

GC Semi VOA

Prep Batch: 432697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-2	MW-3D-202304	Total/NA	Water	3510C	
500-232280-5	MW-5S-202304	Total/NA	Water	3510C	
500-232280-14	DUP-01-202304	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 432697 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-16	FB-01-202304	Total/NA	Water	3510C	
MB 180-432697/1-A	Method Blank	Total/NA	Water	3510C	
LCS 180-432697/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 180-432697/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
500-232280-5 MS	MW-5S-202304	Total/NA	Water	3510C	
500-232280-5 MSD	MW-5S-202304	Total/NA	Water	3510C	

Analysis Batch: 432711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-2	MW-3D-202304	Total/NA	Water	EPA 8082A	432697
500-232280-5	MW-5S-202304	Total/NA	Water	EPA 8082A	432697
500-232280-14	DUP-01-202304	Total/NA	Water	EPA 8082A	432697
500-232280-16	FB-01-202304	Total/NA	Water	EPA 8082A	432697
MB 180-432697/1-A	Method Blank	Total/NA	Water	EPA 8082A	432697
LCS 180-432697/4-A	Lab Control Sample	Total/NA	Water	EPA 8082A	432697
LCSD 180-432697/5-A	Lab Control Sample Dup	Total/NA	Water	EPA 8082A	432697
500-232280-5 MS	MW-5S-202304	Total/NA	Water	EPA 8082A	432697
500-232280-5 MSD	MW-5S-202304	Total/NA	Water	EPA 8082A	432697

General Chemistry

Analysis Batch: 708103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-2	MW-3D-202304	Total/NA	Water	SM 2540D	
500-232280-14	DUP-01-202304	Total/NA	Water	SM 2540D	
MB 500-708103/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 500-708103/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 708306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-5	MW-5S-202304	Total/NA	Water	SM 2540D	
500-232280-16	FB-01-202304	Total/NA	Water	SM 2540D	
MB 500-708306/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 500-708306/2	Lab Control Sample	Total/NA	Water	SM 2540D	
500-232280-5 MS	MW-5S-202304	Total/NA	Water	SM 2540D	
500-232280-5 MSD	MW-5S-202304	Total/NA	Water	SM 2540D	

Analysis Batch: 708422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-2	MW-3D-202304	Total/NA	Water	SM 2540C	
500-232280-14	DUP-01-202304	Total/NA	Water	SM 2540C	
MB 500-708422/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-708422/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 708732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-5	MW-5S-202304	Total/NA	Water	SM 2540C	
500-232280-16	FB-01-202304	Total/NA	Water	SM 2540C	
MB 500-708732/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-708732/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-232280-5 MS	MW-5S-202304	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 708732 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232280-5 MSD	MW-5S-202304	Total/NA	Water	SM 2540C	
500-232280-16 DU	FB-01-202304	Total/NA	Water	SM 2540C	

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-232280-1	MW-2D-202304	95	114	98	97
500-232280-2	MW-3D-202304	97	115	100	96
500-232280-2 - DL	MW-3D-202304	112	100 ^c	114	88
500-232280-3	MW-3D2-202304	96	109	99	96
500-232280-4	MW-4D2-202304	96	110	100	96
500-232280-6 - DL	MW-5D-202304	98	110	99	96
500-232280-6	MW-5D-202304	96	109	100	96
500-232280-7 - DL	MW-5D2-202304	95	114	99	96
500-232280-7	MW-5D2-202304	95	114	99	96
500-232280-8	MW-5D3-202304	94	112	99	98
500-232280-8 MS	MW-5D3-202304	93	111	96	98
500-232280-8 MSD	MW-5D3-202304	91	117	97	98
500-232280-9	MW-6D-202304	86	104	93	99
500-232280-10	MW-9D2-202304	90	105	96	97
500-232280-10 - DL	MW-9D2-202304	112	100	104	102
500-232280-11	MW-17-202304	86	105	95	98
500-232280-11 - DL	MW-17-202304	94	103	102	97
500-232280-12	MW-25D2-202304	97	103	105	96
500-232280-13	MW-27D-202304	95	103	102	96
500-232280-14	DUP-01-202304	91	103	98	95
500-232280-14 - DL	DUP-01-202304	95	103	103	94
500-232280-15	DUP-02-202304	92	103	98	97
500-232280-16	FB-01-202304	93	110	95	98
500-232280-17	Trip Blank	93	110	97	98
500-232280-18	MP-14 (135-140)-202304	92	111	97	98
500-232280-19	MP-16 (140-144)-202304	92	109	97	98
LCS 500-708655/5	Lab Control Sample	90	110	94	100
LCS 500-708663/5	Lab Control Sample	86	101	93	98
LCS 500-709418/4	Lab Control Sample	111	106	104	100
LCS 500-709740/8	Lab Control Sample	91	91	96	96
MB 500-708655/7	Method Blank	94	110	97	97
MB 500-708663/27	Method Blank	92	105	100	96
MB 500-709418/6	Method Blank	114	99	105	102
MB 500-709740/7	Method Blank	111	99	111	90

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX2
Lab Sample ID	Client Sample ID	(48-129)	(36-117)
500-232280-14	DUP-01-202304	116	94 p

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB2	TCX1								
Lab Sample ID	Client Sample ID	(48-129)	(36-117)								
500-232280-5 MS	MW-5S-202304	94	103								
500-232280-16	FB-01-202304	109	105								
LCS 180-432697/4-A	Lab Control Sample	124	105								
LCSD 180-432697/5-A	Lab Control Sample Dup	129	113								
MB 180-432697/1-A	Method Blank	128	115								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB1	TCX1								
Lab Sample ID	Client Sample ID	(48-129)	(36-117)								
500-232280-2	MW-3D-202304	113	120 X								
500-232280-5	MW-5S-202304	108	128 X								
500-232280-5 MSD	MW-5S-202304	108	99								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-708655/7
Matrix: Water
Analysis Batch: 708655

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 01:07	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 01:07	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 01:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 01:07	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 01:07	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 01:07	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 01:07	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 01:07	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/20/23 01:07	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 01:07	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/20/23 01:07	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/20/23 01:07	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 01:07	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 01:07	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 01:07	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 01:07	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 01:07	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/20/23 01:07	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 01:07	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 01:07	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 01:07	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 01:07	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 01:07	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 01:07	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 01:07	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 01:07	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 01:07	1
Acetone	3.16	J	10	1.7	ug/L			04/20/23 01:07	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 01:07	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 01:07	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 01:07	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 01:07	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 01:07	1
Bromomethane	<0.80		3.0	0.80	ug/L			04/20/23 01:07	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 01:07	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 01:07	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 01:07	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/20/23 01:07	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 01:07	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/20/23 01:07	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/23 01:07	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 01:07	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 01:07	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 01:07	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 01:07	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 01:07	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 01:07	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 01:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-708655/7
Matrix: Water
Analysis Batch: 708655

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 01:07	1
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 01:07	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 01:07	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			04/20/23 01:07	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/20/23 01:07	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 01:07	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 01:07	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 01:07	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 01:07	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 01:07	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 01:07	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 01:07	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 01:07	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/20/23 01:07	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/20/23 01:07	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 01:07	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 01:07	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 01:07	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/20/23 01:07	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 01:07	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 01:07	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 01:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*04/20/23 01:07*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*04/20/23 01:07*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*04/20/23 01:07*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*04/20/23 01:07*	*1*

Lab Sample ID: LCS 500-708655/5
Matrix: Water
Analysis Batch: 708655

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	54.5		ug/L		109	70 - 125
1,1,1-Trichloroethane	50.0	48.5		ug/L		97	70 - 125
1,1,2,2-Tetrachloroethane	50.0	63.9		ug/L		128	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.6		ug/L		109	70 - 123
1,1,2-Trichloroethane	50.0	56.8		ug/L		114	71 - 130
1,1-Dichloroethane	50.0	53.2		ug/L		106	70 - 125
1,1-Dichloroethene	50.0	54.8		ug/L		110	67 - 122
1,1-Dichloropropene	50.0	53.4		ug/L		107	70 - 121
1,2,3-Trichlorobenzene	50.0	43.1		ug/L		86	51 - 145
1,2,3-Trichloropropane	50.0	60.7		ug/L		121	50 - 133
1,2,4-Trichlorobenzene	50.0	45.1		ug/L		90	57 - 137
1,2,4-Trimethylbenzene	50.0	57.5		ug/L		115	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	59.5		ug/L		119	56 - 123
1,2-Dibromoethane	50.0	56.2		ug/L		112	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-708655/5
Matrix: Water
Analysis Batch: 708655

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	50.0	53.2		ug/L		106	70 - 125
1,2-Dichloroethane	50.0	50.3		ug/L		101	68 - 127
1,2-Dichloropropane	50.0	54.6		ug/L		109	67 - 130
1,3,5-Trimethylbenzene	50.0	57.4		ug/L		115	70 - 123
1,3-Dichlorobenzene	50.0	53.3		ug/L		107	70 - 125
1,3-Dichloropropane	50.0	58.2		ug/L		116	62 - 136
1,4-Dichlorobenzene	50.0	53.6		ug/L		107	70 - 120
2,2-Dichloropropane	50.0	52.4		ug/L		105	58 - 139
2-Butanone (MEK)	50.0	52.9		ug/L		106	46 - 144
2-Chlorotoluene	50.0	58.8		ug/L		118	70 - 125
2-Hexanone	50.0	49.7		ug/L		99	54 - 146
4-Chlorotoluene	50.0	59.4		ug/L		119	68 - 124
4-Methyl-2-pentanone (MIBK)	50.0	48.8		ug/L		98	55 - 139
Acetone	50.0	51.4		ug/L		103	40 - 143
Benzene	50.0	53.5		ug/L		107	70 - 120
Bromobenzene	50.0	56.5		ug/L		113	70 - 122
Bromochloromethane	50.0	51.8		ug/L		104	65 - 122
Bromodichloromethane	50.0	54.7		ug/L		109	69 - 120
Bromoform	50.0	65.2		ug/L		130	56 - 132
Bromomethane	50.0	80.9	*	ug/L		162	40 - 152
Carbon disulfide	50.0	60.2		ug/L		120	66 - 120
Carbon tetrachloride	50.0	53.4		ug/L		107	59 - 133
Chlorobenzene	50.0	54.7		ug/L		109	70 - 120
Chloroethane	50.0	63.0		ug/L		126	48 - 136
Chloroform	50.0	50.1		ug/L		100	70 - 120
Chloromethane	50.0	50.7		ug/L		101	56 - 152
cis-1,2-Dichloroethene	50.0	52.5		ug/L		105	70 - 125
cis-1,3-Dichloropropene	50.0	56.6		ug/L		113	64 - 127
Dibromochloromethane	50.0	62.1		ug/L		124	68 - 125
Dibromomethane	50.0	53.7		ug/L		107	70 - 120
Dichlorodifluoromethane	50.0	47.1		ug/L		94	40 - 159
Ethylbenzene	50.0	54.5		ug/L		109	70 - 123
Hexachlorobutadiene	50.0	44.5		ug/L		89	51 - 150
Isopropylbenzene	50.0	57.5		ug/L		115	70 - 126
m&p-Xylene	50.0	55.4		ug/L		111	70 - 125
Methyl tert-butyl ether	50.0	47.1		ug/L		94	55 - 123
Methylene Chloride	50.0	54.2		ug/L		108	69 - 125
Naphthalene	50.0	45.7		ug/L		91	53 - 144
n-Butylbenzene	50.0	56.8		ug/L		114	68 - 125
n-Hexane	50.0	50.9		ug/L		102	65 - 142
N-Propylbenzene	50.0	60.1		ug/L		120	69 - 127
o-Xylene	50.0	55.4		ug/L		111	70 - 120
p-Isopropyltoluene	50.0	56.3		ug/L		113	70 - 125
sec-Butylbenzene	50.0	57.1		ug/L		114	70 - 123
Styrene	50.0	56.8		ug/L		114	70 - 120
tert-Butylbenzene	50.0	56.0		ug/L		112	70 - 121
Tetrachloroethene	50.0	51.4		ug/L		103	70 - 128
Tetrahydrofuran	100	89.7		ug/L		90	59 - 139
Toluene	50.0	57.4		ug/L		115	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-708655/5
Matrix: Water
Analysis Batch: 708655

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	70 - 125
trans-1,3-Dichloropropene	50.0	58.0		ug/L		116	62 - 128
Trichloroethene	50.0	51.7		ug/L		103	70 - 125
Trichlorofluoromethane	50.0	52.8		ug/L		106	55 - 128
Vinyl chloride	50.0	57.1		ug/L		114	64 - 126
Xylenes, Total	100	111		ug/L		111	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 120*
Toluene-d8 (Surr)	*100*		*75 - 120*

Lab Sample ID: 500-232280-8 MS
Matrix: Water
Analysis Batch: 708655

Client Sample ID: MW-5D3-202304
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.46		50.0	49.7		ug/L		99	70 - 125
1,1,1-Trichloroethane	<0.38		50.0	42.7		ug/L		85	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	59.1		ug/L		118	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	47.3		ug/L		95	70 - 123
1,1,2-Trichloroethane	<0.35		50.0	51.8		ug/L		104	71 - 130
1,1-Dichloroethane	<0.41		50.0	48.7		ug/L		97	70 - 125
1,1-Dichloroethene	0.45	J	50.0	48.3		ug/L		96	67 - 122
1,1-Dichloropropene	<0.30		50.0	48.5		ug/L		97	70 - 121
1,2,3-Trichlorobenzene	<0.46	^c	50.0	33.9		ug/L		68	51 - 145
1,2,3-Trichloropropane	<0.41		50.0	56.3		ug/L		113	50 - 133
1,2,4-Trichlorobenzene	<0.34	^c	50.0	34.3		ug/L		69	57 - 137
1,2,4-Trimethylbenzene	<0.36		50.0	51.0		ug/L		102	70 - 123
1,2-Dibromo-3-Chloropropane	<2.0		50.0	55.2		ug/L		110	56 - 123
1,2-Dibromoethane	<0.39		50.0	49.9		ug/L		100	70 - 125
1,2-Dichlorobenzene	<0.33		50.0	48.1		ug/L		96	70 - 125
1,2-Dichloroethane	<0.39		50.0	46.3		ug/L		93	68 - 127
1,2-Dichloropropane	<0.43		50.0	49.2		ug/L		98	67 - 130
1,3,5-Trimethylbenzene	<0.25		50.0	50.7		ug/L		101	70 - 123
1,3-Dichlorobenzene	<0.40		50.0	47.2		ug/L		94	70 - 125
1,3-Dichloropropane	<0.36		50.0	53.3		ug/L		107	62 - 136
1,4-Dichlorobenzene	<0.36		50.0	47.3		ug/L		95	70 - 120
2,2-Dichloropropane	<0.44		50.0	42.4		ug/L		85	58 - 139
2-Butanone (MEK)	<2.1		50.0	48.1		ug/L		96	46 - 144
2-Chlorotoluene	<0.31		50.0	52.4		ug/L		105	70 - 125
2-Hexanone	<1.6		50.0	43.7		ug/L		87	54 - 146
4-Chlorotoluene	<0.35		50.0	52.5		ug/L		105	68 - 124
4-Methyl-2-pentanone (MIBK)	<2.2		50.0	43.6		ug/L		87	55 - 139
Acetone	2.8	J B	50.0	45.8		ug/L		86	40 - 143
Benzene	<0.15		50.0	48.7		ug/L		97	70 - 120
Bromobenzene	<0.36		50.0	50.4		ug/L		101	70 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-232280-8 MS
Matrix: Water
Analysis Batch: 708655

Client Sample ID: MW-5D3-202304
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	<0.43		50.0	48.0		ug/L		96	65 - 122
Bromodichloromethane	<0.37		50.0	50.5		ug/L		101	69 - 120
Bromoform	<0.48		50.0	60.1		ug/L		120	56 - 132
Bromomethane	<0.80	^c *	50.0	61.6		ug/L		123	40 - 152
Carbon disulfide	<0.45		50.0	53.7		ug/L		107	66 - 120
Carbon tetrachloride	<0.38		50.0	47.4		ug/L		95	59 - 133
Chlorobenzene	<0.39		50.0	49.1		ug/L		98	70 - 120
Chloroethane	<0.51	^c	50.0	55.4		ug/L		111	48 - 136
Chloroform	<0.37		50.0	46.1		ug/L		92	70 - 120
Chloromethane	<0.32		50.0	46.3		ug/L		93	56 - 152
cis-1,2-Dichloroethene	<0.41		50.0	47.2		ug/L		94	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	48.2		ug/L		96	64 - 127
Dibromochloromethane	<0.49		50.0	56.9		ug/L		114	68 - 125
Dibromomethane	<0.27		50.0	50.7		ug/L		101	70 - 120
Dichlorodifluoromethane	<0.67		50.0	39.9		ug/L		80	40 - 159
Ethylbenzene	<0.18		50.0	47.7		ug/L		95	70 - 123
Hexachlorobutadiene	<0.45		50.0	37.6		ug/L		75	51 - 150
Isopropylbenzene	<0.39		50.0	50.6		ug/L		101	70 - 126
m&p-Xylene	<0.18		50.0	48.6		ug/L		97	70 - 125
Methyl tert-butyl ether	<0.39		50.0	41.0		ug/L		82	55 - 123
Methylene Chloride	<1.6		50.0	50.2		ug/L		100	69 - 125
Naphthalene	<0.34	^c	50.0	36.7		ug/L		73	53 - 144
n-Butylbenzene	<0.39		50.0	48.3		ug/L		97	68 - 125
n-Hexane	<0.49		50.0	44.6		ug/L		89	65 - 142
N-Propylbenzene	<0.41		50.0	53.0		ug/L		106	69 - 127
o-Xylene	<0.22		50.0	49.2		ug/L		98	70 - 120
p-Isopropyltoluene	<0.36		50.0	49.1		ug/L		98	70 - 125
sec-Butylbenzene	<0.40		50.0	51.0		ug/L		102	70 - 123
Styrene	<0.39		50.0	50.6		ug/L		101	70 - 120
tert-Butylbenzene	<0.40		50.0	50.2		ug/L		100	70 - 121
Tetrachloroethene	<0.37		50.0	43.9		ug/L		88	70 - 128
Tetrahydrofuran	<1.9	^c	100	80.2		ug/L		80	59 - 139
Toluene	<0.15		50.0	50.8		ug/L		102	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	47.7		ug/L		95	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	50.5		ug/L		101	62 - 128
Trichloroethene	<0.16		50.0	45.5		ug/L		91	70 - 125
Trichlorofluoromethane	<0.43		50.0	45.4		ug/L		91	55 - 128
Vinyl chloride	<0.20		50.0	49.0		ug/L		98	64 - 126
Xylenes, Total	<0.22		100	97.8		ug/L		98	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-232280-8 MSD
Matrix: Water
Analysis Batch: 708655

Client Sample ID: MW-5D3-202304
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.46		50.0	49.8		ug/L		100	70 - 125	0	20
1,1,1-Trichloroethane	<0.38		50.0	44.6		ug/L		89	70 - 125	4	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	62.9		ug/L		126	62 - 140	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	49.6		ug/L		99	70 - 123	5	20
1,1,2-Trichloroethane	<0.35		50.0	51.7		ug/L		103	71 - 130	0	20
1,1-Dichloroethane	<0.41		50.0	49.7		ug/L		99	70 - 125	2	20
1,1-Dichloroethene	0.45	J	50.0	49.4		ug/L		98	67 - 122	2	20
1,1-Dichloropropene	<0.30		50.0	48.8		ug/L		98	70 - 121	1	20
1,2,3-Trichlorobenzene	<0.46	^c	50.0	35.4		ug/L		71	51 - 145	4	20
1,2,3-Trichloropropane	<0.41		50.0	58.3		ug/L		117	50 - 133	3	20
1,2,4-Trichlorobenzene	<0.34	^c	50.0	36.1		ug/L		72	57 - 137	5	20
1,2,4-Trimethylbenzene	<0.36		50.0	52.8		ug/L		106	70 - 123	3	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	55.9		ug/L		112	56 - 123	1	20
1,2-Dibromoethane	<0.39		50.0	49.7		ug/L		99	70 - 125	0	20
1,2-Dichlorobenzene	<0.33		50.0	49.3		ug/L		99	70 - 125	2	20
1,2-Dichloroethane	<0.39		50.0	47.0		ug/L		94	68 - 127	2	20
1,2-Dichloropropane	<0.43		50.0	50.5		ug/L		101	67 - 130	3	20
1,3,5-Trimethylbenzene	<0.25		50.0	53.5		ug/L		107	70 - 123	5	20
1,3-Dichlorobenzene	<0.40		50.0	49.4		ug/L		99	70 - 125	5	20
1,3-Dichloropropane	<0.36		50.0	53.3		ug/L		107	62 - 136	0	20
1,4-Dichlorobenzene	<0.36		50.0	49.0		ug/L		98	70 - 120	4	20
2,2-Dichloropropane	<0.44		50.0	45.4		ug/L		91	58 - 139	7	20
2-Butanone (MEK)	<2.1		50.0	47.6		ug/L		95	46 - 144	1	20
2-Chlorotoluene	<0.31		50.0	56.0		ug/L		112	70 - 125	7	20
2-Hexanone	<1.6		50.0	44.4		ug/L		89	54 - 146	2	20
4-Chlorotoluene	<0.35		50.0	55.4		ug/L		111	68 - 124	5	20
4-Methyl-2-pentanone (MIBK)	<2.2		50.0	43.9		ug/L		88	55 - 139	1	20
Acetone	2.8	J B	50.0	44.1		ug/L		83	40 - 143	4	20
Benzene	<0.15		50.0	49.5		ug/L		99	70 - 120	2	20
Bromobenzene	<0.36		50.0	54.4		ug/L		109	70 - 122	8	20
Bromochloromethane	<0.43		50.0	48.4		ug/L		97	65 - 122	1	20
Bromodichloromethane	<0.37		50.0	51.1		ug/L		102	69 - 120	1	20
Bromoform	<0.48		50.0	60.9		ug/L		122	56 - 132	1	20
Bromomethane	<0.80	^c *	50.0	74.2		ug/L		148	40 - 152	19	20
Carbon disulfide	<0.45		50.0	55.9		ug/L		112	66 - 120	4	20
Carbon tetrachloride	<0.38		50.0	49.2		ug/L		98	59 - 133	4	20
Chlorobenzene	<0.39		50.0	49.6		ug/L		99	70 - 120	1	20
Chloroethane	<0.51	^c	50.0	57.4		ug/L		115	48 - 136	4	20
Chloroform	<0.37		50.0	46.4		ug/L		93	70 - 120	1	20
Chloromethane	<0.32		50.0	45.9		ug/L		92	56 - 152	1	20
cis-1,2-Dichloroethene	<0.41		50.0	49.2		ug/L		98	70 - 125	4	20
cis-1,3-Dichloropropene	<0.42		50.0	49.2		ug/L		98	64 - 127	2	20
Dibromochloromethane	<0.49		50.0	57.8		ug/L		116	68 - 125	1	20
Dibromomethane	<0.27		50.0	50.3		ug/L		101	70 - 120	1	20
Dichlorodifluoromethane	<0.67		50.0	41.2		ug/L		82	40 - 159	3	20
Ethylbenzene	<0.18		50.0	48.2		ug/L		96	70 - 123	1	20
Hexachlorobutadiene	<0.45		50.0	38.0		ug/L		76	51 - 150	1	20
Isopropylbenzene	<0.39		50.0	54.1		ug/L		108	70 - 126	7	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-232280-8 MSD
Matrix: Water
Analysis Batch: 708655

Client Sample ID: MW-5D3-202304
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m&p-Xylene	<0.18		50.0	48.9		ug/L		98	70 - 125	1	20
Methyl tert-butyl ether	<0.39		50.0	41.7		ug/L		83	55 - 123	2	20
Methylene Chloride	<1.6		50.0	50.9		ug/L		102	69 - 125	2	20
Naphthalene	<0.34	^c	50.0	37.9		ug/L		76	53 - 144	3	20
n-Butylbenzene	<0.39		50.0	48.8		ug/L		98	68 - 125	1	20
n-Hexane	<0.49		50.0	45.7		ug/L		91	65 - 142	2	20
N-Propylbenzene	<0.41		50.0	56.1		ug/L		112	69 - 127	6	20
o-Xylene	<0.22		50.0	49.1		ug/L		98	70 - 120	0	20
p-Isopropyltoluene	<0.36		50.0	50.4		ug/L		101	70 - 125	3	20
sec-Butylbenzene	<0.40		50.0	52.6		ug/L		105	70 - 123	3	20
Styrene	<0.39		50.0	50.8		ug/L		102	70 - 120	0	20
tert-Butylbenzene	<0.40		50.0	52.5		ug/L		105	70 - 121	4	20
Tetrachloroethene	<0.37		50.0	44.4		ug/L		89	70 - 128	1	20
Tetrahydrofuran	<1.9	^c	100	80.5		ug/L		80	59 - 139	0	20
Toluene	<0.15		50.0	51.7		ug/L		103	70 - 125	2	20
trans-1,2-Dichloroethene	<0.35		50.0	48.4		ug/L		97	70 - 125	1	20
trans-1,3-Dichloropropene	<0.36		50.0	51.2		ug/L		102	62 - 128	2	20
Trichloroethene	<0.16		50.0	46.5		ug/L		93	70 - 125	2	20
Trichlorofluoromethane	<0.43		50.0	46.9		ug/L		94	55 - 128	3	20
Vinyl chloride	<0.20		50.0	51.4		ug/L		103	64 - 126	5	20
Xylenes, Total	<0.22		100	98.1		ug/L		98	70 - 125	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*
4-Bromofluorobenzene (Surr)	*117*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

Lab Sample ID: MB 500-708663/27
Matrix: Water
Analysis Batch: 708663

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/20/23 03:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/20/23 03:10	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/20/23 03:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/20/23 03:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/20/23 03:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/20/23 03:10	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/20/23 03:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/20/23 03:10	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/20/23 03:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/20/23 03:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/20/23 03:10	1
1,2,4-Trimethylbenzene	0.763	J	1.0	0.36	ug/L			04/20/23 03:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/20/23 03:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/20/23 03:10	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/20/23 03:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-708663/27
Matrix: Water
Analysis Batch: 708663

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/20/23 03:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/20/23 03:10	1
1,3,5-Trimethylbenzene	0.795	J	1.0	0.25	ug/L			04/20/23 03:10	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/20/23 03:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/20/23 03:10	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/20/23 03:10	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/20/23 03:10	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/20/23 03:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/20/23 03:10	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/20/23 03:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/20/23 03:10	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/20/23 03:10	1
Acetone	<1.7		10	1.7	ug/L			04/20/23 03:10	1
Benzene	<0.15		0.50	0.15	ug/L			04/20/23 03:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/20/23 03:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/20/23 03:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/20/23 03:10	1
Bromoform	<0.48		1.0	0.48	ug/L			04/20/23 03:10	1
Bromomethane	<0.80		3.0	0.80	ug/L			04/20/23 03:10	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/20/23 03:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/20/23 03:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/20/23 03:10	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/20/23 03:10	1
Chloroform	<0.37		2.0	0.37	ug/L			04/20/23 03:10	1
Chloromethane	0.744	J	1.0	0.32	ug/L			04/20/23 03:10	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/20/23 03:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/20/23 03:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/20/23 03:10	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/20/23 03:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/20/23 03:10	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/20/23 03:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/20/23 03:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/20/23 03:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 03:10	1
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/20/23 03:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/20/23 03:10	1
Methylene Chloride	1.80	J	5.0	1.6	ug/L			04/20/23 03:10	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/20/23 03:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/20/23 03:10	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/20/23 03:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/20/23 03:10	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/20/23 03:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/20/23 03:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 03:10	1
Styrene	<0.39		1.0	0.39	ug/L			04/20/23 03:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/20/23 03:10	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/20/23 03:10	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/20/23 03:10	1
Toluene	<0.15		0.50	0.15	ug/L			04/20/23 03:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-708663/27
Matrix: Water
Analysis Batch: 708663

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/20/23 03:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/20/23 03:10	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/20/23 03:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/20/23 03:10	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/20/23 03:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/20/23 03:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*04/20/23 03:10*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*04/20/23 03:10*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*04/20/23 03:10*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*04/20/23 03:10*	*1*

Lab Sample ID: LCS 500-708663/5
Matrix: Water
Analysis Batch: 708663

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	40.0	38.5		ug/L		96	70 - 125
1,1,1-Trichloroethane	40.0	41.1		ug/L		103	70 - 125
1,1,2,2-Tetrachloroethane	40.0	40.0		ug/L		100	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	40.9		ug/L		102	70 - 123
1,1,2-Trichloroethane	40.0	42.0		ug/L		105	71 - 130
1,1-Dichloroethane	40.0	39.0		ug/L		97	70 - 125
1,1-Dichloroethene	40.0	42.3		ug/L		106	67 - 122
1,1-Dichloropropene	40.0	40.9		ug/L		102	70 - 121
1,2,3-Trichlorobenzene	40.0	39.1		ug/L		98	51 - 145
1,2,3-Trichloropropane	40.0	37.4		ug/L		93	50 - 133
1,2,4-Trichlorobenzene	40.0	40.3		ug/L		101	57 - 137
1,2,4-Trimethylbenzene	40.0	37.7		ug/L		94	70 - 123
1,2-Dibromo-3-Chloropropane	40.0	34.4		ug/L		86	56 - 123
1,2-Dibromoethane	40.0	44.0		ug/L		110	70 - 125
1,2-Dichlorobenzene	40.0	42.7		ug/L		107	70 - 125
1,2-Dichloroethane	40.0	38.9		ug/L		97	68 - 127
1,2-Dichloropropane	40.0	39.1		ug/L		98	67 - 130
1,3,5-Trimethylbenzene	40.0	37.8		ug/L		95	70 - 123
1,3-Dichlorobenzene	40.0	44.8		ug/L		112	70 - 125
1,3-Dichloropropane	40.0	39.9		ug/L		100	62 - 136
1,4-Dichlorobenzene	40.0	43.0		ug/L		107	70 - 120
2,2-Dichloropropane	40.0	41.0		ug/L		102	58 - 139
2-Butanone (MEK)	40.0	33.3		ug/L		83	46 - 144
2-Chlorotoluene	40.0	45.2		ug/L		113	70 - 125
2-Hexanone	40.0	27.9		ug/L		70	54 - 146
4-Chlorotoluene	40.0	44.7		ug/L		112	68 - 124
4-Methyl-2-pentanone (MIBK)	40.0	28.7		ug/L		72	55 - 139
Acetone	40.0	32.3		ug/L		81	40 - 143
Benzene	40.0	41.7		ug/L		104	70 - 120
Bromobenzene	40.0	47.7		ug/L		119	70 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-708663/5
Matrix: Water
Analysis Batch: 708663

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	40.0	42.8		ug/L		107	65 - 122
Bromodichloromethane	40.0	39.7		ug/L		99	69 - 120
Bromoform	40.0	36.3		ug/L		91	56 - 132
Bromomethane	40.0	26.3		ug/L		66	40 - 152
Carbon disulfide	40.0	40.5		ug/L		101	66 - 120
Carbon tetrachloride	40.0	36.7		ug/L		92	59 - 133
Chlorobenzene	40.0	41.5		ug/L		104	70 - 120
Chloroethane	40.0	37.7		ug/L		94	48 - 136
Chloroform	40.0	35.7		ug/L		89	70 - 120
Chloromethane	40.0	45.2		ug/L		113	56 - 152
cis-1,2-Dichloroethene	40.0	42.0		ug/L		105	70 - 125
cis-1,3-Dichloropropene	40.0	39.7		ug/L		99	64 - 127
Dibromochloromethane	40.0	39.5		ug/L		99	68 - 125
Dibromomethane	40.0	39.2		ug/L		98	70 - 120
Dichlorodifluoromethane	40.0	40.3		ug/L		101	40 - 159
Ethylbenzene	40.0	43.6		ug/L		109	70 - 123
Hexachlorobutadiene	40.0	40.3		ug/L		101	51 - 150
Isopropylbenzene	40.0	47.5		ug/L		119	70 - 126
m&p-Xylene	40.0	43.9		ug/L		110	70 - 125
Methyl tert-butyl ether	40.0	38.1		ug/L		95	55 - 123
Methylene Chloride	40.0	41.5		ug/L		104	69 - 125
Naphthalene	40.0	37.3		ug/L		93	53 - 144
n-Butylbenzene	40.0	40.8		ug/L		102	68 - 125
n-Hexane	40.0	39.3		ug/L		98	65 - 142
N-Propylbenzene	40.0	46.0		ug/L		115	69 - 127
o-Xylene	40.0	43.2		ug/L		108	70 - 120
p-Isopropyltoluene	40.0	37.9		ug/L		95	70 - 125
sec-Butylbenzene	40.0	44.1		ug/L		110	70 - 123
Styrene	40.0	36.6		ug/L		92	70 - 120
tert-Butylbenzene	40.0	46.5		ug/L		116	70 - 121
Tetrachloroethene	40.0	44.5		ug/L		111	70 - 128
Tetrahydrofuran	80.0	63.1		ug/L		79	59 - 139
Toluene	40.0	43.0		ug/L		108	70 - 125
trans-1,2-Dichloroethene	40.0	41.7		ug/L		104	70 - 125
trans-1,3-Dichloropropene	40.0	38.6		ug/L		97	62 - 128
Trichloroethene	40.0	45.6		ug/L		114	70 - 125
Trichlorofluoromethane	40.0	36.7		ug/L		92	55 - 128
Vinyl chloride	40.0	41.4		ug/L		104	64 - 126
Xylenes, Total	80.0	87.1		ug/L		109	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-709418/6
Matrix: Water
Analysis Batch: 709418

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			04/24/23 23:17	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			04/24/23 23:17	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			04/24/23 23:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			04/24/23 23:17	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			04/24/23 23:17	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			04/24/23 23:17	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			04/24/23 23:17	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			04/24/23 23:17	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			04/24/23 23:17	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			04/24/23 23:17	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			04/24/23 23:17	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			04/24/23 23:17	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			04/24/23 23:17	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			04/24/23 23:17	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			04/24/23 23:17	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			04/24/23 23:17	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			04/24/23 23:17	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			04/24/23 23:17	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			04/24/23 23:17	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			04/24/23 23:17	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			04/24/23 23:17	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			04/24/23 23:17	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			04/24/23 23:17	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			04/24/23 23:17	1
2-Hexanone	<1.6		5.0	1.6	ug/L			04/24/23 23:17	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			04/24/23 23:17	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			04/24/23 23:17	1
Acetone	<1.7		10	1.7	ug/L			04/24/23 23:17	1
Benzene	<0.15		0.50	0.15	ug/L			04/24/23 23:17	1
Bromobenzene	<0.36		1.0	0.36	ug/L			04/24/23 23:17	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			04/24/23 23:17	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			04/24/23 23:17	1
Bromoform	<0.48		1.0	0.48	ug/L			04/24/23 23:17	1
Bromomethane	<0.80		3.0	0.80	ug/L			04/24/23 23:17	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			04/24/23 23:17	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			04/24/23 23:17	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			04/24/23 23:17	1
Chloroethane	<0.51		1.0	0.51	ug/L			04/24/23 23:17	1
Chloroform	<0.37		2.0	0.37	ug/L			04/24/23 23:17	1
Chloromethane	<0.32		1.0	0.32	ug/L			04/24/23 23:17	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			04/24/23 23:17	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			04/24/23 23:17	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			04/24/23 23:17	1
Dibromomethane	<0.27		1.0	0.27	ug/L			04/24/23 23:17	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			04/24/23 23:17	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			04/24/23 23:17	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			04/24/23 23:17	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			04/24/23 23:17	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-709418/6
Matrix: Water
Analysis Batch: 709418

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.39		1.0	0.39	ug/L			04/24/23 23:17	1
m&p-Xylene	<0.18		1.0	0.18	ug/L			04/24/23 23:17	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			04/24/23 23:17	1
Methylene Chloride	2.11	J	5.0	1.6	ug/L			04/24/23 23:17	1
Naphthalene	<0.34		1.0	0.34	ug/L			04/24/23 23:17	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			04/24/23 23:17	1
n-Hexane	<0.49		1.0	0.49	ug/L			04/24/23 23:17	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			04/24/23 23:17	1
o-Xylene	<0.22		0.50	0.22	ug/L			04/24/23 23:17	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			04/24/23 23:17	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			04/24/23 23:17	1
Styrene	<0.39		1.0	0.39	ug/L			04/24/23 23:17	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			04/24/23 23:17	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/24/23 23:17	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			04/24/23 23:17	1
Toluene	<0.15		0.50	0.15	ug/L			04/24/23 23:17	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			04/24/23 23:17	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			04/24/23 23:17	1
Trichloroethene	<0.16		0.50	0.16	ug/L			04/24/23 23:17	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			04/24/23 23:17	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			04/24/23 23:17	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			04/24/23 23:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 126*		*04/24/23 23:17*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*04/24/23 23:17*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*04/24/23 23:17*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*04/24/23 23:17*	*1*

Lab Sample ID: LCS 500-709418/4
Matrix: Water
Analysis Batch: 709418

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	51.5		ug/L		103	70 - 125
1,1,1-Trichloroethane	50.0	55.5		ug/L		111	70 - 125
1,1,2,2-Tetrachloroethane	50.0	47.2		ug/L		94	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	55.6		ug/L		111	70 - 123
1,1,2-Trichloroethane	50.0	47.8		ug/L		96	71 - 130
1,1-Dichloroethane	50.0	56.2		ug/L		112	70 - 125
1,1-Dichloroethene	50.0	52.2		ug/L		104	67 - 122
1,1-Dichloropropene	50.0	53.0		ug/L		106	70 - 121
1,2,3-Trichlorobenzene	50.0	51.5		ug/L		103	51 - 145
1,2,3-Trichloropropane	50.0	50.5		ug/L		101	50 - 133
1,2,4-Trichlorobenzene	50.0	54.4		ug/L		109	57 - 137
1,2,4-Trimethylbenzene	50.0	51.4		ug/L		103	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	43.8		ug/L		88	56 - 123
1,2-Dibromoethane	50.0	52.0		ug/L		104	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-709418/4
Matrix: Water
Analysis Batch: 709418

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 125
1,2-Dichloroethane	50.0	57.0		ug/L		114	68 - 127
1,2-Dichloropropane	50.0	53.8		ug/L		108	67 - 130
1,3,5-Trimethylbenzene	50.0	51.3		ug/L		103	70 - 123
1,3-Dichlorobenzene	50.0	52.5		ug/L		105	70 - 125
1,3-Dichloropropane	50.0	50.9		ug/L		102	62 - 136
1,4-Dichlorobenzene	50.0	51.7		ug/L		103	70 - 120
2,2-Dichloropropane	50.0	59.8		ug/L		120	58 - 139
2-Butanone (MEK)	50.0	46.7		ug/L		93	46 - 144
2-Chlorotoluene	50.0	50.9		ug/L		102	70 - 125
2-Hexanone	50.0	44.7		ug/L		89	54 - 146
4-Chlorotoluene	50.0	51.1		ug/L		102	68 - 124
4-Methyl-2-pentanone (MIBK)	50.0	43.1		ug/L		86	55 - 139
Acetone	50.0	58.9		ug/L		118	40 - 143
Benzene	50.0	51.7		ug/L		103	70 - 120
Bromobenzene	50.0	53.7		ug/L		107	70 - 122
Bromochloromethane	50.0	49.3		ug/L		99	65 - 122
Bromodichloromethane	50.0	50.3		ug/L		101	69 - 120
Bromoform	50.0	54.3		ug/L		109	56 - 132
Bromomethane	50.0	58.6		ug/L		117	40 - 152
Carbon disulfide	50.0	52.0		ug/L		104	66 - 120
Carbon tetrachloride	50.0	55.7		ug/L		111	59 - 133
Chlorobenzene	50.0	50.6		ug/L		101	70 - 120
Chloroethane	50.0	58.9		ug/L		118	48 - 136
Chloroform	50.0	50.4		ug/L		101	70 - 120
Chloromethane	50.0	59.5		ug/L		119	56 - 152
cis-1,2-Dichloroethene	50.0	51.9		ug/L		104	70 - 125
cis-1,3-Dichloropropene	50.0	49.2		ug/L		98	64 - 127
Dibromochloromethane	50.0	46.4		ug/L		93	68 - 125
Dibromomethane	50.0	50.1		ug/L		100	70 - 120
Dichlorodifluoromethane	50.0	58.1		ug/L		116	40 - 159
Ethylbenzene	50.0	49.6		ug/L		99	70 - 123
Hexachlorobutadiene	50.0	64.9		ug/L		130	51 - 150
Isopropylbenzene	50.0	50.0		ug/L		100	70 - 126
m&p-Xylene	50.0	52.8		ug/L		106	70 - 125
Methyl tert-butyl ether	50.0	53.5		ug/L		107	55 - 123
Methylene Chloride	50.0	53.6		ug/L		107	69 - 125
Naphthalene	50.0	40.3		ug/L		81	53 - 144
n-Butylbenzene	50.0	50.2		ug/L		100	68 - 125
n-Hexane	50.0	51.7		ug/L		103	65 - 142
N-Propylbenzene	50.0	49.9		ug/L		100	69 - 127
o-Xylene	50.0	51.1		ug/L		102	70 - 120
p-Isopropyltoluene	50.0	49.4		ug/L		99	70 - 125
sec-Butylbenzene	50.0	50.2		ug/L		100	70 - 123
Styrene	50.0	52.1		ug/L		104	70 - 120
tert-Butylbenzene	50.0	48.7		ug/L		97	70 - 121
Tetrachloroethene	50.0	55.0		ug/L		110	70 - 128
Tetrahydrofuran	100	98.2		ug/L		98	59 - 139
Toluene	50.0	47.5		ug/L		95	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-709418/4
Matrix: Water
Analysis Batch: 709418

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	50.0	53.7		ug/L		107	70 - 125
trans-1,3-Dichloropropene	50.0	50.3		ug/L		101	62 - 128
Trichloroethene	50.0	49.9		ug/L		100	70 - 125
Trichlorofluoromethane	50.0	48.9		ug/L		98	55 - 128
Vinyl chloride	50.0	64.3	*	ug/L		129	64 - 126
Xylenes, Total	100	104		ug/L		104	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*
Dibromofluoromethane (Surr)	*104*		*75 - 120*
Toluene-d8 (Surr)	*100*		*75 - 120*

Lab Sample ID: MB 500-709740/7
Matrix: Water
Analysis Batch: 709740

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.37		1.0	0.37	ug/L			04/26/23 10:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*04/26/23 10:17*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*04/26/23 10:17*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 120*		*04/26/23 10:17*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*04/26/23 10:17*	*1*

Lab Sample ID: LCS 500-709740/8
Matrix: Water
Analysis Batch: 709740

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	50.0	62.2		ug/L		124	70 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
Toluene-d8 (Surr)	*96*		*75 - 120*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 180-432697/1-A
Matrix: Water
Analysis Batch: 432711

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432697

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0048		0.010	0.0048	ug/L		04/19/23 00:25	04/19/23 16:37	1
PCB-1221	<0.0057		0.010	0.0057	ug/L		04/19/23 00:25	04/19/23 16:37	1

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: MB 180-432697/1-A
Matrix: Water
Analysis Batch: 432711

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432697

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<0.0052		0.010	0.0052	ug/L		04/19/23 00:25	04/19/23 16:37	1
PCB-1242	<0.0036		0.010	0.0036	ug/L		04/19/23 00:25	04/19/23 16:37	1
PCB-1248	<0.0080		0.010	0.0080	ug/L		04/19/23 00:25	04/19/23 16:37	1
PCB-1254	<0.0046		0.010	0.0046	ug/L		04/19/23 00:25	04/19/23 16:37	1
PCB-1260	<0.0039		0.010	0.0039	ug/L		04/19/23 00:25	04/19/23 16:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*128*		*48 - 129*	*04/19/23 00:25*	*04/19/23 16:37*	*1*
Tetrachloro-m-xylene (Surr)	*115*		*36 - 117*	*04/19/23 00:25*	*04/19/23 16:37*	*1*

Lab Sample ID: LCS 180-432697/4-A
Matrix: Water
Analysis Batch: 432711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432697

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	0.973		ug/L		97	36 - 113		
PCB-1260			1.00	1.03		ug/L		103	33 - 116		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*124*		*48 - 129*
Tetrachloro-m-xylene (Surr)	*105*		*36 - 117*

Lab Sample ID: LCSD 180-432697/5-A
Matrix: Water
Analysis Batch: 432711

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 432697

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	1.01		ug/L		101	36 - 113	3	35
PCB-1260			1.00	1.06		ug/L		106	33 - 116	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*129*		*48 - 129*
Tetrachloro-m-xylene (Surr)	*113*		*36 - 117*

Lab Sample ID: 500-232280-5 MS
Matrix: Water
Analysis Batch: 432711

Client Sample ID: MW-5S-202304
Prep Type: Total/NA
Prep Batch: 432697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	<0.0047		0.990	0.810		ug/L		82	36 - 113		
PCB-1260	<0.0039		0.990	0.691		ug/L		70	33 - 116		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*94*		*48 - 129*
Tetrachloro-m-xylene (Surr)	*103*		*36 - 117*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: 500-232280-5 MSD — **Client Sample ID: MW-5S-202304**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 432711 — **Prep Batch: 432697**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	<0.0047		0.990	0.816		ug/L		82	36 - 113	1	35
PCB-1260	<0.0039		0.990	0.729		ug/L		74	33 - 116	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*108*		*48 - 129*
Tetrachloro-m-xylene (Surr)	*99*		*36 - 117*

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

Lab Sample ID: MB 500-708422/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 708422

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<4.3		10.0	4.3	mg/L			04/19/23 06:18	1

Lab Sample ID: LCS 500-708422/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 708422

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	240.0		mg/L		96	80 - 120

Lab Sample ID: MB 500-708732/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 708732

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<4.3		10.0	4.3	mg/L			04/20/23 08:20	1

Lab Sample ID: LCS 500-708732/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 708732

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	236.0		mg/L		94	80 - 120

Lab Sample ID: 500-232280-5 MS — **Client Sample ID: MW-5S-202304**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 708732

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	734		250	986.0		mg/L		101	75 - 125

Lab Sample ID: 500-232280-5 MSD — **Client Sample ID: MW-5S-202304**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 708732

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	734		250	1010		mg/L		110	75 - 125	2	20

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

Lab Sample ID: 500-232280-16 DU
Matrix: Water
Analysis Batch: 708732

Client Sample ID: FB-01-202304
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	32.0		32.00		mg/L		0	5

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 500-708103/1
Matrix: Water
Analysis Batch: 708103

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<1.9		5.0	1.9	mg/L			04/17/23 12:18	1

Lab Sample ID: LCS 500-708103/2
Matrix: Water
Analysis Batch: 708103

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	200	179.4		mg/L		90	80 - 120

Lab Sample ID: MB 500-708306/1
Matrix: Water
Analysis Batch: 708306

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<1.9		5.0	1.9	mg/L			04/18/23 11:15	1

Lab Sample ID: LCS 500-708306/2
Matrix: Water
Analysis Batch: 708306

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	200	183.4		mg/L		92	80 - 120

Lab Sample ID: 500-232280-5 MS
Matrix: Water
Analysis Batch: 708306

Client Sample ID: MW-5S-202304
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	<1.9		100	84.20		mg/L		84	75 - 125

Lab Sample ID: 500-232280-5 MSD
Matrix: Water
Analysis Batch: 708306

Client Sample ID: MW-5S-202304
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Suspended Solids	<1.9		100	92.80		mg/L		93	75 - 125	10	20

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MW-2D-202304
Lab Sample ID: 500-232280-1
Date Collected: 04/13/23 15:07
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708655	EA	EET CHI	04/20/23 06:44

Client Sample ID: MW-3D-202304
Lab Sample ID: 500-232280-2
Date Collected: 04/12/23 15:01
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708655	EA	EET CHI	04/20/23 07:09
Total/NA	Analysis	8260D	DL	10	709740	PMF	EET CHI	04/26/23 11:07
Total/NA	Prep	3510C			432697	CBY	EET PIT	04/19/23 00:25
Total/NA	Analysis	EPA 8082A		1	432711	JMO	EET PIT	04/19/23 17:53
Total/NA	Analysis	SM 2540C		1	708422	CLB	EET CHI	04/19/23 06:54
Total/NA	Analysis	SM 2540D		1	708103	MB	EET CHI	04/17/23 13:05 - 04/17/23 13:07 [1]

Client Sample ID: MW-3D2-202304
Lab Sample ID: 500-232280-3
Date Collected: 04/12/23 15:53
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708655	EA	EET CHI	04/20/23 07:33

Client Sample ID: MW-4D2-202304
Lab Sample ID: 500-232280-4
Date Collected: 04/12/23 11:20
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708655	EA	EET CHI	04/20/23 07:56

Client Sample ID: MW-5S-202304
Lab Sample ID: 500-232280-5
Date Collected: 04/13/23 09:54
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			432697	CBY	EET PIT	04/19/23 00:25
Total/NA	Analysis	EPA 8082A		1	432711	JMO	EET PIT	04/19/23 18:31
Total/NA	Analysis	SM 2540C		1	708732	CLB	EET CHI	04/20/23 09:09
Total/NA	Analysis	SM 2540D		1	708306	MB	EET CHI	04/18/23 12:34 - 04/18/23 12:40 [1]

Client Sample ID: MW-5D-202304
Lab Sample ID: 500-232280-6
Date Collected: 04/13/23 11:12
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708655	EA	EET CHI	04/20/23 08:21
Total/NA	Analysis	8260D	DL	10	708655	EA	EET CHI	04/20/23 08:44

Client Sample ID: MW-5D2-202304
Lab Sample ID: 500-232280-7
Date Collected: 04/13/23 12:50
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	708655	EA	EET CHI	04/20/23 09:08
Total/NA	Analysis	8260D	DL	100	708655	EA	EET CHI	04/20/23 09:32

Client Sample ID: MW-5D3-202304
Lab Sample ID: 500-232280-8
Date Collected: 04/13/23 09:36
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708655	EA	EET CHI	04/20/23 09:56

Client Sample ID: MW-6D-202304
Lab Sample ID: 500-232280-9
Date Collected: 04/13/23 15:57
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	708663	AJP	EET CHI	04/20/23 03:36

Client Sample ID: MW-9D2-202304
Lab Sample ID: 500-232280-10
Date Collected: 04/11/23 14:52
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	10	709418	PMF	EET CHI	04/24/23 23:46
Total/NA	Analysis	8260D		1	708663	AJP	EET CHI	04/20/23 04:28

Client Sample ID: MW-17-202304
Lab Sample ID: 500-232280-11
Date Collected: 04/13/23 15:02
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708663	AJP	EET CHI	04/20/23 04:54
Total/NA	Analysis	8260D	DL	10	708663	AJP	EET CHI	04/20/23 05:20

Client Sample ID: MW-25D2-202304
Lab Sample ID: 500-232280-12
Date Collected: 04/11/23 11:03
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708663	AJP	EET CHI	04/20/23 05:47

Client Sample ID: MW-27D-202304
Lab Sample ID: 500-232280-13
Date Collected: 04/11/23 13:33
Matrix: Water
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708663	AJP	EET CHI	04/20/23 06:13

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: DUP-01-202304

Lab Sample ID: 500-232280-14
Matrix: Water
Date Collected: 04/12/23 00:00
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708663	AJP	EET CHI	04/20/23 06:39
Total/NA	Analysis	8260D	DL	10	708663	AJP	EET CHI	04/20/23 07:05
Total/NA	Prep	3510C			432697	CBY	EET PIT	04/19/23 00:25
Total/NA	Analysis	EPA 8082A		1	432711	JMO	EET PIT	04/19/23 18:12
Total/NA	Analysis	SM 2540C		1	708422	CLB	EET CHI	04/19/23 06:56
Total/NA	Analysis	SM 2540D		1	708103	MB	EET CHI	04/17/23 13:07 - 04/17/23 13:10 [1]

Client Sample ID: DUP-02-202304

Lab Sample ID: 500-232280-15
Matrix: Water
Date Collected: 04/13/23 00:00
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	708663	AJP	EET CHI	04/20/23 07:31

Client Sample ID: FB-01-202304

Lab Sample ID: 500-232280-16
Matrix: Water
Date Collected: 04/13/23 16:20
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708655	EA	EET CHI	04/20/23 02:19
Total/NA	Prep	3510C			432697	CBY	EET PIT	04/19/23 00:25
Total/NA	Analysis	EPA 8082A		1	432711	JMO	EET PIT	04/19/23 19:27
Total/NA	Analysis	SM 2540C		1	708732	CLB	EET CHI	04/20/23 09:16
Total/NA	Analysis	SM 2540D		1	708306	MB	EET CHI	04/18/23 12:54 - 04/18/23 13:00 [1]

Client Sample ID: Trip Blank

Lab Sample ID: 500-232280-17
Matrix: Water
Date Collected: 04/11/23 00:00
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708655	EA	EET CHI	04/20/23 01:31

Client Sample ID: MP-14 (135-140)-202304

Lab Sample ID: 500-232280-18
Matrix: Water
Date Collected: 04/10/23 15:30
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708655	EA	EET CHI	04/20/23 02:43

Client Sample ID: MP-16 (140-144)-202304

Lab Sample ID: 500-232280-19
Matrix: Water
Date Collected: 04/10/23 14:30
Date Received: 04/14/23 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	708655	EA	EET CHI	04/20/23 03:07

Lab Chronicle

Client: TRC Environmental Corporation
Job ID: 500-232280-1
Project/Site: MadisonKipp Groundwater

[1] Completion dates and times are reported or not reported per method requirements or individual lab discretion.

Laboratory References:

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

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 500-232280-1
Project/Site: MadisonKipp Groundwater

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

Laboratory: Eurofins Pittsburgh

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998027800	08-31-23

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

Chain of Custody Record

eurofins

Client Information	Sampler: Wesley Bragen	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-111632-46358 1
Client Contact: ~~Ben Wachholz~~ Wesley Bragen	Phone: 608-234-7324	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin:	Page: Page 1 of 3
Company: TRC Environmental Corporation	PWSID:	Analysis Requested		Job #: 500-232280

Address: 999 Fourier Drive Suite 101	Due Date Requested	
City: Madison	TAT Requested (days):	
State, Zip: WI, 53717	Compliance Project: Δ Yes Δ No	
Phone:	PO #: 197252	
Email: ~~BWachholz~~ WBragen@trccompanies.com	WO #:	
Project Name: MadisonKipp Groundwater	Project #: 50021412	
Site	SSOW#:	

500-232280 COC

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Y	Trizma
		Z	other (specify)

Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOC	2540C, 2540D	8082A_LL - PCB	Total Number of containers	Special Instructions/Note
				Preservation Code				A	N	N		
1	MW-2D-202304	4/13/23	1507		Water			X			3	
2	MW-3D-202304	4/12/23	1501		Water			X	X	X	6	
3	MW-3D2-202304	4/12/23	1553		Water			X			3	
4	MW-4D2-202304	4/12/23	1120		Water			X	X		3	
5	MW-5S-202304	4/13/23	954		Water	Y	~~N~~	X	X	X	6	
6	MW-5D-202304	4/13/23	1112		Water			X			3	
7	MW-5D2-202304	4/13/23	1250		Water			X			3	
8	MW-5D3-202304	4/13/23	936		Water	Y		X			9	
9	MW-6D-202304	4/13/23	1557		Water			X			3	
10	MW-9D2-202304	4/11/23	1452		Water			X			3	
11	MW-17-202304	4/13/23	1502		Water			X			3	

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

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

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
WM	4/13/23 1730	TRC	Stephanie Hernandez	4/14/23 1010	EETA
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
		5.8+5.7, 2.1+2.0

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

Chain of Custody Record

eurofins

Client Information	Sampler: Wesley Brazen	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-111632-46358 2
Client Contact: Ben Wachholz Wesley Braga	Phone: 608-234-7374	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin:	Page: Page 2 of 3
Company: TRC Environmental Corporation	PWSID:	Analysis Requested		Job #: 500-232280
Address: 999 Fourier Drive, Suite 101	Due Date Requested:			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L - EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
City: Madison	TAT Requested (days):			
State, Zip: WI 53717	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 197252			
Email: wbraga BWachholz@trccompanies.com	WO #:			
Project Name: MadisonKipp Groundwater	Project #: 50021412			
Site:	SSOW#:			Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOC	2540C, 2540D	8082A_LL - PCB	Total Number of containers	Special Instructions/Note
				Preservation Code:				A	N	N		
12	MW-25D2-202304	4/11/23	1107	G	Water			X			3	
13	MW-27D-202304	4/11/23	1333	G	Water			X			3	
14	DUP-01-202304	4/12/23	—	G	Water			X	X	X	6	
15	DUP-02-202304	4/13/23	—	G	Water			X			3	
16	FB-01-202304	4/13/23	1620	G	Water			X	X	X	6	
17	Trip Blank	—	—	—	Water			X			2	
18	MP-14(135-140)-202304	4/10/23	1530	G	Water			X			3	
19	MP-16(140-144)-202304	4/10/23	1438	G	Water			X			3	
					Water							
					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:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	4/13/23 1730	TRC	Stephanie Hernandez	4/14/23 1010	EEA
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

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


ORIGIN ID:RRLA (608) 826-3663
BEN WACHHOLZ
TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
UNITED STATES US

SHIP DATE: 31MAR23
ACTWGT: 25.00 LB MAN
CAD: 0269688/CAFE3621

TO SAMPLE RECIEPT
EUROFINS CHICAGO
2417 BOND STREET

UNIVERSITY PARK IL 60484
(708) 534-6200 REF
INV:
PO: DEPT

RMA

FedEx Express

FedEx
TRK# 0221 6374 2028 4120

FRI - 14 APR 10:30A
PRIORITY OVERNIGHT

XN JOTA

60484
IL-US ORD

48Qt


ORIGIN ID:RRLA (608) 826-3663
BEN WACHHOLZ
TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
UNITED STATES US

SHIP DATE: 31MAR23
ACTWGT: 25.00 LB MAN
CAD: 0269688/CAFE3621

TO SAMPLE RECIEPT
EUROFINS CHICAGO
2417 BOND STREET

UNIVERSITY PARK IL 60484
(708) 534-6200 REF
INV:
PO: DEPT

RMA

FedEx Express

FedEx
TRK# 0221 6374 2028 4119

FRI - 14 APR 10:30A
PRIORITY OVERNIGHT

500-232280 Waybi

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

Post

Chain of Custody Record

500-232280 Chain of Custody

Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fredrick, Sandie	.1
Client Contact: Shipping/Receiving	Phone	E-Mail: Sandra.Fredrick@et.eurofinsus.com	Wisconsin
Company: Eurofins Environment Testing Northeast,		Accreditations Required (See note). State - Wisconsin; State Program - Wisconsin	Job #: 500-232280-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 4/27/2023		
City: Pittsburgh	TAT Requested (days):		
State, Zip: PA, 15238			
Phone: 412-963-7058(Tel) 412-963-2468(Fax)	PO #:		
Email:	WO #:		
Project Name: MadisonKipp Groundwater	Project #: 50021412		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL/3510C_LL PCB	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-3D-202304 (500-232280-2)	4/12/23	15:01 Central		Water			X		(1)
MW-5S-202304 (500-232280-5)	4/13/23	09:54 Central		Water			X		
MW-5S-202304 (500-232280-5MS)	4/13/23	09:54 Central	MS	Water			X		
MW-5S-202304 (500-232280-5MSD)	4/13/23	09:54 Central	MSD	Water			X		
DUP-01-202304 (500-232280-14)	4/12/23	Central		Water			X		(1)
FB-01-202304 (500-232280-16)	4/13/23	16:20 Central		Water			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/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

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

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by: Rhi Scott	Date/Time: 4/17/23 0900	Company	Received by: DW	Date/Time: 4-19-23 9:10	Company FedEx	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

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

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-232280-1

Login Number: 232280
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.7,2.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-232280-1

Login Number: 232280
List Number: 2
Creator: Watson, Debbie

List Source: Eurofins Pittsburgh
List Creation: 04/18/23 03:08 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Stehn
TRC Environmental Corporation
999 Fourier Drive, Suite 101
Madison, Wisconsin 53717

Generated 10/25/2023 11:49:48 AM

JOB DESCRIPTION

MKC Semi-Annual Sampling

JOB NUMBER

500-241079-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

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
10/25/2023 11:49:48 AM

Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

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Job ID: 500-241079-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-241079-1

Receipt
The samples were received on 10/14/2023 11:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.4º C.

Receipt Exceptions
The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): Sample 22- COC list sample time as 1631 however container labels list 1643 - logged per COC. Sample 29-COC list sample time as 1104 however container labels list 1204. Logged per container.

The following sample(s) was listed on the Chain of Custody (COC); however, no sample(s) was received: Sample 36 on COC "trip blank". Crossed off sample number on COC.

GC/MS VOA
Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-737844 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 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 500-738027 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260D: The method blank for analytical batch 500-738027 contained n-Hexane and Methylene Chloride above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MP-13 (163-167)-202310 (500-241079-1), MP-13 (135-139)-202310 (500-241079-2), MP-13 (121-125)-202310 (500-241079-3), MP-13 (102-106)-202310 (500-241079-4), MP-13 (081-085)-202310 (500-241079-5), MP-14 (170-178)-202310 (500-241079-8), MP-15 (142-146)-202310 (500-241079-12), MP-15 (120-125)-202310 (500-241079-13), MP-15 (100-105)-202310 (500-241079-14), MP-15 (088-092)-202310 (500-241079-15), MW-5D-202310 (500-241079-20), MW-5D2-202310 (500-241079-21), MW-6D-202310 (500-241079-24), MW-9D2-202310 (500-241079-27), MW-17-202310 (500-241079-28) and DUP-01-202310 (500-241079-33). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with the following had compounds outside 20% drift for method 8260D. Where applicable, a standard was analyzed at the reporting limit (CCVL) and analyses were able to continue, as low failing compounds were detected. Any detects for these out of control compounds should be considered estimates.MP-13 (163-167)-202310 (500-241079-1), MP-13 (135-139)-202310 (500-241079-2), MP-13 (121-125)-202310 (500-241079-3), MP-13 (102-106)-202310 (500-241079-4), MP-13 (081-085)-202310 (500-241079-5), MP-13 (067-071)-202310 (500-241079-6), MP-13 (044-048)-202310 (500-241079-7), MP-14 (170-178)-202310 (500-241079-8), MP-14 (135-140)-202310 (500-241079-9), MP-14 (100-105)-202310 (500-241079-10), MP-15 (177-187)-202310 (500-241079-11), MP-15 (142-146)-202310 (500-241079-12), MP-15 (120-125)-202310 (500-241079-13), MP-15 (100-105)-202310 (500-241079-14), MW-9D2-202310 (500-241079-27), MW-17-202310 (500-241079-28), MW-25D-202310 (500-241079-29), MW-25D2-202310 (500-241079-30), MW-27D-202310 (500-241079-31), MW-27D2-202310 (500-241079-32), DUP-01-202310 (500-241079-33), DUP-02-202310 (500-241079-34) and DUP-03-202310 (500-241079-35)

Method 8260D: Acetone/ Methylene chloride were detected in the following samples: MP-13 (163-167)-202310 (500-241079-1), MP-13 (121-125)-202310 (500-241079-3), MP-13 (102-106)-202310 (500-241079-4), MP-13 (081-085)-202310 (500-241079-5), MP-13 (067-071)-202310 (500-241079-6), MP-13 (044-048)-202310 (500-241079-7), MW-9D2-202310 (500-241079-27), MW-17-202310 (500-241079-28), MW-25D-202310 (500-241079-29), MW-25D2-202310 (500-241079-30), MW-27D-202310 (500-241079-31), MW-27D2-202310 (500-241079-32), DUP-01-202310 (500-241079-33), DUP-02-202310 (500-241079-34) and DUP-03-202310 (500-241079-35). Methylene chloride and Acetone are known lab contaminants; therefore all low level detects for this compound could be suspected as lab contamination.

Job ID: 500-241079-1 (Continued)

Laboratory: Eurofins Chicago (Continued)

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

GC Semi VOA
Methods 8082A, 8082A LL: Surrogate recovery for the following sample was outside control limits: MW-5S-202310 (500-241079-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 180-449480.

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-13 (163-167)-202310 — Lab Sample ID: 500-241079-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	17	^c	10	1.7	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	29		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	21		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	210		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MP-13 (135-139)-202310 — Lab Sample ID: 500-241079-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	110		5.0	2.0	ug/L	5		8260D	Total/NA
trans-1,2-Dichloroethene	1.8	J	5.0	1.7	ug/L	5		8260D	Total/NA
Trichloroethene	200		2.5	0.82	ug/L	5		8260D	Total/NA
Tetrachloroethene - DL	2900		50	19	ug/L	50		8260D	Total/NA

Client Sample ID: MP-13 (121-125)-202310 — Lab Sample ID: 500-241079-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J ^c	10	1.7	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	26		1.0	0.41	ug/L	1		8260D	Total/NA
Diisopropyl ether	0.69	J	1.0	0.28	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.54	J	1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	35		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	480		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MP-13 (102-106)-202310 — Lab Sample ID: 500-241079-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.2	J ^c	20	3.5	ug/L	2		8260D	Total/NA
cis-1,2-Dichloroethene	68		2.0	0.82	ug/L	2		8260D	Total/NA
trans-1,2-Dichloroethene	0.89	J	2.0	0.70	ug/L	2		8260D	Total/NA
Trichloroethene	95		1.0	0.33	ug/L	2		8260D	Total/NA
Tetrachloroethene - DL	700		20	7.4	ug/L	20		8260D	Total/NA

Client Sample ID: MP-13 (081-085)-202310 — Lab Sample ID: 500-241079-5

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	190		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	1.6	J	5.0	1.6	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	2.1		1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	110		0.50	0.16	ug/L	1		8260D	Total/NA
Vinyl chloride	3.9		1.0	0.20	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	550		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MP-13 (067-071)-202310 — Lab Sample ID: 500-241079-6

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.4	J ^c	10	1.7	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.96	J	1.0	0.41	ug/L	1		8260D	Total/NA
Tetrachloroethene	18		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	1.3		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MP-13 (044-048)-202310 — Lab Sample ID: 500-241079-7

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.2	J ^c	10	1.7	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Client Sample ID: MP-13 (044-048)-202310 (Continued) — Lab Sample ID: 500-241079-7

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.52	J	2.0	0.37	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	40		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	1.7	J	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	160		1.0	0.37	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.77	J	1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	41		0.50	0.16	ug/L	1		8260D	Total/NA
Vinyl chloride	0.60	J	1.0	0.20	ug/L	1		8260D	Total/NA

Client Sample ID: MP-14 (170-178)-202310 — Lab Sample ID: 500-241079-8

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	32		2.0	0.82	ug/L	2		8260D	Total/NA
Trichloroethene	73		1.0	0.33	ug/L	2		8260D	Total/NA
Tetrachloroethene - DL	1000		20	7.4	ug/L	20		8260D	Total/NA

Client Sample ID: MP-14 (135-140)-202310 — Lab Sample ID: 500-241079-9

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		1.0	0.41	ug/L	1		8260D	Total/NA
Tetrachloroethene	48		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	2.6		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MP-14 (100-105)-202310 — Lab Sample ID: 500-241079-10

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.93	J	1.0	0.37	ug/L	1		8260D	Total/NA

Client Sample ID: MP-15 (177-187)-202310 — Lab Sample ID: 500-241079-11

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	4.0		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	0.25	J	0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MP-15 (142-146)-202310 — Lab Sample ID: 500-241079-12

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	89		2.0	0.82	ug/L	2		8260D	Total/NA
Trichloroethene	120		1.0	0.33	ug/L	2		8260D	Total/NA
Tetrachloroethene - DL	1700		20	7.4	ug/L	20		8260D	Total/NA

Client Sample ID: MP-15 (120-125)-202310 — Lab Sample ID: 500-241079-13

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	38		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	67		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	810		20	7.4	ug/L	20		8260D	Total/NA

Client Sample ID: MP-15 (100-105)-202310 — Lab Sample ID: 500-241079-14

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	30		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	55		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	580		20	7.4	ug/L	20		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-15 (088-092)-202310 — Lab Sample ID: 500-241079-15

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	27		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	22		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	290		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MP-16 (175-179)-202310 — Lab Sample ID: 500-241079-16

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.7		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	0.58		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MP-16 (140-144)-202310 — Lab Sample ID: 500-241079-17

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7		1.0	0.41	ug/L	1		8260D	Total/NA
Tetrachloroethene	52		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	9.3		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MP-16 (106-116)-202310 — Lab Sample ID: 500-241079-18

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.6		1.0	0.41	ug/L	1		8260D	Total/NA
Tetrachloroethene	45		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	6.1		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MW-4D2-202310 — Lab Sample ID: 500-241079-19

No Detections.

Client Sample ID: MW-5D-202310 — Lab Sample ID: 500-241079-20

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	3.8		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	290		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MW-5D2-202310 — Lab Sample ID: 500-241079-21

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		10	4.1	ug/L	10		8260D	Total/NA
Trichloroethene	50		5.0	1.6	ug/L	10		8260D	Total/NA
Tetrachloroethene - DL	4700		100	37	ug/L	100		8260D	Total/NA

Client Sample ID: MW-5D3-202310 — Lab Sample ID: 500-241079-22

No Detections.

Client Sample ID: MW-5S-202310 — Lab Sample ID: 500-241079-23

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	1.0		1.0	0.38	ug/L	1		8260D	Total/NA
Chloroform	0.79	J	2.0	0.37	ug/L	1		8260D	Total/NA
Tetrachloroethene	37		1.0	0.37	ug/L	1		8260D	Total/NA
Total Dissolved Solids	596		10.0	4.3	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-6D-202310 — Lab Sample ID: 500-241079-24

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.9		1.0	0.36	ug/L	1		8260D	Total/NA
Ethylbenzene	14		0.50	0.18	ug/L	1		8260D	Total/NA
Isopropylbenzene	19		1.0	0.39	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	8.1		1.0	0.18	ug/L	1		8260D	Total/NA
Naphthalene	5.0		1.0	0.34	ug/L	1		8260D	Total/NA
N-Propylbenzene	7.4		1.0	0.41	ug/L	1		8260D	Total/NA
o-Xylene	0.59		0.50	0.22	ug/L	1		8260D	Total/NA
p-Isopropyltoluene	1.5		1.0	0.36	ug/L	1		8260D	Total/NA
sec-Butylbenzene	2.7		1.0	0.40	ug/L	1		8260D	Total/NA
Styrene	0.91	J	1.0	0.39	ug/L	1		8260D	Total/NA
tert-Butylbenzene	0.46	J	1.0	0.40	ug/L	1		8260D	Total/NA
Toluene	14		0.50	0.15	ug/L	1		8260D	Total/NA
Trichloroethene	6.3		0.50	0.16	ug/L	1		8260D	Total/NA
Xylenes, Total	8.7		1.0	0.22	ug/L	1		8260D	Total/NA
Benzene - DL	340		5.0	1.5	ug/L	10		8260D	Total/NA

Client Sample ID: MW-6S-202310 — Lab Sample ID: 500-241079-25

No Detections.

Client Sample ID: MW-9D-202310 — Lab Sample ID: 500-241079-26

No Detections.

Client Sample ID: MW-9D2-202310 — Lab Sample ID: 500-241079-27

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	95		1.0	0.41	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	6.3		1.0	0.39	ug/L	1		8260D	Total/NA
Methylene Chloride	2.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Trichloroethene	53		0.50	0.16	ug/L	1		8260D	Total/NA
Vinyl chloride	0.91	J ^c	1.0	0.20	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	300		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MW-17-202310 — Lab Sample ID: 500-241079-28

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.54	J	1.0	0.39	ug/L	1		8260D	Total/NA
Carbon tetrachloride	0.53	J	1.0	0.38	ug/L	1		8260D	Total/NA
Chloroform	0.67	J	2.0	0.37	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	8.0		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	2.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.51	J	1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	35		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	810		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MW-25D-202310 — Lab Sample ID: 500-241079-29

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.5	J B	5.0	1.6	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-25D2-202310 — Lab Sample ID: 500-241079-30

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.3	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: MW-27D-202310 — Lab Sample ID: 500-241079-31

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.4	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.98	J	1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	1.6		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MW-27D2-202310 — Lab Sample ID: 500-241079-32

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.7		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	2.3	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	12		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	9.7		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01-202310 — Lab Sample ID: 500-241079-33

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.44	J	1.0	0.39	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3.4		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	2.3	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Trichloroethene	4.0		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	270		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: DUP-02-202310 — Lab Sample ID: 500-241079-34

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.5	J B	5.0	1.6	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-03-202310 — Lab Sample ID: 500-241079-35

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.2	J B	5.0	1.6	ug/L	1		8260D	Total/NA
Trichlorofluoromethane	1.6		1.0	0.43	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
EPA 8082A	Polychlorinated Biphenyls (PCBs) (GC)	SW846	EET PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 2540D	Solids, Total Suspended (TSS)	SM	EET CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PIT
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

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

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

Laboratory References:

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

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-241079-1	MP-13 (163-167)-202310	Ground Water	10/09/23 14:45	10/14/23 11:20
500-241079-2	MP-13 (135-139)-202310	Ground Water	10/09/23 15:20	10/14/23 11:20
500-241079-3	MP-13 (121-125)-202310	Ground Water	10/09/23 15:45	10/14/23 11:20
500-241079-4	MP-13 (102-106)-202310	Ground Water	10/09/23 16:15	10/14/23 11:20
500-241079-5	MP-13 (081-085)-202310	Ground Water	10/09/23 16:30	10/14/23 11:20
500-241079-6	MP-13 (067-071)-202310	Ground Water	10/10/23 10:25	10/14/23 11:20
500-241079-7	MP-13 (044-048)-202310	Ground Water	10/10/23 10:45	10/14/23 11:20
500-241079-8	MP-14 (170-178)-202310	Ground Water	10/10/23 15:20	10/14/23 11:20
500-241079-9	MP-14 (135-140)-202310	Ground Water	10/10/23 15:45	10/14/23 11:20
500-241079-10	MP-14 (100-105)-202310	Ground Water	10/10/23 16:04	10/14/23 11:20
500-241079-11	MP-15 (177-187)-202310	Ground Water	10/10/23 11:40	10/14/23 11:20
500-241079-12	MP-15 (142-146)-202310	Ground Water	10/10/23 12:05	10/14/23 11:20
500-241079-13	MP-15 (120-125)-202310	Ground Water	10/10/23 12:25	10/14/23 11:20
500-241079-14	MP-15 (100-105)-202310	Ground Water	10/10/23 12:50	10/14/23 11:20
500-241079-15	MP-15 (088-092)-202310	Ground Water	10/10/23 13:20	10/14/23 11:20
500-241079-16	MP-16 (175-179)-202310	Ground Water	10/10/23 16:50	10/14/23 11:20
500-241079-17	MP-16 (140-144)-202310	Ground Water	10/10/23 17:05	10/14/23 11:20
500-241079-18	MP-16 (106-116)-202310	Ground Water	10/10/23 17:20	10/14/23 11:20
500-241079-19	MW-4D2-202310	Ground Water	10/12/23 14:11	10/14/23 11:20
500-241079-20	MW-5D-202310	Ground Water	10/11/23 15:45	10/14/23 11:20
500-241079-21	MW-5D2-202310	Ground Water	10/11/23 15:48	10/14/23 11:20
500-241079-22	MW-5D3-202310	Ground Water	10/11/23 16:31	10/14/23 11:20
500-241079-23	MW-5S-202310	Ground Water	10/11/23 15:07	10/14/23 11:20
500-241079-24	MW-6D-202310	Ground Water	10/12/23 10:23	10/14/23 11:20
500-241079-25	MW-6S-202310	Ground Water	10/12/23 11:29	10/14/23 11:20
500-241079-26	MW-9D-202310	Ground Water	10/12/23 15:47	10/14/23 11:20
500-241079-27	MW-9D2-202310	Ground Water	10/12/23 15:46	10/14/23 11:20
500-241079-28	MW-17-202310	Ground Water	10/12/23 10:17	10/14/23 11:20
500-241079-29	MW-25D-202310	Ground Water	10/11/23 12:04	10/14/23 11:20
500-241079-30	MW-25D2-202310	Ground Water	10/11/23 11:03	10/14/23 11:20
500-241079-31	MW-27D-202310	Ground Water	10/11/23 13:47	10/14/23 11:20
500-241079-32	MW-27D2-202310	Ground Water	10/11/23 13:46	10/14/23 11:20
500-241079-33	DUP-01-202310	Ground Water	10/11/23 00:00	10/14/23 11:20
500-241079-34	DUP-02-202310	Ground Water	10/12/23 00:00	10/14/23 11:20
500-241079-35	DUP-03-202310	Ground Water	10/12/23 00:00	10/14/23 11:20

Client Sample ID: MP-13 (163-167)-202310
Date Collected: 10/09/23 14:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-1
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 11:01	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 11:01	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 11:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 11:01	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 11:01	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 11:01	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 11:01	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 11:01	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 11:01	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 11:01	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 11:01	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 11:01	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/19/23 11:01	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 11:01	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 11:01	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 11:01	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 11:01	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 11:01	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 11:01	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 11:01	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 11:01	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 11:01	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/19/23 11:01	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 11:01	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/19/23 11:01	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 11:01	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/19/23 11:01	1
Acetone	**17**	**^c**	10	1.7	ug/L			10/19/23 11:01	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 11:01	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 11:01	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 11:01	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 11:01	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/19/23 11:01	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/19/23 11:01	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 11:01	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 11:01	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 11:01	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 11:01	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 11:01	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 11:01	1
cis-1,2-Dichloroethene	**29**		1.0	0.41	ug/L			10/19/23 11:01	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 11:01	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 11:01	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 11:01	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 11:01	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 11:01	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 11:01	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/19/23 11:01	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 11:01	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-13 (163-167)-202310
Date Collected: 10/09/23 14:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-1
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 11:01	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 11:01	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 11:01	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/19/23 11:01	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 11:01	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 11:01	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 11:01	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 11:01	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 11:01	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 11:01	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 11:01	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 11:01	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 11:01	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 11:01	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 11:01	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 11:01	1
Trichloroethene	**21**		0.50	0.16	ug/L			10/19/23 11:01	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 11:01	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 11:01	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/19/23 11:01*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/19/23 11:01*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*10/19/23 11:01*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/19/23 11:01*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**210**		10	3.7	ug/L			10/20/23 13:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*75 - 126*		*10/20/23 13:31*	*10*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*10/20/23 13:31*	*10*
Dibromofluoromethane (Surr)	*89*		*75 - 120*		*10/20/23 13:31*	*10*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/20/23 13:31*	*10*

Client Sample ID: MP-13 (135-139)-202310
Date Collected: 10/09/23 15:20
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-2
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.3		5.0	2.3	ug/L			10/19/23 11:25	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			10/19/23 11:25	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			10/19/23 11:25	5
1,1,2-Trichloro-1,2,2-trifluoroethane	<2.3		5.0	2.3	ug/L			10/19/23 11:25	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			10/19/23 11:25	5
1,1-Dichloroethane	<2.1		5.0	2.1	ug/L			10/19/23 11:25	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			10/19/23 11:25	5
1,1-Dichloropropene	<1.5		5.0	1.5	ug/L			10/19/23 11:25	5
1,2,3-Trichlorobenzene	<2.3		5.0	2.3	ug/L			10/19/23 11:25	5
1,2,3-Trichloropropane	<2.1		10	2.1	ug/L			10/19/23 11:25	5
1,2,4-Trichlorobenzene	<1.7		5.0	1.7	ug/L			10/19/23 11:25	5
1,2,4-Trimethylbenzene	<1.8		5.0	1.8	ug/L			10/19/23 11:25	5
1,2-Dibromo-3-Chloropropane	<10	^c	25	10	ug/L			10/19/23 11:25	5
1,2-Dibromoethane	<1.9		5.0	1.9	ug/L			10/19/23 11:25	5
1,2-Dichlorobenzene	<1.7		5.0	1.7	ug/L			10/19/23 11:25	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			10/19/23 11:25	5
1,2-Dichloropropane	<2.1		5.0	2.1	ug/L			10/19/23 11:25	5
1,3,5-Trimethylbenzene	<1.3		5.0	1.3	ug/L			10/19/23 11:25	5
1,3-Dichlorobenzene	<2.0		5.0	2.0	ug/L			10/19/23 11:25	5
1,3-Dichloropropane	<1.8		5.0	1.8	ug/L			10/19/23 11:25	5
1,4-Dichlorobenzene	<1.8		5.0	1.8	ug/L			10/19/23 11:25	5
2,2-Dichloropropane	<2.2		25	2.2	ug/L			10/19/23 11:25	5
2-Butanone (MEK)	<11	^c	25	11	ug/L			10/19/23 11:25	5
2-Chlorotoluene	<1.6		5.0	1.6	ug/L			10/19/23 11:25	5
2-Hexanone	<7.8	^c	25	7.8	ug/L			10/19/23 11:25	5
4-Chlorotoluene	<1.7		5.0	1.7	ug/L			10/19/23 11:25	5
4-Methyl-2-pentanone (MIBK)	<11	^c	25	11	ug/L			10/19/23 11:25	5
Acetone	<8.7	^c	50	8.7	ug/L			10/19/23 11:25	5
Benzene	<0.73		2.5	0.73	ug/L			10/19/23 11:25	5
Bromobenzene	<1.8		5.0	1.8	ug/L			10/19/23 11:25	5
Bromochloromethane	<2.1		5.0	2.1	ug/L			10/19/23 11:25	5
Bromodichloromethane	<1.9		5.0	1.9	ug/L			10/19/23 11:25	5
Bromoform	<2.4	^c	5.0	2.4	ug/L			10/19/23 11:25	5
Bromomethane	<4.0	^c	15	4.0	ug/L			10/19/23 11:25	5
Carbon disulfide	<2.2		10	2.2	ug/L			10/19/23 11:25	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			10/19/23 11:25	5
Chlorobenzene	<1.9		5.0	1.9	ug/L			10/19/23 11:25	5
Chloroethane	<2.5		25	2.5	ug/L			10/19/23 11:25	5
Chloroform	<1.9		10	1.9	ug/L			10/19/23 11:25	5
Chloromethane	<1.6		25	1.6	ug/L			10/19/23 11:25	5
cis-1,2-Dichloroethene	**110**		5.0	2.0	ug/L			10/19/23 11:25	5
cis-1,3-Dichloropropene	<2.1		5.0	2.1	ug/L			10/19/23 11:25	5
Dibromochloromethane	<2.4		5.0	2.4	ug/L			10/19/23 11:25	5
Dibromomethane	<1.4		5.0	1.4	ug/L			10/19/23 11:25	5
Dichlorodifluoromethane	<3.4		15	3.4	ug/L			10/19/23 11:25	5
Diisopropyl ether	<1.4		5.0	1.4	ug/L			10/19/23 11:25	5
Ethylbenzene	<0.92		2.5	0.92	ug/L			10/19/23 11:25	5
Hexachlorobutadiene	<2.2	^c	5.0	2.2	ug/L			10/19/23 11:25	5
Isopropylbenzene	<1.9		5.0	1.9	ug/L			10/19/23 11:25	5

Client Sample ID: MP-13 (135-139)-202310
Date Collected: 10/09/23 15:20
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-2
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.91		5.0	0.91	ug/L			10/19/23 11:25	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			10/19/23 11:25	5
Methylene Chloride	<8.2		25	8.2	ug/L			10/19/23 11:25	5
Naphthalene	<1.7	^c	5.0	1.7	ug/L			10/19/23 11:25	5
n-Butylbenzene	<1.9		5.0	1.9	ug/L			10/19/23 11:25	5
n-Hexane	<2.5		5.0	2.5	ug/L			10/19/23 11:25	5
N-Propylbenzene	<2.1		5.0	2.1	ug/L			10/19/23 11:25	5
o-Xylene	<1.1		2.5	1.1	ug/L			10/19/23 11:25	5
p-Isopropyltoluene	<1.8		5.0	1.8	ug/L			10/19/23 11:25	5
sec-Butylbenzene	<2.0		5.0	2.0	ug/L			10/19/23 11:25	5
Styrene	<1.9		5.0	1.9	ug/L			10/19/23 11:25	5
tert-Butylbenzene	<2.0		5.0	2.0	ug/L			10/19/23 11:25	5
Tetrahydrofuran	<9.4		50	9.4	ug/L			10/19/23 11:25	5
Toluene	<0.76		2.5	0.76	ug/L			10/19/23 11:25	5
trans-1,2-Dichloroethene	**1.8**	**J**	5.0	1.7	ug/L			10/19/23 11:25	5
trans-1,3-Dichloropropene	<1.8		5.0	1.8	ug/L			10/19/23 11:25	5
Trichloroethene	**200**		2.5	0.82	ug/L			10/19/23 11:25	5
Trichlorofluoromethane	<2.1		5.0	2.1	ug/L			10/19/23 11:25	5
Vinyl chloride	<1.0		5.0	1.0	ug/L			10/19/23 11:25	5
Xylenes, Total	<1.1		5.0	1.1	ug/L			10/19/23 11:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*10/19/23 11:25*	*5*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*10/19/23 11:25*	*5*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*10/19/23 11:25*	*5*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/19/23 11:25*	*5*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**2900**		50	19	ug/L			10/19/23 11:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*75 - 126*		*10/19/23 11:50*	*50*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*10/19/23 11:50*	*50*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*10/19/23 11:50*	*50*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/19/23 11:50*	*50*

Client Sample ID: MP-13 (121-125)-202310
Date Collected: 10/09/23 15:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-3
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 12:14	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 12:14	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 12:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 12:14	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 12:14	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 12:14	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 12:14	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 12:14	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 12:14	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 12:14	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 12:14	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 12:14	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/19/23 12:14	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 12:14	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 12:14	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 12:14	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 12:14	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 12:14	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 12:14	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 12:14	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 12:14	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 12:14	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/19/23 12:14	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 12:14	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/19/23 12:14	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 12:14	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/19/23 12:14	1
Acetone	**2.6**	**J ^c**	10	1.7	ug/L			10/19/23 12:14	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 12:14	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 12:14	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 12:14	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 12:14	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/19/23 12:14	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/19/23 12:14	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 12:14	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 12:14	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 12:14	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 12:14	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 12:14	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 12:14	1
cis-1,2-Dichloroethene	**26**		1.0	0.41	ug/L			10/19/23 12:14	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 12:14	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 12:14	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 12:14	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 12:14	1
Diisopropyl ether	**0.69**	**J**	1.0	0.28	ug/L			10/19/23 12:14	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 12:14	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/19/23 12:14	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 12:14	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-13 (121-125)-202310

Date Collected: 10/09/23 15:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-3

Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 12:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 12:14	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 12:14	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/19/23 12:14	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 12:14	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 12:14	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 12:14	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 12:14	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 12:14	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 12:14	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 12:14	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 12:14	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 12:14	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 12:14	1
trans-1,2-Dichloroethene	**0.54**	**J**	1.0	0.35	ug/L			10/19/23 12:14	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 12:14	1
Trichloroethene	**35**		0.50	0.16	ug/L			10/19/23 12:14	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 12:14	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 12:14	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*10/19/23 12:14*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/19/23 12:14*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*10/19/23 12:14*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/19/23 12:14*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**480**		10	3.7	ug/L			10/19/23 12:39	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*		*10/19/23 12:39*	*10*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*10/19/23 12:39*	*10*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*10/19/23 12:39*	*10*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/19/23 12:39*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-13 (102-106)-202310
Date Collected: 10/09/23 16:15
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-4
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.92		2.0	0.92	ug/L			10/19/23 13:03	2
1,1,1-Trichloroethane	<0.76		2.0	0.76	ug/L			10/19/23 13:03	2
1,1,2,2-Tetrachloroethane	<0.80		2.0	0.80	ug/L			10/19/23 13:03	2
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.92		2.0	0.92	ug/L			10/19/23 13:03	2
1,1,2-Trichloroethane	<0.70		2.0	0.70	ug/L			10/19/23 13:03	2
1,1-Dichloroethane	<0.82		2.0	0.82	ug/L			10/19/23 13:03	2
1,1-Dichloroethene	<0.78		2.0	0.78	ug/L			10/19/23 13:03	2
1,1-Dichloropropene	<0.59		2.0	0.59	ug/L			10/19/23 13:03	2
1,2,3-Trichlorobenzene	<0.92		2.0	0.92	ug/L			10/19/23 13:03	2
1,2,3-Trichloropropane	<0.83		4.0	0.83	ug/L			10/19/23 13:03	2
1,2,4-Trichlorobenzene	<0.68		2.0	0.68	ug/L			10/19/23 13:03	2
1,2,4-Trimethylbenzene	<0.72		2.0	0.72	ug/L			10/19/23 13:03	2
1,2-Dibromo-3-Chloropropane	<4.0	^c	10	4.0	ug/L			10/19/23 13:03	2
1,2-Dibromoethane	<0.77		2.0	0.77	ug/L			10/19/23 13:03	2
1,2-Dichlorobenzene	<0.67		2.0	0.67	ug/L			10/19/23 13:03	2
1,2-Dichloroethane	<0.78		2.0	0.78	ug/L			10/19/23 13:03	2
1,2-Dichloropropane	<0.86		2.0	0.86	ug/L			10/19/23 13:03	2
1,3,5-Trimethylbenzene	<0.51		2.0	0.51	ug/L			10/19/23 13:03	2
1,3-Dichlorobenzene	<0.80		2.0	0.80	ug/L			10/19/23 13:03	2
1,3-Dichloropropane	<0.72		2.0	0.72	ug/L			10/19/23 13:03	2
1,4-Dichlorobenzene	<0.73		2.0	0.73	ug/L			10/19/23 13:03	2
2,2-Dichloropropane	<0.89		10	0.89	ug/L			10/19/23 13:03	2
2-Butanone (MEK)	<4.2	^c	10	4.2	ug/L			10/19/23 13:03	2
2-Chlorotoluene	<0.63		2.0	0.63	ug/L			10/19/23 13:03	2
2-Hexanone	<3.1	^c	10	3.1	ug/L			10/19/23 13:03	2
4-Chlorotoluene	<0.70		2.0	0.70	ug/L			10/19/23 13:03	2
4-Methyl-2-pentanone (MIBK)	<4.3	^c	10	4.3	ug/L			10/19/23 13:03	2
Acetone	**7.2**	**J ^c**	20	3.5	ug/L			10/19/23 13:03	2
Benzene	<0.29		1.0	0.29	ug/L			10/19/23 13:03	2
Bromobenzene	<0.71		2.0	0.71	ug/L			10/19/23 13:03	2
Bromochloromethane	<0.86		2.0	0.86	ug/L			10/19/23 13:03	2
Bromodichloromethane	<0.74		2.0	0.74	ug/L			10/19/23 13:03	2
Bromoform	<0.97	^c	2.0	0.97	ug/L			10/19/23 13:03	2
Bromomethane	<1.6	^c	6.0	1.6	ug/L			10/19/23 13:03	2
Carbon disulfide	<0.90		4.0	0.90	ug/L			10/19/23 13:03	2
Carbon tetrachloride	<0.77		2.0	0.77	ug/L			10/19/23 13:03	2
Chlorobenzene	<0.77		2.0	0.77	ug/L			10/19/23 13:03	2
Chloroethane	<1.0		10	1.0	ug/L			10/19/23 13:03	2
Chloroform	<0.74		4.0	0.74	ug/L			10/19/23 13:03	2
Chloromethane	<0.64		10	0.64	ug/L			10/19/23 13:03	2
cis-1,2-Dichloroethene	**68**		2.0	0.82	ug/L			10/19/23 13:03	2
cis-1,3-Dichloropropene	<0.83		2.0	0.83	ug/L			10/19/23 13:03	2
Dibromochloromethane	<0.98		2.0	0.98	ug/L			10/19/23 13:03	2
Dibromomethane	<0.54		2.0	0.54	ug/L			10/19/23 13:03	2
Dichlorodifluoromethane	<1.3		6.0	1.3	ug/L			10/19/23 13:03	2
Diisopropyl ether	<0.55		2.0	0.55	ug/L			10/19/23 13:03	2
Ethylbenzene	<0.37		1.0	0.37	ug/L			10/19/23 13:03	2
Hexachlorobutadiene	<0.89	^c	2.0	0.89	ug/L			10/19/23 13:03	2
Isopropylbenzene	<0.77		2.0	0.77	ug/L			10/19/23 13:03	2

Client Sample ID: MP-13 (102-106)-202310
Date Collected: 10/09/23 16:15
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-4
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.36		2.0	0.36	ug/L			10/19/23 13:03	2
Methyl tert-butyl ether	<0.79		2.0	0.79	ug/L			10/19/23 13:03	2
Methylene Chloride	<3.3		10	3.3	ug/L			10/19/23 13:03	2
Naphthalene	<0.67	^c	2.0	0.67	ug/L			10/19/23 13:03	2
n-Butylbenzene	<0.78		2.0	0.78	ug/L			10/19/23 13:03	2
n-Hexane	<0.98		2.0	0.98	ug/L			10/19/23 13:03	2
N-Propylbenzene	<0.83		2.0	0.83	ug/L			10/19/23 13:03	2
o-Xylene	<0.44		1.0	0.44	ug/L			10/19/23 13:03	2
p-Isopropyltoluene	<0.72		2.0	0.72	ug/L			10/19/23 13:03	2
sec-Butylbenzene	<0.80		2.0	0.80	ug/L			10/19/23 13:03	2
Styrene	<0.77		2.0	0.77	ug/L			10/19/23 13:03	2
tert-Butylbenzene	<0.80		2.0	0.80	ug/L			10/19/23 13:03	2
Tetrahydrofuran	<3.8		20	3.8	ug/L			10/19/23 13:03	2
Toluene	<0.30		1.0	0.30	ug/L			10/19/23 13:03	2
trans-1,2-Dichloroethene	**0.89**	**J**	2.0	0.70	ug/L			10/19/23 13:03	2
trans-1,3-Dichloropropene	<0.72		2.0	0.72	ug/L			10/19/23 13:03	2
Trichloroethene	**95**		1.0	0.33	ug/L			10/19/23 13:03	2
Trichlorofluoromethane	<0.85		2.0	0.85	ug/L			10/19/23 13:03	2
Vinyl chloride	<0.41		2.0	0.41	ug/L			10/19/23 13:03	2
Xylenes, Total	<0.44		2.0	0.44	ug/L			10/19/23 13:03	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*10/19/23 13:03*	*2*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*10/19/23 13:03*	*2*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*10/19/23 13:03*	*2*
Toluene-d8 (Surr)	*90*		*75 - 120*		*10/19/23 13:03*	*2*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**700**		20	7.4	ug/L			10/19/23 13:27	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*		*10/19/23 13:27*	*20*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*10/19/23 13:27*	*20*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*10/19/23 13:27*	*20*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/19/23 13:27*	*20*

Client Sample ID: MP-13 (081-085)-202310
Date Collected: 10/09/23 16:30
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-5
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 13:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 13:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 13:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 13:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 13:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 13:51	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 13:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 13:51	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 13:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 13:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 13:51	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 13:51	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/19/23 13:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 13:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 13:51	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 13:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 13:51	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 13:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 13:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 13:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 13:51	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 13:51	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/19/23 13:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 13:51	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/19/23 13:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 13:51	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/19/23 13:51	1
Acetone	<1.7	^c	10	1.7	ug/L			10/19/23 13:51	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 13:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 13:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 13:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 13:51	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/19/23 13:51	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/19/23 13:51	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 13:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 13:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 13:51	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 13:51	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 13:51	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 13:51	1
cis-1,2-Dichloroethene	**190**		1.0	0.41	ug/L			10/19/23 13:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 13:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 13:51	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 13:51	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 13:51	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 13:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 13:51	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/19/23 13:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 13:51	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-13 (081-085)-202310
Date Collected: 10/09/23 16:30
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-5
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 13:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 13:51	1
Methylene Chloride	**1.6**	**J**	5.0	1.6	ug/L			10/19/23 13:51	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/19/23 13:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 13:51	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 13:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 13:51	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 13:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 13:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 13:51	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 13:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 13:51	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 13:51	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 13:51	1
trans-1,2-Dichloroethene	**2.1**		1.0	0.35	ug/L			10/19/23 13:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 13:51	1
Trichloroethene	**110**		0.50	0.16	ug/L			10/19/23 13:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 13:51	1
Vinyl chloride	**3.9**		1.0	0.20	ug/L			10/19/23 13:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*10/19/23 13:51*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*10/19/23 13:51*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*10/19/23 13:51*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*10/19/23 13:51*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**550**		10	3.7	ug/L			10/19/23 14:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*		*10/19/23 14:15*	*10*
4-Bromofluorobenzene (Surr)	*115*		*72 - 124*		*10/19/23 14:15*	*10*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*10/19/23 14:15*	*10*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/19/23 14:15*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-13 (067-071)-202310
Date Collected: 10/10/23 10:25
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-6
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 14:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 14:40	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 14:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 14:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 14:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 14:40	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 14:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 14:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 14:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 14:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 14:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 14:40	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/19/23 14:40	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 14:40	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 14:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 14:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 14:40	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 14:40	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 14:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 14:40	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 14:40	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 14:40	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/19/23 14:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 14:40	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/19/23 14:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 14:40	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/19/23 14:40	1
Acetone	**4.4**	**J ^c**	10	1.7	ug/L			10/19/23 14:40	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 14:40	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 14:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 14:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 14:40	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/19/23 14:40	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/19/23 14:40	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 14:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 14:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 14:40	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 14:40	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 14:40	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 14:40	1
cis-1,2-Dichloroethene	**0.96**	**J**	1.0	0.41	ug/L			10/19/23 14:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 14:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 14:40	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 14:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 14:40	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 14:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 14:40	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/19/23 14:40	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 14:40	1

Client Sample ID: MP-13 (067-071)-202310
Date Collected: 10/10/23 10:25
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-6
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 14:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 14:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 14:40	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/19/23 14:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 14:40	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 14:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 14:40	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 14:40	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 14:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 14:40	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 14:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 14:40	1
Tetrachloroethene	**18**		1.0	0.37	ug/L			10/19/23 14:40	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 14:40	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 14:40	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 14:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 14:40	1
Trichloroethene	**1.3**		0.50	0.16	ug/L			10/19/23 14:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 14:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 14:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*10/19/23 14:40*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/19/23 14:40*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*10/19/23 14:40*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*10/19/23 14:40*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-13 (044-048)-202310
Date Collected: 10/10/23 10:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-7
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 15:04	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 15:04	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 15:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 15:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 15:04	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 15:04	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 15:04	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 15:04	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 15:04	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 15:04	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 15:04	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:04	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/19/23 15:04	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 15:04	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 15:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 15:04	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 15:04	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 15:04	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:04	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 15:04	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:04	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 15:04	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/19/23 15:04	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 15:04	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/19/23 15:04	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 15:04	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/19/23 15:04	1
Acetone	**3.2**	**J ^c**	10	1.7	ug/L			10/19/23 15:04	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 15:04	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:04	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 15:04	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 15:04	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/19/23 15:04	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/19/23 15:04	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 15:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 15:04	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:04	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 15:04	1
Chloroform	**0.52**	**J**	2.0	0.37	ug/L			10/19/23 15:04	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 15:04	1
cis-1,2-Dichloroethene	**40**		1.0	0.41	ug/L			10/19/23 15:04	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 15:04	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 15:04	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 15:04	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 15:04	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 15:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 15:04	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/19/23 15:04	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:04	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-13 (044-048)-202310
Date Collected: 10/10/23 10:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-7
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 15:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 15:04	1
Methylene Chloride	**1.7**	**J**	5.0	1.6	ug/L			10/19/23 15:04	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/19/23 15:04	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:04	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 15:04	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 15:04	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 15:04	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 15:04	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:04	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 15:04	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:04	1
Tetrachloroethene	**160**		1.0	0.37	ug/L			10/19/23 15:04	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 15:04	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 15:04	1
trans-1,2-Dichloroethene	**0.77**	**J**	1.0	0.35	ug/L			10/19/23 15:04	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 15:04	1
Trichloroethene	**41**		0.50	0.16	ug/L			10/19/23 15:04	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 15:04	1
Vinyl chloride	**0.60**	**J**	1.0	0.20	ug/L			10/19/23 15:04	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*10/19/23 15:04*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/19/23 15:04*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*10/19/23 15:04*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*10/19/23 15:04*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-14 (170-178)-202310
Date Collected: 10/10/23 15:20
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-8
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.92		2.0	0.92	ug/L			10/19/23 15:29	2
1,1,1-Trichloroethane	<0.76		2.0	0.76	ug/L			10/19/23 15:29	2
1,1,2,2-Tetrachloroethane	<0.80		2.0	0.80	ug/L			10/19/23 15:29	2
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.92		2.0	0.92	ug/L			10/19/23 15:29	2
1,1,2-Trichloroethane	<0.70		2.0	0.70	ug/L			10/19/23 15:29	2
1,1-Dichloroethane	<0.82		2.0	0.82	ug/L			10/19/23 15:29	2
1,1-Dichloroethene	<0.78		2.0	0.78	ug/L			10/19/23 15:29	2
1,1-Dichloropropene	<0.59		2.0	0.59	ug/L			10/19/23 15:29	2
1,2,3-Trichlorobenzene	<0.92		2.0	0.92	ug/L			10/19/23 15:29	2
1,2,3-Trichloropropane	<0.83		4.0	0.83	ug/L			10/19/23 15:29	2
1,2,4-Trichlorobenzene	<0.68		2.0	0.68	ug/L			10/19/23 15:29	2
1,2,4-Trimethylbenzene	<0.72		2.0	0.72	ug/L			10/19/23 15:29	2
1,2-Dibromo-3-Chloropropane	<4.0	^c	10	4.0	ug/L			10/19/23 15:29	2
1,2-Dibromoethane	<0.77		2.0	0.77	ug/L			10/19/23 15:29	2
1,2-Dichlorobenzene	<0.67		2.0	0.67	ug/L			10/19/23 15:29	2
1,2-Dichloroethane	<0.78		2.0	0.78	ug/L			10/19/23 15:29	2
1,2-Dichloropropane	<0.86		2.0	0.86	ug/L			10/19/23 15:29	2
1,3,5-Trimethylbenzene	<0.51		2.0	0.51	ug/L			10/19/23 15:29	2
1,3-Dichlorobenzene	<0.80		2.0	0.80	ug/L			10/19/23 15:29	2
1,3-Dichloropropane	<0.72		2.0	0.72	ug/L			10/19/23 15:29	2
1,4-Dichlorobenzene	<0.73		2.0	0.73	ug/L			10/19/23 15:29	2
2,2-Dichloropropane	<0.89		10	0.89	ug/L			10/19/23 15:29	2
2-Butanone (MEK)	<4.2	^c	10	4.2	ug/L			10/19/23 15:29	2
2-Chlorotoluene	<0.63		2.0	0.63	ug/L			10/19/23 15:29	2
2-Hexanone	<3.1	^c	10	3.1	ug/L			10/19/23 15:29	2
4-Chlorotoluene	<0.70		2.0	0.70	ug/L			10/19/23 15:29	2
4-Methyl-2-pentanone (MIBK)	<4.3	^c	10	4.3	ug/L			10/19/23 15:29	2
Acetone	<3.5	^c	20	3.5	ug/L			10/19/23 15:29	2
Benzene	<0.29		1.0	0.29	ug/L			10/19/23 15:29	2
Bromobenzene	<0.71		2.0	0.71	ug/L			10/19/23 15:29	2
Bromochloromethane	<0.86		2.0	0.86	ug/L			10/19/23 15:29	2
Bromodichloromethane	<0.74		2.0	0.74	ug/L			10/19/23 15:29	2
Bromoform	<0.97	^c	2.0	0.97	ug/L			10/19/23 15:29	2
Bromomethane	<1.6	^c	6.0	1.6	ug/L			10/19/23 15:29	2
Carbon disulfide	<0.90		4.0	0.90	ug/L			10/19/23 15:29	2
Carbon tetrachloride	<0.77		2.0	0.77	ug/L			10/19/23 15:29	2
Chlorobenzene	<0.77		2.0	0.77	ug/L			10/19/23 15:29	2
Chloroethane	<1.0		10	1.0	ug/L			10/19/23 15:29	2
Chloroform	<0.74		4.0	0.74	ug/L			10/19/23 15:29	2
Chloromethane	<0.64		10	0.64	ug/L			10/19/23 15:29	2
cis-1,2-Dichloroethene	**32**		2.0	0.82	ug/L			10/19/23 15:29	2
cis-1,3-Dichloropropene	<0.83		2.0	0.83	ug/L			10/19/23 15:29	2
Dibromochloromethane	<0.98		2.0	0.98	ug/L			10/19/23 15:29	2
Dibromomethane	<0.54		2.0	0.54	ug/L			10/19/23 15:29	2
Dichlorodifluoromethane	<1.3		6.0	1.3	ug/L			10/19/23 15:29	2
Diisopropyl ether	<0.55		2.0	0.55	ug/L			10/19/23 15:29	2
Ethylbenzene	<0.37		1.0	0.37	ug/L			10/19/23 15:29	2
Hexachlorobutadiene	<0.89	^c	2.0	0.89	ug/L			10/19/23 15:29	2
Isopropylbenzene	<0.77		2.0	0.77	ug/L			10/19/23 15:29	2

Client Sample ID: MP-14 (170-178)-202310
Date Collected: 10/10/23 15:20
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-8
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.36		2.0	0.36	ug/L			10/19/23 15:29	2
Methyl tert-butyl ether	<0.79		2.0	0.79	ug/L			10/19/23 15:29	2
Methylene Chloride	<3.3		10	3.3	ug/L			10/19/23 15:29	2
Naphthalene	<0.67	^c	2.0	0.67	ug/L			10/19/23 15:29	2
n-Butylbenzene	<0.78		2.0	0.78	ug/L			10/19/23 15:29	2
n-Hexane	<0.98		2.0	0.98	ug/L			10/19/23 15:29	2
N-Propylbenzene	<0.83		2.0	0.83	ug/L			10/19/23 15:29	2
o-Xylene	<0.44		1.0	0.44	ug/L			10/19/23 15:29	2
p-Isopropyltoluene	<0.72		2.0	0.72	ug/L			10/19/23 15:29	2
sec-Butylbenzene	<0.80		2.0	0.80	ug/L			10/19/23 15:29	2
Styrene	<0.77		2.0	0.77	ug/L			10/19/23 15:29	2
tert-Butylbenzene	<0.80		2.0	0.80	ug/L			10/19/23 15:29	2
Tetrahydrofuran	<3.8		20	3.8	ug/L			10/19/23 15:29	2
Toluene	<0.30		1.0	0.30	ug/L			10/19/23 15:29	2
trans-1,2-Dichloroethene	<0.70		2.0	0.70	ug/L			10/19/23 15:29	2
trans-1,3-Dichloropropene	<0.72		2.0	0.72	ug/L			10/19/23 15:29	2
Trichloroethene	**73**		1.0	0.33	ug/L			10/19/23 15:29	2
Trichlorofluoromethane	<0.85		2.0	0.85	ug/L			10/19/23 15:29	2
Vinyl chloride	<0.41		2.0	0.41	ug/L			10/19/23 15:29	2
Xylenes, Total	<0.44		2.0	0.44	ug/L			10/19/23 15:29	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/19/23 15:29*	*2*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*10/19/23 15:29*	*2*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*10/19/23 15:29*	*2*
Toluene-d8 (Surr)	*93*		*75 - 120*		*10/19/23 15:29*	*2*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1000**		20	7.4	ug/L			10/19/23 15:53	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*10/19/23 15:53*	*20*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/19/23 15:53*	*20*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*10/19/23 15:53*	*20*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/19/23 15:53*	*20*

Client Sample ID: MP-14 (135-140)-202310
Date Collected: 10/10/23 15:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-9
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 16:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 16:18	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 16:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 16:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 16:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 16:18	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 16:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 16:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 16:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 16:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/19/23 16:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 16:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 16:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 16:18	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 16:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 16:18	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/19/23 16:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 16:18	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/19/23 16:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 16:18	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/19/23 16:18	1
Acetone	<1.7	^c	10	1.7	ug/L			10/19/23 16:18	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 16:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 16:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 16:18	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/19/23 16:18	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/19/23 16:18	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 16:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 16:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 16:18	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 16:18	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 16:18	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.41	ug/L			10/19/23 16:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 16:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 16:18	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 16:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 16:18	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 16:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 16:18	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/19/23 16:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-14 (135-140)-202310
Date Collected: 10/10/23 15:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-9
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 16:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 16:18	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/19/23 16:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 16:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 16:18	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 16:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 16:18	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 16:18	1
Tetrachloroethene	**48**		1.0	0.37	ug/L			10/19/23 16:18	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 16:18	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 16:18	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 16:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
Trichloroethene	**2.6**		0.50	0.16	ug/L			10/19/23 16:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 16:18	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 16:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*10/19/23 16:18*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*10/19/23 16:18*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*10/19/23 16:18*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*10/19/23 16:18*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-14 (100-105)-202310
Date Collected: 10/10/23 16:04
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-10
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 16:42	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 16:42	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 16:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 16:42	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 16:42	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 16:42	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 16:42	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 16:42	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 16:42	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 16:42	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 16:42	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 16:42	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/19/23 16:42	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 16:42	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 16:42	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 16:42	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 16:42	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 16:42	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 16:42	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 16:42	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 16:42	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 16:42	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/19/23 16:42	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 16:42	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/19/23 16:42	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 16:42	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/19/23 16:42	1
Acetone	<1.7	^c	10	1.7	ug/L			10/19/23 16:42	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 16:42	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 16:42	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 16:42	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 16:42	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/19/23 16:42	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/19/23 16:42	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 16:42	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 16:42	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 16:42	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 16:42	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 16:42	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 16:42	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 16:42	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 16:42	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 16:42	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 16:42	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 16:42	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 16:42	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 16:42	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/19/23 16:42	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 16:42	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-14 (100-105)-202310
Date Collected: 10/10/23 16:04
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-10
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 16:42	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 16:42	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 16:42	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/19/23 16:42	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 16:42	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 16:42	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 16:42	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 16:42	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 16:42	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 16:42	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 16:42	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 16:42	1
Tetrachloroethene	**0.93**	**J**	1.0	0.37	ug/L			10/19/23 16:42	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 16:42	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 16:42	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 16:42	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 16:42	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/19/23 16:42	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 16:42	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 16:42	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*10/19/23 16:42*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*10/19/23 16:42*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*10/19/23 16:42*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*10/19/23 16:42*	*1*

Client Sample ID: MP-15 (177-187)-202310
Date Collected: 10/10/23 11:40
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-11
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 17:06	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 17:06	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 17:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 17:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 17:06	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 17:06	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 17:06	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 17:06	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 17:06	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 17:06	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 17:06	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 17:06	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/19/23 17:06	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 17:06	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 17:06	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 17:06	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 17:06	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 17:06	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 17:06	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 17:06	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 17:06	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 17:06	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/19/23 17:06	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 17:06	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/19/23 17:06	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 17:06	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/19/23 17:06	1
Acetone	<1.7	^c	10	1.7	ug/L			10/19/23 17:06	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 17:06	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 17:06	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 17:06	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 17:06	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/19/23 17:06	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/19/23 17:06	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 17:06	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 17:06	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 17:06	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 17:06	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 17:06	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 17:06	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 17:06	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 17:06	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 17:06	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 17:06	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 17:06	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 17:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 17:06	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/19/23 17:06	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 17:06	1

Client Sample ID: MP-15 (177-187)-202310
Date Collected: 10/10/23 11:40
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-11
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 17:06	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 17:06	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 17:06	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/19/23 17:06	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 17:06	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 17:06	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 17:06	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 17:06	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 17:06	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 17:06	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 17:06	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 17:06	1
Tetrachloroethene	**4.0**		1.0	0.37	ug/L			10/19/23 17:06	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 17:06	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 17:06	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 17:06	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 17:06	1
Trichloroethene	**0.25**	**J**	0.50	0.16	ug/L			10/19/23 17:06	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 17:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 17:06	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*10/19/23 17:06*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/19/23 17:06*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*10/19/23 17:06*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/19/23 17:06*	*1*

Client Sample ID: MP-15 (142-146)-202310
Date Collected: 10/10/23 12:05
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-12
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.92		2.0	0.92	ug/L			10/19/23 17:55	2
1,1,1-Trichloroethane	<0.76		2.0	0.76	ug/L			10/19/23 17:55	2
1,1,2,2-Tetrachloroethane	<0.80		2.0	0.80	ug/L			10/19/23 17:55	2
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.92		2.0	0.92	ug/L			10/19/23 17:55	2
1,1,2-Trichloroethane	<0.70		2.0	0.70	ug/L			10/19/23 17:55	2
1,1-Dichloroethane	<0.82		2.0	0.82	ug/L			10/19/23 17:55	2
1,1-Dichloroethene	<0.78		2.0	0.78	ug/L			10/19/23 17:55	2
1,1-Dichloropropene	<0.59		2.0	0.59	ug/L			10/19/23 17:55	2
1,2,3-Trichlorobenzene	<0.92		2.0	0.92	ug/L			10/19/23 17:55	2
1,2,3-Trichloropropane	<0.83		4.0	0.83	ug/L			10/19/23 17:55	2
1,2,4-Trichlorobenzene	<0.68		2.0	0.68	ug/L			10/19/23 17:55	2
1,2,4-Trimethylbenzene	<0.72		2.0	0.72	ug/L			10/19/23 17:55	2
1,2-Dibromo-3-Chloropropane	<4.0	^c	10	4.0	ug/L			10/19/23 17:55	2
1,2-Dibromoethane	<0.77		2.0	0.77	ug/L			10/19/23 17:55	2
1,2-Dichlorobenzene	<0.67		2.0	0.67	ug/L			10/19/23 17:55	2
1,2-Dichloroethane	<0.78		2.0	0.78	ug/L			10/19/23 17:55	2
1,2-Dichloropropane	<0.86		2.0	0.86	ug/L			10/19/23 17:55	2
1,3,5-Trimethylbenzene	<0.51		2.0	0.51	ug/L			10/19/23 17:55	2
1,3-Dichlorobenzene	<0.80		2.0	0.80	ug/L			10/19/23 17:55	2
1,3-Dichloropropane	<0.72		2.0	0.72	ug/L			10/19/23 17:55	2
1,4-Dichlorobenzene	<0.73		2.0	0.73	ug/L			10/19/23 17:55	2
2,2-Dichloropropane	<0.89		10	0.89	ug/L			10/19/23 17:55	2
2-Butanone (MEK)	<4.2	^c	10	4.2	ug/L			10/19/23 17:55	2
2-Chlorotoluene	<0.63		2.0	0.63	ug/L			10/19/23 17:55	2
2-Hexanone	<3.1	^c	10	3.1	ug/L			10/19/23 17:55	2
4-Chlorotoluene	<0.70		2.0	0.70	ug/L			10/19/23 17:55	2
4-Methyl-2-pentanone (MIBK)	<4.3	^c	10	4.3	ug/L			10/19/23 17:55	2
Acetone	<3.5	^c	20	3.5	ug/L			10/19/23 17:55	2
Benzene	<0.29		1.0	0.29	ug/L			10/19/23 17:55	2
Bromobenzene	<0.71		2.0	0.71	ug/L			10/19/23 17:55	2
Bromochloromethane	<0.86		2.0	0.86	ug/L			10/19/23 17:55	2
Bromodichloromethane	<0.74		2.0	0.74	ug/L			10/19/23 17:55	2
Bromoform	<0.97	^c	2.0	0.97	ug/L			10/19/23 17:55	2
Bromomethane	<1.6	^c	6.0	1.6	ug/L			10/19/23 17:55	2
Carbon disulfide	<0.90		4.0	0.90	ug/L			10/19/23 17:55	2
Carbon tetrachloride	<0.77		2.0	0.77	ug/L			10/19/23 17:55	2
Chlorobenzene	<0.77		2.0	0.77	ug/L			10/19/23 17:55	2
Chloroethane	<1.0		10	1.0	ug/L			10/19/23 17:55	2
Chloroform	<0.74		4.0	0.74	ug/L			10/19/23 17:55	2
Chloromethane	<0.64		10	0.64	ug/L			10/19/23 17:55	2
cis-1,2-Dichloroethene	**89**		2.0	0.82	ug/L			10/19/23 17:55	2
cis-1,3-Dichloropropene	<0.83		2.0	0.83	ug/L			10/19/23 17:55	2
Dibromochloromethane	<0.98		2.0	0.98	ug/L			10/19/23 17:55	2
Dibromomethane	<0.54		2.0	0.54	ug/L			10/19/23 17:55	2
Dichlorodifluoromethane	<1.3		6.0	1.3	ug/L			10/19/23 17:55	2
Diisopropyl ether	<0.55		2.0	0.55	ug/L			10/19/23 17:55	2
Ethylbenzene	<0.37		1.0	0.37	ug/L			10/19/23 17:55	2
Hexachlorobutadiene	<0.89	^c	2.0	0.89	ug/L			10/19/23 17:55	2
Isopropylbenzene	<0.77		2.0	0.77	ug/L			10/19/23 17:55	2

Client Sample ID: MP-15 (142-146)-202310
Date Collected: 10/10/23 12:05
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-12
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.36		2.0	0.36	ug/L			10/19/23 17:55	2
Methyl tert-butyl ether	<0.79		2.0	0.79	ug/L			10/19/23 17:55	2
Methylene Chloride	<3.3		10	3.3	ug/L			10/19/23 17:55	2
Naphthalene	<0.67	^c	2.0	0.67	ug/L			10/19/23 17:55	2
n-Butylbenzene	<0.78		2.0	0.78	ug/L			10/19/23 17:55	2
n-Hexane	<0.98		2.0	0.98	ug/L			10/19/23 17:55	2
N-Propylbenzene	<0.83		2.0	0.83	ug/L			10/19/23 17:55	2
o-Xylene	<0.44		1.0	0.44	ug/L			10/19/23 17:55	2
p-Isopropyltoluene	<0.72		2.0	0.72	ug/L			10/19/23 17:55	2
sec-Butylbenzene	<0.80		2.0	0.80	ug/L			10/19/23 17:55	2
Styrene	<0.77		2.0	0.77	ug/L			10/19/23 17:55	2
tert-Butylbenzene	<0.80		2.0	0.80	ug/L			10/19/23 17:55	2
Tetrahydrofuran	<3.8		20	3.8	ug/L			10/19/23 17:55	2
Toluene	<0.30		1.0	0.30	ug/L			10/19/23 17:55	2
trans-1,2-Dichloroethene	<0.70		2.0	0.70	ug/L			10/19/23 17:55	2
trans-1,3-Dichloropropene	<0.72		2.0	0.72	ug/L			10/19/23 17:55	2
Trichloroethene	**120**		1.0	0.33	ug/L			10/19/23 17:55	2
Trichlorofluoromethane	<0.85		2.0	0.85	ug/L			10/19/23 17:55	2
Vinyl chloride	<0.41		2.0	0.41	ug/L			10/19/23 17:55	2
Xylenes, Total	<0.44		2.0	0.44	ug/L			10/19/23 17:55	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*10/19/23 17:55*	*2*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/19/23 17:55*	*2*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*10/19/23 17:55*	*2*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/19/23 17:55*	*2*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1700**		20	7.4	ug/L			10/19/23 17:31	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/19/23 17:31*	*20*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/19/23 17:31*	*20*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*10/19/23 17:31*	*20*
Toluene-d8 (Surr)	*98*		*75 - 120*		*10/19/23 17:31*	*20*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-15 (120-125)-202310
Date Collected: 10/10/23 12:25
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-13
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 12:53	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 12:53	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 12:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 12:53	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 12:53	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 12:53	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 12:53	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 12:53	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 12:53	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 12:53	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 12:53	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 12:53	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 12:53	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 12:53	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 12:53	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 12:53	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 12:53	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 12:53	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 12:53	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 12:53	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 12:53	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 12:53	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 12:53	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 12:53	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 12:53	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 12:53	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 12:53	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 12:53	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 12:53	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 12:53	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 12:53	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 12:53	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 12:53	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 12:53	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 12:53	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 12:53	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 12:53	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 12:53	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 12:53	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 12:53	1
cis-1,2-Dichloroethene	**38**		1.0	0.41	ug/L			10/19/23 12:53	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 12:53	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 12:53	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 12:53	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 12:53	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 12:53	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 12:53	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 12:53	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 12:53	1

Client Sample ID: MP-15 (120-125)-202310
Date Collected: 10/10/23 12:25
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-13
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 12:53	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 12:53	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 12:53	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 12:53	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 12:53	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 12:53	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 12:53	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 12:53	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 12:53	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 12:53	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 12:53	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 12:53	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 12:53	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 12:53	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 12:53	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 12:53	1
Trichloroethene	**67**		0.50	0.16	ug/L			10/19/23 12:53	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 12:53	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 12:53	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*10/19/23 12:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*10/19/23 12:53*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*10/19/23 12:53*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*10/19/23 12:53*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**810**		20	7.4	ug/L			10/19/23 13:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*10/19/23 13:15*	*20*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*		*10/19/23 13:15*	*20*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*10/19/23 13:15*	*20*
Toluene-d8 (Surr)	*98*		*75 - 120*		*10/19/23 13:15*	*20*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-15 (100-105)-202310
Date Collected: 10/10/23 12:50
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-14
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 13:38	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 13:38	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 13:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 13:38	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 13:38	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 13:38	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 13:38	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 13:38	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 13:38	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 13:38	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 13:38	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 13:38	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 13:38	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 13:38	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 13:38	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 13:38	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 13:38	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 13:38	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 13:38	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 13:38	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 13:38	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 13:38	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 13:38	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 13:38	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 13:38	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 13:38	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 13:38	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 13:38	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 13:38	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 13:38	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 13:38	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 13:38	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 13:38	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 13:38	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 13:38	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 13:38	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 13:38	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 13:38	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 13:38	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 13:38	1
cis-1,2-Dichloroethene	**30**		1.0	0.41	ug/L			10/19/23 13:38	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 13:38	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 13:38	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 13:38	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 13:38	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 13:38	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 13:38	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 13:38	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 13:38	1

Client Sample ID: MP-15 (100-105)-202310
Date Collected: 10/10/23 12:50
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-14
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 13:38	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 13:38	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 13:38	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 13:38	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 13:38	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 13:38	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 13:38	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 13:38	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 13:38	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 13:38	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 13:38	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 13:38	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 13:38	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 13:38	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 13:38	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 13:38	1
Trichloroethene	**55**		0.50	0.16	ug/L			10/19/23 13:38	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 13:38	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 13:38	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*		*10/19/23 13:38*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*10/19/23 13:38*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*10/19/23 13:38*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*10/19/23 13:38*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**580**		20	7.4	ug/L			10/19/23 14:01	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 126*		*10/19/23 14:01*	*20*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*10/19/23 14:01*	*20*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*10/19/23 14:01*	*20*
Toluene-d8 (Surr)	*97*		*75 - 120*		*10/19/23 14:01*	*20*

Client Sample ID: MP-15 (088-092)-202310
Date Collected: 10/10/23 13:20
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-15
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 14:24	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 14:24	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 14:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 14:24	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 14:24	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 14:24	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 14:24	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 14:24	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 14:24	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 14:24	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 14:24	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 14:24	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 14:24	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 14:24	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 14:24	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 14:24	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 14:24	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 14:24	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 14:24	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 14:24	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 14:24	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 14:24	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 14:24	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 14:24	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 14:24	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 14:24	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 14:24	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 14:24	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 14:24	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 14:24	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 14:24	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 14:24	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 14:24	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 14:24	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 14:24	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 14:24	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 14:24	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 14:24	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 14:24	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 14:24	1
cis-1,2-Dichloroethene	**27**		1.0	0.41	ug/L			10/19/23 14:24	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 14:24	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 14:24	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 14:24	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 14:24	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 14:24	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 14:24	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 14:24	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 14:24	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-15 (088-092)-202310
Date Collected: 10/10/23 13:20
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-15
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 14:24	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 14:24	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 14:24	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 14:24	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 14:24	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 14:24	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 14:24	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 14:24	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 14:24	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 14:24	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 14:24	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 14:24	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 14:24	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 14:24	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 14:24	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 14:24	1
Trichloroethene	**22**		0.50	0.16	ug/L			10/19/23 14:24	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 14:24	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 14:24	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*		*10/19/23 14:24*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*10/19/23 14:24*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 120*		*10/19/23 14:24*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*10/19/23 14:24*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**290**		10	3.7	ug/L			10/20/23 13:55	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*10/20/23 13:55*	*10*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*10/20/23 13:55*	*10*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*10/20/23 13:55*	*10*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/20/23 13:55*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-16 (175-179)-202310
Date Collected: 10/10/23 16:50
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-16
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 14:46	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 14:46	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 14:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 14:46	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 14:46	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 14:46	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 14:46	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 14:46	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 14:46	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 14:46	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 14:46	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 14:46	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 14:46	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 14:46	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 14:46	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 14:46	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 14:46	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 14:46	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 14:46	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 14:46	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 14:46	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 14:46	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 14:46	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 14:46	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 14:46	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 14:46	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 14:46	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 14:46	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 14:46	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 14:46	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 14:46	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 14:46	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 14:46	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 14:46	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 14:46	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 14:46	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 14:46	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 14:46	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 14:46	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 14:46	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 14:46	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 14:46	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 14:46	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 14:46	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 14:46	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 14:46	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 14:46	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 14:46	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 14:46	1

Client Sample ID: MP-16 (175-179)-202310
Date Collected: 10/10/23 16:50
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-16
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 14:46	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 14:46	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 14:46	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 14:46	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 14:46	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 14:46	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 14:46	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 14:46	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 14:46	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 14:46	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 14:46	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 14:46	1
Tetrachloroethene	**3.7**		1.0	0.37	ug/L			10/19/23 14:46	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 14:46	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 14:46	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 14:46	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 14:46	1
Trichloroethene	**0.58**		0.50	0.16	ug/L			10/19/23 14:46	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 14:46	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 14:46	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*		*10/19/23 14:46*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*10/19/23 14:46*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*10/19/23 14:46*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*10/19/23 14:46*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-16 (140-144)-202310
Date Collected: 10/10/23 17:05
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-17
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 15:09	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 15:09	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 15:09	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 15:09	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 15:09	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 15:09	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 15:09	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 15:09	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 15:09	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 15:09	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:09	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 15:09	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 15:09	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 15:09	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 15:09	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 15:09	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 15:09	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:09	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 15:09	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:09	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 15:09	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 15:09	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 15:09	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 15:09	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 15:09	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 15:09	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 15:09	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 15:09	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:09	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 15:09	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 15:09	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 15:09	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 15:09	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 15:09	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 15:09	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:09	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 15:09	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 15:09	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 15:09	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.41	ug/L			10/19/23 15:09	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 15:09	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 15:09	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 15:09	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 15:09	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 15:09	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 15:09	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 15:09	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:09	1

Client Sample ID: MP-16 (140-144)-202310
Date Collected: 10/10/23 17:05
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-17
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 15:09	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 15:09	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 15:09	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 15:09	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:09	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 15:09	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 15:09	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 15:09	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 15:09	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:09	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 15:09	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:09	1
Tetrachloroethene	**52**		1.0	0.37	ug/L			10/19/23 15:09	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 15:09	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 15:09	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 15:09	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 15:09	1
Trichloroethene	**9.3**		0.50	0.16	ug/L			10/19/23 15:09	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 15:09	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 15:09	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 126*		*10/19/23 15:09*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*10/19/23 15:09*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 120*		*10/19/23 15:09*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*10/19/23 15:09*	*1*

Client Sample ID: MP-16 (106-116)-202310
Date Collected: 10/10/23 17:20
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-18
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 15:32	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 15:32	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 15:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 15:32	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 15:32	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 15:32	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 15:32	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 15:32	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 15:32	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 15:32	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 15:32	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:32	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 15:32	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 15:32	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 15:32	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 15:32	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 15:32	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 15:32	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:32	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 15:32	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:32	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 15:32	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 15:32	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 15:32	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 15:32	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 15:32	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 15:32	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 15:32	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 15:32	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:32	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 15:32	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 15:32	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 15:32	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 15:32	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 15:32	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 15:32	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:32	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 15:32	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 15:32	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 15:32	1
cis-1,2-Dichloroethene	**3.6**		1.0	0.41	ug/L			10/19/23 15:32	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 15:32	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 15:32	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 15:32	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 15:32	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 15:32	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 15:32	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 15:32	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:32	1

Client Sample ID: MP-16 (106-116)-202310
Date Collected: 10/10/23 17:20
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-18
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 15:32	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 15:32	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 15:32	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 15:32	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:32	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 15:32	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 15:32	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 15:32	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 15:32	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:32	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 15:32	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:32	1
Tetrachloroethene	**45**		1.0	0.37	ug/L			10/19/23 15:32	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 15:32	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 15:32	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 15:32	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 15:32	1
Trichloroethene	**6.1**		0.50	0.16	ug/L			10/19/23 15:32	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 15:32	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 15:32	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*		*10/19/23 15:32*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*10/19/23 15:32*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*10/19/23 15:32*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*10/19/23 15:32*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-4D2-202310
Date Collected: 10/12/23 14:11
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-19
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 15:55	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 15:55	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 15:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 15:55	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 15:55	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 15:55	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 15:55	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 15:55	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 15:55	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 15:55	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 15:55	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:55	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 15:55	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 15:55	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 15:55	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 15:55	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 15:55	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 15:55	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:55	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 15:55	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:55	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 15:55	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 15:55	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 15:55	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 15:55	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 15:55	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 15:55	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 15:55	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 15:55	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 15:55	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 15:55	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 15:55	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 15:55	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 15:55	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 15:55	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 15:55	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:55	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 15:55	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 15:55	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 15:55	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 15:55	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 15:55	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 15:55	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 15:55	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 15:55	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 15:55	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 15:55	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 15:55	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:55	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-4D2-202310
Date Collected: 10/12/23 14:11
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-19
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 15:55	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 15:55	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 15:55	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 15:55	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 15:55	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 15:55	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 15:55	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 15:55	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 15:55	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:55	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 15:55	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 15:55	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/19/23 15:55	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 15:55	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 15:55	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 15:55	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 15:55	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/19/23 15:55	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 15:55	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 15:55	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*		*10/19/23 15:55*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*10/19/23 15:55*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 120*		*10/19/23 15:55*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/19/23 15:55*	*1*

Client Sample ID: MW-5D-202310
Date Collected: 10/11/23 15:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-20
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 16:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 16:18	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 16:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 16:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 16:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 16:18	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 16:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 16:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 16:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 16:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 16:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 16:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 16:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 16:18	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 16:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 16:18	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 16:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 16:18	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 16:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 16:18	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 16:18	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 16:18	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 16:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 16:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 16:18	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 16:18	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 16:18	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 16:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 16:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 16:18	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 16:18	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 16:18	1
cis-1,2-Dichloroethene	**3.0**		1.0	0.41	ug/L			10/19/23 16:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 16:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 16:18	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 16:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 16:18	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 16:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 16:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 16:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1

Client Sample ID: MW-5D-202310
Date Collected: 10/11/23 15:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-20
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 16:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 16:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 16:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 16:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 16:18	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 16:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 16:18	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 16:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 16:18	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 16:18	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 16:18	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 16:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 16:18	1
Trichloroethene	**3.8**		0.50	0.16	ug/L			10/19/23 16:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 16:18	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 16:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*75 - 126*		*10/19/23 16:18*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*10/19/23 16:18*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 120*		*10/19/23 16:18*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/19/23 16:18*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**290**		10	3.7	ug/L			10/20/23 14:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*75 - 126*		*10/20/23 14:20*	*10*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*10/20/23 14:20*	*10*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*10/20/23 14:20*	*10*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/20/23 14:20*	*10*

Client Sample ID: MW-5D2-202310
Date Collected: 10/11/23 15:48
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-21
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<4.6		10	4.6	ug/L			10/19/23 16:41	10
1,1,1-Trichloroethane	<3.8		10	3.8	ug/L			10/19/23 16:41	10
1,1,2,2-Tetrachloroethane	<4.0		10	4.0	ug/L			10/19/23 16:41	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<4.6		10	4.6	ug/L			10/19/23 16:41	10
1,1,2-Trichloroethane	<3.5		10	3.5	ug/L			10/19/23 16:41	10
1,1-Dichloroethane	<4.1		10	4.1	ug/L			10/19/23 16:41	10
1,1-Dichloroethene	<3.9		10	3.9	ug/L			10/19/23 16:41	10
1,1-Dichloropropene	<3.0		10	3.0	ug/L			10/19/23 16:41	10
1,2,3-Trichlorobenzene	<4.6		10	4.6	ug/L			10/19/23 16:41	10
1,2,3-Trichloropropane	<4.1		20	4.1	ug/L			10/19/23 16:41	10
1,2,4-Trichlorobenzene	<3.4		10	3.4	ug/L			10/19/23 16:41	10
1,2,4-Trimethylbenzene	<3.6		10	3.6	ug/L			10/19/23 16:41	10
1,2-Dibromo-3-Chloropropane	<20		50	20	ug/L			10/19/23 16:41	10
1,2-Dibromoethane	<3.9		10	3.9	ug/L			10/19/23 16:41	10
1,2-Dichlorobenzene	<3.3		10	3.3	ug/L			10/19/23 16:41	10
1,2-Dichloroethane	<3.9		10	3.9	ug/L			10/19/23 16:41	10
1,2-Dichloropropane	<4.3		10	4.3	ug/L			10/19/23 16:41	10
1,3,5-Trimethylbenzene	<2.5		10	2.5	ug/L			10/19/23 16:41	10
1,3-Dichlorobenzene	<4.0		10	4.0	ug/L			10/19/23 16:41	10
1,3-Dichloropropane	<3.6		10	3.6	ug/L			10/19/23 16:41	10
1,4-Dichlorobenzene	<3.6		10	3.6	ug/L			10/19/23 16:41	10
2,2-Dichloropropane	<4.4		50	4.4	ug/L			10/19/23 16:41	10
2-Butanone (MEK)	<21		50	21	ug/L			10/19/23 16:41	10
2-Chlorotoluene	<3.1		10	3.1	ug/L			10/19/23 16:41	10
2-Hexanone	<16		50	16	ug/L			10/19/23 16:41	10
4-Chlorotoluene	<3.5		10	3.5	ug/L			10/19/23 16:41	10
4-Methyl-2-pentanone (MIBK)	<22		50	22	ug/L			10/19/23 16:41	10
Acetone	<17		100	17	ug/L			10/19/23 16:41	10
Benzene	<1.5		5.0	1.5	ug/L			10/19/23 16:41	10
Bromobenzene	<3.6		10	3.6	ug/L			10/19/23 16:41	10
Bromochloromethane	<4.3		10	4.3	ug/L			10/19/23 16:41	10
Bromodichloromethane	<3.7		10	3.7	ug/L			10/19/23 16:41	10
Bromoform	<4.8		10	4.8	ug/L			10/19/23 16:41	10
Bromomethane	<8.0		30	8.0	ug/L			10/19/23 16:41	10
Carbon disulfide	<4.5		20	4.5	ug/L			10/19/23 16:41	10
Carbon tetrachloride	<3.8		10	3.8	ug/L			10/19/23 16:41	10
Chlorobenzene	<3.9		10	3.9	ug/L			10/19/23 16:41	10
Chloroethane	<5.1		50	5.1	ug/L			10/19/23 16:41	10
Chloroform	<3.7		20	3.7	ug/L			10/19/23 16:41	10
Chloromethane	<3.2		50	3.2	ug/L			10/19/23 16:41	10
cis-1,2-Dichloroethene	**17**		10	4.1	ug/L			10/19/23 16:41	10
cis-1,3-Dichloropropene	<4.2		10	4.2	ug/L			10/19/23 16:41	10
Dibromochloromethane	<4.9		10	4.9	ug/L			10/19/23 16:41	10
Dibromomethane	<2.7		10	2.7	ug/L			10/19/23 16:41	10
Dichlorodifluoromethane	<6.7		30	6.7	ug/L			10/19/23 16:41	10
Diisopropyl ether	<2.8		10	2.8	ug/L			10/19/23 16:41	10
Ethylbenzene	<1.8		5.0	1.8	ug/L			10/19/23 16:41	10
Hexachlorobutadiene	<4.5		10	4.5	ug/L			10/19/23 16:41	10
Isopropylbenzene	<3.9		10	3.9	ug/L			10/19/23 16:41	10

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-5D2-202310
Date Collected: 10/11/23 15:48
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-21
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<1.8		10	1.8	ug/L			10/19/23 16:41	10
Methyl tert-butyl ether	<3.9		10	3.9	ug/L			10/19/23 16:41	10
Methylene Chloride	<16		50	16	ug/L			10/19/23 16:41	10
Naphthalene	<3.4		10	3.4	ug/L			10/19/23 16:41	10
n-Butylbenzene	<3.9		10	3.9	ug/L			10/19/23 16:41	10
n-Hexane	<4.9		10	4.9	ug/L			10/19/23 16:41	10
N-Propylbenzene	<4.1		10	4.1	ug/L			10/19/23 16:41	10
o-Xylene	<2.2		5.0	2.2	ug/L			10/19/23 16:41	10
p-Isopropyltoluene	<3.6		10	3.6	ug/L			10/19/23 16:41	10
sec-Butylbenzene	<4.0		10	4.0	ug/L			10/19/23 16:41	10
Styrene	<3.9		10	3.9	ug/L			10/19/23 16:41	10
tert-Butylbenzene	<4.0		10	4.0	ug/L			10/19/23 16:41	10
Tetrahydrofuran	<19		100	19	ug/L			10/19/23 16:41	10
Toluene	<1.5		5.0	1.5	ug/L			10/19/23 16:41	10
trans-1,2-Dichloroethene	<3.5		10	3.5	ug/L			10/19/23 16:41	10
trans-1,3-Dichloropropene	<3.6		10	3.6	ug/L			10/19/23 16:41	10
Trichloroethene	**50**		5.0	1.6	ug/L			10/19/23 16:41	10
Trichlorofluoromethane	<4.3		10	4.3	ug/L			10/19/23 16:41	10
Vinyl chloride	<2.0		10	2.0	ug/L			10/19/23 16:41	10
Xylenes, Total	<2.2		10	2.2	ug/L			10/19/23 16:41	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*75 - 126*		*10/19/23 16:41*	*10*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*10/19/23 16:41*	*10*
Dibromofluoromethane (Surr)	*114*		*75 - 120*		*10/19/23 16:41*	*10*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/19/23 16:41*	*10*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**4700**		100	37	ug/L			10/19/23 17:04	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*75 - 126*		*10/19/23 17:04*	*100*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*10/19/23 17:04*	*100*
Dibromofluoromethane (Surr)	*116*		*75 - 120*		*10/19/23 17:04*	*100*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/19/23 17:04*	*100*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-5D3-202310
Date Collected: 10/11/23 16:31
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-22
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 19:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 19:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 19:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 19:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 19:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 19:22	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 19:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 19:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 19:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 19:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 19:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 19:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 19:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 19:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 19:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 19:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 19:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 19:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 19:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 19:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 19:22	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 19:22	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 19:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 19:22	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 19:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 19:22	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 19:22	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 19:22	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 19:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 19:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 19:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 19:22	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 19:22	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 19:22	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 19:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 19:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 19:22	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 19:22	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 19:22	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 19:22	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 19:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 19:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 19:22	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 19:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 19:22	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 19:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 19:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 19:22	1
Isopropylbenzene	<0.39	F1	1.0	0.39	ug/L			10/19/23 19:22	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-5D3-202310
Date Collected: 10/11/23 16:31
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-22
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 19:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 19:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 19:22	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 19:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 19:22	1
n-Hexane	<0.49	F1	1.0	0.49	ug/L			10/19/23 19:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 19:22	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 19:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 19:22	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 19:22	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 19:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 19:22	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/19/23 19:22	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 19:22	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 19:22	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 19:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 19:22	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/19/23 19:22	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 19:22	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 19:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 126*		*10/19/23 19:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*		*10/19/23 19:22*	*1*
Dibromofluoromethane (Surr)	*114*		*75 - 120*		*10/19/23 19:22*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/19/23 19:22*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-5S-202310
Date Collected: 10/11/23 15:07
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-23
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 17:27	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 17:27	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 17:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 17:27	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 17:27	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 17:27	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 17:27	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 17:27	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 17:27	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 17:27	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 17:27	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 17:27	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 17:27	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 17:27	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 17:27	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 17:27	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 17:27	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 17:27	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 17:27	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 17:27	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 17:27	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 17:27	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 17:27	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 17:27	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 17:27	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 17:27	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 17:27	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 17:27	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 17:27	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 17:27	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 17:27	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 17:27	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 17:27	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 17:27	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 17:27	1
Carbon tetrachloride	**1.0**		1.0	0.38	ug/L			10/19/23 17:27	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 17:27	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 17:27	1
Chloroform	**0.79**	**J**	2.0	0.37	ug/L			10/19/23 17:27	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 17:27	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 17:27	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 17:27	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 17:27	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 17:27	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 17:27	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 17:27	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 17:27	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 17:27	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 17:27	1

Client Sample ID: MW-5S-202310

Date Collected: 10/11/23 15:07
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-23

Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 17:27	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 17:27	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 17:27	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 17:27	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 17:27	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 17:27	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 17:27	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 17:27	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 17:27	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 17:27	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 17:27	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 17:27	1
Tetrachloroethene	**37**		1.0	0.37	ug/L			10/19/23 17:27	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 17:27	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 17:27	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 17:27	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 17:27	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/19/23 17:27	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 17:27	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 17:27	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*75 - 126*		*10/19/23 17:27*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*10/19/23 17:27*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 120*		*10/19/23 17:27*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/19/23 17:27*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0050		0.011	0.0050	ug/L		10/17/23 22:15	10/20/23 04:46	1
PCB-1221	<0.0060		0.011	0.0060	ug/L		10/17/23 22:15	10/20/23 04:46	1
PCB-1232	<0.0055		0.011	0.0055	ug/L		10/17/23 22:15	10/20/23 04:46	1
PCB-1242	<0.0037		0.011	0.0037	ug/L		10/17/23 22:15	10/20/23 04:46	1
PCB-1248	<0.0084		0.011	0.0084	ug/L		10/17/23 22:15	10/20/23 04:46	1
PCB-1254	<0.0048		0.011	0.0048	ug/L		10/17/23 22:15	10/20/23 04:46	1
PCB-1260	<0.0041		0.011	0.0041	ug/L		10/17/23 22:15	10/20/23 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*127*		*48 - 129*	*10/17/23 22:15*	*10/20/23 04:46*	*1*
Tetrachloro-m-xylene (Surr)	*112*		*36 - 117*	*10/17/23 22:15*	*10/20/23 04:46*	*1*

General Chemistry

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**596**		10.0	4.3	mg/L			10/17/23 00:19	1
Total Suspended Solids (SM 2540D)	<1.9		5.0	1.9	mg/L			10/18/23 11:14	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-6D-202310
Date Collected: 10/12/23 10:23
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-24
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 17:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 17:50	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 17:50	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 17:50	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 17:50	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 17:50	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 17:50	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 17:50	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 17:50	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 17:50	1
1,2,4-Trimethylbenzene	**2.9**		1.0	0.36	ug/L			10/19/23 17:50	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 17:50	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 17:50	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 17:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 17:50	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 17:50	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 17:50	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 17:50	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 17:50	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 17:50	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 17:50	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 17:50	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 17:50	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 17:50	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 17:50	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 17:50	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 17:50	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 17:50	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 17:50	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 17:50	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 17:50	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 17:50	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 17:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 17:50	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 17:50	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 17:50	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 17:50	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 17:50	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 17:50	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 17:50	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 17:50	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 17:50	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 17:50	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 17:50	1
Ethylbenzene	**14**		0.50	0.18	ug/L			10/19/23 17:50	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 17:50	1
Isopropylbenzene	**19**		1.0	0.39	ug/L			10/19/23 17:50	1
m-Xylene & p-Xylene	**8.1**		1.0	0.18	ug/L			10/19/23 17:50	1

Client Sample ID: MW-6D-202310
Date Collected: 10/12/23 10:23
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-24
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 17:50	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 17:50	1
Naphthalene	**5.0**		1.0	0.34	ug/L			10/19/23 17:50	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 17:50	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 17:50	1
N-Propylbenzene	**7.4**		1.0	0.41	ug/L			10/19/23 17:50	1
o-Xylene	**0.59**		0.50	0.22	ug/L			10/19/23 17:50	1
p-Isopropyltoluene	**1.5**		1.0	0.36	ug/L			10/19/23 17:50	1
sec-Butylbenzene	**2.7**		1.0	0.40	ug/L			10/19/23 17:50	1
Styrene	**0.91**	**J**	1.0	0.39	ug/L			10/19/23 17:50	1
tert-Butylbenzene	**0.46**	**J**	1.0	0.40	ug/L			10/19/23 17:50	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/19/23 17:50	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 17:50	1
Toluene	**14**		0.50	0.15	ug/L			10/19/23 17:50	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 17:50	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 17:50	1
Trichloroethene	**6.3**		0.50	0.16	ug/L			10/19/23 17:50	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 17:50	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 17:50	1
Xylenes, Total	**8.7**		1.0	0.22	ug/L			10/19/23 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*		*10/19/23 17:50*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*10/19/23 17:50*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*10/19/23 17:50*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*10/19/23 17:50*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**340**		5.0	1.5	ug/L			10/19/23 18:13	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*10/19/23 18:13*	*10*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*10/19/23 18:13*	*10*
Dibromofluoromethane (Surr)	*110*		*75 - 120*		*10/19/23 18:13*	*10*
Toluene-d8 (Surr)	*99*		*75 - 120*		*10/19/23 18:13*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-6S-202310
Date Collected: 10/12/23 11:29
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-25
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 18:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 18:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 18:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 18:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 18:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 18:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 18:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 18:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 18:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 18:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 18:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 18:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 18:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 18:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 18:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 18:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 18:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 18:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 18:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 18:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 18:36	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 18:36	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 18:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 18:36	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 18:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 18:36	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 18:36	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 18:36	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 18:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 18:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 18:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 18:36	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 18:36	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 18:36	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 18:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 18:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 18:36	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 18:36	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 18:36	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 18:36	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 18:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 18:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 18:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 18:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 18:36	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 18:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 18:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 18:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 18:36	1

Client Sample ID: MW-6S-202310
Date Collected: 10/12/23 11:29
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-25
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 18:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 18:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 18:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 18:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 18:36	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 18:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 18:36	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 18:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 18:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 18:36	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 18:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 18:36	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/19/23 18:36	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 18:36	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 18:36	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 18:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 18:36	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/19/23 18:36	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 18:36	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 18:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 126*		*10/19/23 18:36*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*10/19/23 18:36*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 120*		*10/19/23 18:36*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/19/23 18:36*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-9D-202310
Date Collected: 10/12/23 15:47
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-26
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 18:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 18:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 18:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 18:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 18:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 18:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 18:59	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 18:59	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 18:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 18:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 18:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 18:59	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 18:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 18:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 18:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 18:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 18:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 18:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 18:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 18:59	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 18:59	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 18:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 18:59	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 18:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 18:59	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 18:59	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 18:59	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 18:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 18:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 18:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 18:59	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 18:59	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 18:59	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 18:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 18:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 18:59	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 18:59	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 18:59	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 18:59	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 18:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 18:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 18:59	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 18:59	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 18:59	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 18:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 18:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 18:59	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 18:59	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-9D-202310
Date Collected: 10/12/23 15:47
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-26
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 18:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 18:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 18:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 18:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 18:59	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 18:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 18:59	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 18:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 18:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 18:59	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 18:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 18:59	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/19/23 18:59	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 18:59	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 18:59	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 18:59	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 18:59	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/19/23 18:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 18:59	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 18:59	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*75 - 126*		*10/19/23 18:59*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*		*10/19/23 18:59*	*1*
Dibromofluoromethane (Surr)	*114*		*75 - 120*		*10/19/23 18:59*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/19/23 18:59*	*1*

Client Sample ID: MW-9D2-202310
Date Collected: 10/12/23 15:46
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-27
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/20/23 14:44	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/20/23 14:44	1
1,1,2,2-Tetrachloroethane	<0.40	^c	1.0	0.40	ug/L			10/20/23 14:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/20/23 14:44	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/20/23 14:44	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/20/23 14:44	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/20/23 14:44	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/20/23 14:44	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/20/23 14:44	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/20/23 14:44	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/20/23 14:44	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/20/23 14:44	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/20/23 14:44	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/20/23 14:44	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/20/23 14:44	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/20/23 14:44	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/20/23 14:44	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/20/23 14:44	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/20/23 14:44	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/20/23 14:44	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/20/23 14:44	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/20/23 14:44	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/20/23 14:44	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/20/23 14:44	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/20/23 14:44	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/20/23 14:44	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/20/23 14:44	1
Acetone	<1.7	^c	10	1.7	ug/L			10/20/23 14:44	1
Benzene	<0.15		0.50	0.15	ug/L			10/20/23 14:44	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/20/23 14:44	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/20/23 14:44	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/20/23 14:44	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/20/23 14:44	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/20/23 14:44	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/20/23 14:44	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/20/23 14:44	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/20/23 14:44	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/20/23 14:44	1
Chloroform	<0.37		2.0	0.37	ug/L			10/20/23 14:44	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/20/23 14:44	1
cis-1,2-Dichloroethene	**95**		1.0	0.41	ug/L			10/20/23 14:44	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/20/23 14:44	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/20/23 14:44	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/20/23 14:44	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/20/23 14:44	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/20/23 14:44	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/20/23 14:44	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/20/23 14:44	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 14:44	1

Client Sample ID: MW-9D2-202310
Date Collected: 10/12/23 15:46
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-27
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/20/23 14:44	1
Methyl tert-butyl ether	**6.3**		1.0	0.39	ug/L			10/20/23 14:44	1
Methylene Chloride	**2.4**	**J B**	5.0	1.6	ug/L			10/20/23 14:44	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/20/23 14:44	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 14:44	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/20/23 14:44	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/20/23 14:44	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/20/23 14:44	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/20/23 14:44	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 14:44	1
Styrene	<0.39		1.0	0.39	ug/L			10/20/23 14:44	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 14:44	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/20/23 14:44	1
Toluene	<0.15		0.50	0.15	ug/L			10/20/23 14:44	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/20/23 14:44	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/20/23 14:44	1
Trichloroethene	**53**		0.50	0.16	ug/L			10/20/23 14:44	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/20/23 14:44	1
Vinyl chloride	**0.91**	**J ^c**	1.0	0.20	ug/L			10/20/23 14:44	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/20/23 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*10/20/23 14:44*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*10/20/23 14:44*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*10/20/23 14:44*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/20/23 14:44*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**300**		10	3.7	ug/L			10/23/23 16:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*	*^c*	*75 - 126*		*10/23/23 16:21*	*10*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*10/23/23 16:21*	*10*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*10/23/23 16:21*	*10*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/23/23 16:21*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-17-202310
Date Collected: 10/12/23 10:17
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-28
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/20/23 15:08	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/20/23 15:08	1
1,1,2,2-Tetrachloroethane	<0.40	^c	1.0	0.40	ug/L			10/20/23 15:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/20/23 15:08	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/20/23 15:08	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/20/23 15:08	1
1,1-Dichloroethene	**0.54**	**J**	1.0	0.39	ug/L			10/20/23 15:08	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/20/23 15:08	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/20/23 15:08	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/20/23 15:08	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/20/23 15:08	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/20/23 15:08	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/20/23 15:08	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/20/23 15:08	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/20/23 15:08	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/20/23 15:08	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/20/23 15:08	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/20/23 15:08	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/20/23 15:08	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/20/23 15:08	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/20/23 15:08	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/20/23 15:08	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/20/23 15:08	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/20/23 15:08	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/20/23 15:08	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/20/23 15:08	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/20/23 15:08	1
Acetone	<1.7	^c	10	1.7	ug/L			10/20/23 15:08	1
Benzene	<0.15		0.50	0.15	ug/L			10/20/23 15:08	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/20/23 15:08	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/20/23 15:08	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/20/23 15:08	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/20/23 15:08	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/20/23 15:08	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/20/23 15:08	1
Carbon tetrachloride	**0.53**	**J**	1.0	0.38	ug/L			10/20/23 15:08	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/20/23 15:08	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/20/23 15:08	1
Chloroform	**0.67**	**J**	2.0	0.37	ug/L			10/20/23 15:08	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/20/23 15:08	1
cis-1,2-Dichloroethene	**8.0**		1.0	0.41	ug/L			10/20/23 15:08	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/20/23 15:08	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/20/23 15:08	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/20/23 15:08	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/20/23 15:08	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/20/23 15:08	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/20/23 15:08	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/20/23 15:08	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 15:08	1

Client Sample ID: MW-17-202310
Date Collected: 10/12/23 10:17
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-28
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/20/23 15:08	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/20/23 15:08	1
Methylene Chloride	**2.4**	**J B**	5.0	1.6	ug/L			10/20/23 15:08	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/20/23 15:08	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 15:08	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/20/23 15:08	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/20/23 15:08	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/20/23 15:08	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/20/23 15:08	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 15:08	1
Styrene	<0.39		1.0	0.39	ug/L			10/20/23 15:08	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 15:08	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/20/23 15:08	1
Toluene	<0.15		0.50	0.15	ug/L			10/20/23 15:08	1
trans-1,2-Dichloroethene	**0.51**	**J**	1.0	0.35	ug/L			10/20/23 15:08	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/20/23 15:08	1
Trichloroethene	**35**		0.50	0.16	ug/L			10/20/23 15:08	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/20/23 15:08	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/20/23 15:08	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/20/23 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*10/20/23 15:08*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*10/20/23 15:08*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 120*		*10/20/23 15:08*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*10/20/23 15:08*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**810**		10	3.7	ug/L			10/20/23 15:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*10/20/23 15:32*	*10*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*10/20/23 15:32*	*10*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*10/20/23 15:32*	*10*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/20/23 15:32*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-25D-202310
Date Collected: 10/11/23 12:04
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-29
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/20/23 15:57	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/20/23 15:57	1
1,1,2,2-Tetrachloroethane	<0.40	^c	1.0	0.40	ug/L			10/20/23 15:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/20/23 15:57	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/20/23 15:57	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/20/23 15:57	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/20/23 15:57	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/20/23 15:57	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/20/23 15:57	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/20/23 15:57	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/20/23 15:57	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/20/23 15:57	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/20/23 15:57	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/20/23 15:57	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/20/23 15:57	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/20/23 15:57	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/20/23 15:57	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/20/23 15:57	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/20/23 15:57	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/20/23 15:57	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/20/23 15:57	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/20/23 15:57	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/20/23 15:57	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/20/23 15:57	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/20/23 15:57	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/20/23 15:57	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/20/23 15:57	1
Acetone	<1.7	^c	10	1.7	ug/L			10/20/23 15:57	1
Benzene	<0.15		0.50	0.15	ug/L			10/20/23 15:57	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/20/23 15:57	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/20/23 15:57	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/20/23 15:57	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/20/23 15:57	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/20/23 15:57	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/20/23 15:57	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/20/23 15:57	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/20/23 15:57	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/20/23 15:57	1
Chloroform	<0.37		2.0	0.37	ug/L			10/20/23 15:57	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/20/23 15:57	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/20/23 15:57	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/20/23 15:57	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/20/23 15:57	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/20/23 15:57	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/20/23 15:57	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/20/23 15:57	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/20/23 15:57	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/20/23 15:57	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 15:57	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-25D-202310
Date Collected: 10/11/23 12:04
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-29
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/20/23 15:57	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/20/23 15:57	1
Methylene Chloride	**2.5**	**J B**	5.0	1.6	ug/L			10/20/23 15:57	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/20/23 15:57	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 15:57	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/20/23 15:57	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/20/23 15:57	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/20/23 15:57	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/20/23 15:57	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 15:57	1
Styrene	<0.39		1.0	0.39	ug/L			10/20/23 15:57	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 15:57	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/20/23 15:57	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/20/23 15:57	1
Toluene	<0.15		0.50	0.15	ug/L			10/20/23 15:57	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/20/23 15:57	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/20/23 15:57	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/20/23 15:57	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/20/23 15:57	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/20/23 15:57	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/20/23 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/20/23 15:57*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*10/20/23 15:57*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*10/20/23 15:57*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/20/23 15:57*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-25D2-202310
Date Collected: 10/11/23 11:03
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-30
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/20/23 16:21	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/20/23 16:21	1
1,1,2,2-Tetrachloroethane	<0.40	^c	1.0	0.40	ug/L			10/20/23 16:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/20/23 16:21	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/20/23 16:21	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/20/23 16:21	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/20/23 16:21	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/20/23 16:21	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/20/23 16:21	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/20/23 16:21	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/20/23 16:21	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/20/23 16:21	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/20/23 16:21	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/20/23 16:21	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/20/23 16:21	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/20/23 16:21	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/20/23 16:21	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/20/23 16:21	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/20/23 16:21	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/20/23 16:21	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/20/23 16:21	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/20/23 16:21	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/20/23 16:21	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/20/23 16:21	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/20/23 16:21	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/20/23 16:21	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/20/23 16:21	1
Acetone	<1.7	^c	10	1.7	ug/L			10/20/23 16:21	1
Benzene	<0.15		0.50	0.15	ug/L			10/20/23 16:21	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/20/23 16:21	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/20/23 16:21	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/20/23 16:21	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/20/23 16:21	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/20/23 16:21	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/20/23 16:21	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/20/23 16:21	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/20/23 16:21	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/20/23 16:21	1
Chloroform	<0.37		2.0	0.37	ug/L			10/20/23 16:21	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/20/23 16:21	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/20/23 16:21	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/20/23 16:21	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/20/23 16:21	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/20/23 16:21	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/20/23 16:21	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/20/23 16:21	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/20/23 16:21	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/20/23 16:21	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 16:21	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-25D2-202310
Date Collected: 10/11/23 11:03
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-30
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/20/23 16:21	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/20/23 16:21	1
Methylene Chloride	**2.3**	**J B**	5.0	1.6	ug/L			10/20/23 16:21	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/20/23 16:21	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 16:21	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/20/23 16:21	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/20/23 16:21	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/20/23 16:21	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/20/23 16:21	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 16:21	1
Styrene	<0.39		1.0	0.39	ug/L			10/20/23 16:21	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 16:21	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/20/23 16:21	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/20/23 16:21	1
Toluene	<0.15		0.50	0.15	ug/L			10/20/23 16:21	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/20/23 16:21	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/20/23 16:21	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/20/23 16:21	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/20/23 16:21	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/20/23 16:21	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/20/23 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*10/20/23 16:21*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*10/20/23 16:21*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 120*		*10/20/23 16:21*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/20/23 16:21*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-27D-202310
Date Collected: 10/11/23 13:47
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-31
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/20/23 16:46	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/20/23 16:46	1
1,1,2,2-Tetrachloroethane	<0.40	^c	1.0	0.40	ug/L			10/20/23 16:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/20/23 16:46	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/20/23 16:46	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/20/23 16:46	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/20/23 16:46	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/20/23 16:46	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/20/23 16:46	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/20/23 16:46	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/20/23 16:46	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/20/23 16:46	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/20/23 16:46	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/20/23 16:46	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/20/23 16:46	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/20/23 16:46	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/20/23 16:46	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/20/23 16:46	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/20/23 16:46	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/20/23 16:46	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/20/23 16:46	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/20/23 16:46	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/20/23 16:46	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/20/23 16:46	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/20/23 16:46	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/20/23 16:46	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/20/23 16:46	1
Acetone	<1.7	^c	10	1.7	ug/L			10/20/23 16:46	1
Benzene	<0.15		0.50	0.15	ug/L			10/20/23 16:46	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/20/23 16:46	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/20/23 16:46	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/20/23 16:46	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/20/23 16:46	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/20/23 16:46	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/20/23 16:46	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/20/23 16:46	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/20/23 16:46	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/20/23 16:46	1
Chloroform	<0.37		2.0	0.37	ug/L			10/20/23 16:46	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/20/23 16:46	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/20/23 16:46	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/20/23 16:46	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/20/23 16:46	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/20/23 16:46	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/20/23 16:46	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/20/23 16:46	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/20/23 16:46	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/20/23 16:46	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 16:46	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-27D-202310
Date Collected: 10/11/23 13:47
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-31
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/20/23 16:46	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/20/23 16:46	1
Methylene Chloride	**2.4**	**J B**	5.0	1.6	ug/L			10/20/23 16:46	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/20/23 16:46	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 16:46	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/20/23 16:46	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/20/23 16:46	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/20/23 16:46	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/20/23 16:46	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 16:46	1
Styrene	<0.39		1.0	0.39	ug/L			10/20/23 16:46	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 16:46	1
Tetrachloroethene	**0.98**	**J**	1.0	0.37	ug/L			10/20/23 16:46	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/20/23 16:46	1
Toluene	<0.15		0.50	0.15	ug/L			10/20/23 16:46	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/20/23 16:46	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/20/23 16:46	1
Trichloroethene	**1.6**		0.50	0.16	ug/L			10/20/23 16:46	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/20/23 16:46	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/20/23 16:46	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/20/23 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*10/20/23 16:46*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*10/20/23 16:46*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*10/20/23 16:46*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*10/20/23 16:46*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-27D2-202310
Date Collected: 10/11/23 13:46
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-32
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/20/23 17:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/20/23 17:10	1
1,1,2,2-Tetrachloroethane	<0.40	^c	1.0	0.40	ug/L			10/20/23 17:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/20/23 17:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/20/23 17:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/20/23 17:10	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/20/23 17:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/20/23 17:10	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/20/23 17:10	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/20/23 17:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/20/23 17:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/20/23 17:10	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/20/23 17:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/20/23 17:10	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/20/23 17:10	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/20/23 17:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/20/23 17:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/20/23 17:10	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/20/23 17:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/20/23 17:10	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/20/23 17:10	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/20/23 17:10	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/20/23 17:10	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/20/23 17:10	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/20/23 17:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/20/23 17:10	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/20/23 17:10	1
Acetone	<1.7	^c	10	1.7	ug/L			10/20/23 17:10	1
Benzene	<0.15		0.50	0.15	ug/L			10/20/23 17:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/20/23 17:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/20/23 17:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/20/23 17:10	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/20/23 17:10	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/20/23 17:10	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/20/23 17:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/20/23 17:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/20/23 17:10	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/20/23 17:10	1
Chloroform	<0.37		2.0	0.37	ug/L			10/20/23 17:10	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/20/23 17:10	1
cis-1,2-Dichloroethene	**3.7**		1.0	0.41	ug/L			10/20/23 17:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/20/23 17:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/20/23 17:10	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/20/23 17:10	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/20/23 17:10	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/20/23 17:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/20/23 17:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/20/23 17:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 17:10	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-27D2-202310
Date Collected: 10/11/23 13:46
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-32
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/20/23 17:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/20/23 17:10	1
Methylene Chloride	**2.3**	**J B**	5.0	1.6	ug/L			10/20/23 17:10	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/20/23 17:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 17:10	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/20/23 17:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/20/23 17:10	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/20/23 17:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/20/23 17:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 17:10	1
Styrene	<0.39		1.0	0.39	ug/L			10/20/23 17:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 17:10	1
Tetrachloroethene	**12**		1.0	0.37	ug/L			10/20/23 17:10	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/20/23 17:10	1
Toluene	<0.15		0.50	0.15	ug/L			10/20/23 17:10	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/20/23 17:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/20/23 17:10	1
Trichloroethene	**9.7**		0.50	0.16	ug/L			10/20/23 17:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/20/23 17:10	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/20/23 17:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/20/23 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*10/20/23 17:10*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*10/20/23 17:10*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 120*		*10/20/23 17:10*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*10/20/23 17:10*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: DUP-01-202310
Date Collected: 10/11/23 00:00
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-33
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/20/23 17:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/20/23 17:34	1
1,1,2,2-Tetrachloroethane	<0.40	^c	1.0	0.40	ug/L			10/20/23 17:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/20/23 17:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/20/23 17:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/20/23 17:34	1
1,1-Dichloroethene	**0.44**	**J**	1.0	0.39	ug/L			10/20/23 17:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/20/23 17:34	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/20/23 17:34	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/20/23 17:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/20/23 17:34	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/20/23 17:34	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/20/23 17:34	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/20/23 17:34	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/20/23 17:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/20/23 17:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/20/23 17:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/20/23 17:34	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/20/23 17:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/20/23 17:34	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/20/23 17:34	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/20/23 17:34	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/20/23 17:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/20/23 17:34	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/20/23 17:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/20/23 17:34	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/20/23 17:34	1
Acetone	<1.7	^c	10	1.7	ug/L			10/20/23 17:34	1
Benzene	<0.15		0.50	0.15	ug/L			10/20/23 17:34	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/20/23 17:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/20/23 17:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/20/23 17:34	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/20/23 17:34	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/20/23 17:34	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/20/23 17:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/20/23 17:34	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/20/23 17:34	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/20/23 17:34	1
Chloroform	<0.37		2.0	0.37	ug/L			10/20/23 17:34	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/20/23 17:34	1
cis-1,2-Dichloroethene	**3.4**		1.0	0.41	ug/L			10/20/23 17:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/20/23 17:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/20/23 17:34	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/20/23 17:34	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/20/23 17:34	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/20/23 17:34	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/20/23 17:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/20/23 17:34	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 17:34	1

Client Sample ID: DUP-01-202310
Date Collected: 10/11/23 00:00
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-33
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/20/23 17:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/20/23 17:34	1
Methylene Chloride	**2.3**	**J B**	5.0	1.6	ug/L			10/20/23 17:34	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/20/23 17:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 17:34	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/20/23 17:34	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/20/23 17:34	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/20/23 17:34	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/20/23 17:34	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 17:34	1
Styrene	<0.39		1.0	0.39	ug/L			10/20/23 17:34	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 17:34	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/20/23 17:34	1
Toluene	<0.15		0.50	0.15	ug/L			10/20/23 17:34	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/20/23 17:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/20/23 17:34	1
Trichloroethene	**4.0**		0.50	0.16	ug/L			10/20/23 17:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/20/23 17:34	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/20/23 17:34	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/20/23 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*10/20/23 17:34*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*10/20/23 17:34*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 120*		*10/20/23 17:34*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/20/23 17:34*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**270**		10	3.7	ug/L			10/20/23 17:59	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*10/20/23 17:59*	*10*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/20/23 17:59*	*10*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*10/20/23 17:59*	*10*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/20/23 17:59*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: DUP-02-202310
Date Collected: 10/12/23 00:00
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-34
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/20/23 18:23	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/20/23 18:23	1
1,1,2,2-Tetrachloroethane	<0.40	^c	1.0	0.40	ug/L			10/20/23 18:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/20/23 18:23	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/20/23 18:23	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/20/23 18:23	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/20/23 18:23	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/20/23 18:23	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/20/23 18:23	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/20/23 18:23	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/20/23 18:23	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/20/23 18:23	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/20/23 18:23	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/20/23 18:23	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/20/23 18:23	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/20/23 18:23	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/20/23 18:23	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/20/23 18:23	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/20/23 18:23	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/20/23 18:23	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/20/23 18:23	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/20/23 18:23	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/20/23 18:23	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/20/23 18:23	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/20/23 18:23	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/20/23 18:23	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/20/23 18:23	1
Acetone	<1.7	^c	10	1.7	ug/L			10/20/23 18:23	1
Benzene	<0.15		0.50	0.15	ug/L			10/20/23 18:23	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/20/23 18:23	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/20/23 18:23	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/20/23 18:23	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/20/23 18:23	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/20/23 18:23	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/20/23 18:23	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/20/23 18:23	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/20/23 18:23	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/20/23 18:23	1
Chloroform	<0.37		2.0	0.37	ug/L			10/20/23 18:23	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/20/23 18:23	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/20/23 18:23	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/20/23 18:23	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/20/23 18:23	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/20/23 18:23	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/20/23 18:23	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/20/23 18:23	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/20/23 18:23	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/20/23 18:23	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 18:23	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: DUP-02-202310
Date Collected: 10/12/23 00:00
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-34
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/20/23 18:23	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/20/23 18:23	1
Methylene Chloride	**2.5**	**J B**	5.0	1.6	ug/L			10/20/23 18:23	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/20/23 18:23	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 18:23	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/20/23 18:23	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/20/23 18:23	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/20/23 18:23	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/20/23 18:23	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 18:23	1
Styrene	<0.39		1.0	0.39	ug/L			10/20/23 18:23	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 18:23	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/20/23 18:23	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/20/23 18:23	1
Toluene	<0.15		0.50	0.15	ug/L			10/20/23 18:23	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/20/23 18:23	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/20/23 18:23	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/20/23 18:23	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/20/23 18:23	1
Vinyl chloride	<0.20	^c	1.0	0.20	ug/L			10/20/23 18:23	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/20/23 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*10/20/23 18:23*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*10/20/23 18:23*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*10/20/23 18:23*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/20/23 18:23*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: DUP-03-202310
Date Collected: 10/12/23 00:00
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-35
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/20/23 18:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/20/23 18:47	1
1,1,2,2-Tetrachloroethane	<0.40	^c	1.0	0.40	ug/L			10/20/23 18:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/20/23 18:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/20/23 18:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/20/23 18:47	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/20/23 18:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/20/23 18:47	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/20/23 18:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/20/23 18:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/20/23 18:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/20/23 18:47	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/20/23 18:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/20/23 18:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/20/23 18:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/20/23 18:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/20/23 18:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/20/23 18:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/20/23 18:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/20/23 18:47	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/20/23 18:47	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/20/23 18:47	1
2-Butanone (MEK)	<2.1	^c	5.0	2.1	ug/L			10/20/23 18:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/20/23 18:47	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/20/23 18:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/20/23 18:47	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/20/23 18:47	1
Acetone	<1.7	^c	10	1.7	ug/L			10/20/23 18:47	1
Benzene	<0.15		0.50	0.15	ug/L			10/20/23 18:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/20/23 18:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/20/23 18:47	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/20/23 18:47	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/20/23 18:47	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/20/23 18:47	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/20/23 18:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/20/23 18:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/20/23 18:47	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/20/23 18:47	1
Chloroform	<0.37		2.0	0.37	ug/L			10/20/23 18:47	1
Chloromethane	<0.32	F2	5.0	0.32	ug/L			10/20/23 18:47	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/20/23 18:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/20/23 18:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/20/23 18:47	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/20/23 18:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/20/23 18:47	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/20/23 18:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/20/23 18:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/20/23 18:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 18:47	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: DUP-03-202310
Date Collected: 10/12/23 00:00
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-35
Matrix: Ground Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/20/23 18:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/20/23 18:47	1
Methylene Chloride	**2.2**	**J B**	5.0	1.6	ug/L			10/20/23 18:47	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/20/23 18:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 18:47	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/20/23 18:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/20/23 18:47	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/20/23 18:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/20/23 18:47	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 18:47	1
Styrene	<0.39		1.0	0.39	ug/L			10/20/23 18:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 18:47	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/20/23 18:47	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/20/23 18:47	1
Toluene	<0.15		0.50	0.15	ug/L			10/20/23 18:47	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/20/23 18:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/20/23 18:47	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/20/23 18:47	1
Trichlorofluoromethane	**1.6**		1.0	0.43	ug/L			10/20/23 18:47	1
Vinyl chloride	<0.20	^c F2	1.0	0.20	ug/L			10/20/23 18:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/20/23 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*10/20/23 18:47*	*1*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*		*10/20/23 18:47*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*10/20/23 18:47*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/20/23 18:47*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Reported value was between the limit of detection and the limit of quantitation.

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

GC/MS VOA

Analysis Batch: 737797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241079-1	MP-13 (163-167)-202310	Total/NA	Ground Water	8260D	
500-241079-2	MP-13 (135-139)-202310	Total/NA	Ground Water	8260D	
500-241079-2 - DL	MP-13 (135-139)-202310	Total/NA	Ground Water	8260D	
500-241079-3	MP-13 (121-125)-202310	Total/NA	Ground Water	8260D	
500-241079-3 - DL	MP-13 (121-125)-202310	Total/NA	Ground Water	8260D	
500-241079-4	MP-13 (102-106)-202310	Total/NA	Ground Water	8260D	
500-241079-4 - DL	MP-13 (102-106)-202310	Total/NA	Ground Water	8260D	
500-241079-5	MP-13 (081-085)-202310	Total/NA	Ground Water	8260D	
500-241079-5 - DL	MP-13 (081-085)-202310	Total/NA	Ground Water	8260D	
500-241079-6	MP-13 (067-071)-202310	Total/NA	Ground Water	8260D	
500-241079-7	MP-13 (044-048)-202310	Total/NA	Ground Water	8260D	
500-241079-8	MP-14 (170-178)-202310	Total/NA	Ground Water	8260D	
500-241079-8 - DL	MP-14 (170-178)-202310	Total/NA	Ground Water	8260D	
500-241079-9	MP-14 (135-140)-202310	Total/NA	Ground Water	8260D	
500-241079-10	MP-14 (100-105)-202310	Total/NA	Ground Water	8260D	
500-241079-11	MP-15 (177-187)-202310	Total/NA	Ground Water	8260D	
500-241079-12 - DL	MP-15 (142-146)-202310	Total/NA	Ground Water	8260D	
500-241079-12	MP-15 (142-146)-202310	Total/NA	Ground Water	8260D	
MB 500-737797/6	Method Blank	Total/NA	Water	8260D	
LCS 500-737797/4	Lab Control Sample	Total/NA	Water	8260D	
500-241079-11 MS	MP-15 (177-187)-202310	Total/NA	Ground Water	8260D	
500-241079-11 MSD	MP-15 (177-187)-202310	Total/NA	Ground Water	8260D	

Analysis Batch: 737844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241079-13	MP-15 (120-125)-202310	Total/NA	Ground Water	8260D	
500-241079-13 - DL	MP-15 (120-125)-202310	Total/NA	Ground Water	8260D	
500-241079-14	MP-15 (100-105)-202310	Total/NA	Ground Water	8260D	
500-241079-14 - DL	MP-15 (100-105)-202310	Total/NA	Ground Water	8260D	
500-241079-15	MP-15 (088-092)-202310	Total/NA	Ground Water	8260D	
500-241079-16	MP-16 (175-179)-202310	Total/NA	Ground Water	8260D	
500-241079-17	MP-16 (140-144)-202310	Total/NA	Ground Water	8260D	
500-241079-18	MP-16 (106-116)-202310	Total/NA	Ground Water	8260D	
500-241079-19	MW-4D2-202310	Total/NA	Ground Water	8260D	
500-241079-20	MW-5D-202310	Total/NA	Ground Water	8260D	
500-241079-21	MW-5D2-202310	Total/NA	Ground Water	8260D	
500-241079-21 - DL	MW-5D2-202310	Total/NA	Ground Water	8260D	
500-241079-22	MW-5D3-202310	Total/NA	Ground Water	8260D	
500-241079-23	MW-5S-202310	Total/NA	Ground Water	8260D	
500-241079-24	MW-6D-202310	Total/NA	Ground Water	8260D	
500-241079-24 - DL	MW-6D-202310	Total/NA	Ground Water	8260D	
500-241079-25	MW-6S-202310	Total/NA	Ground Water	8260D	
500-241079-26	MW-9D-202310	Total/NA	Ground Water	8260D	
MB 500-737844/8	Method Blank	Total/NA	Water	8260D	
LCS 500-737844/5	Lab Control Sample	Total/NA	Water	8260D	
500-241079-22 MS	MW-5D3-202310	Total/NA	Ground Water	8260D	
500-241079-22 MSD	MW-5D3-202310	Total/NA	Ground Water	8260D	

Analysis Batch: 738027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241079-1 - DL	MP-13 (163-167)-202310	Total/NA	Ground Water	8260D	

GC/MS VOA (Continued)

Analysis Batch: 738027 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241079-15 - DL	MP-15 (088-092)-202310	Total/NA	Ground Water	8260D	
500-241079-20 - DL	MW-5D-202310	Total/NA	Ground Water	8260D	
500-241079-27	MW-9D2-202310	Total/NA	Ground Water	8260D	
500-241079-28	MW-17-202310	Total/NA	Ground Water	8260D	
500-241079-28 - DL	MW-17-202310	Total/NA	Ground Water	8260D	
500-241079-29	MW-25D-202310	Total/NA	Ground Water	8260D	
500-241079-30	MW-25D2-202310	Total/NA	Ground Water	8260D	
500-241079-31	MW-27D-202310	Total/NA	Ground Water	8260D	
500-241079-32	MW-27D2-202310	Total/NA	Ground Water	8260D	
500-241079-33	DUP-01-202310	Total/NA	Ground Water	8260D	
500-241079-33 - DL	DUP-01-202310	Total/NA	Ground Water	8260D	
500-241079-34	DUP-02-202310	Total/NA	Ground Water	8260D	
500-241079-35	DUP-03-202310	Total/NA	Ground Water	8260D	
MB 500-738027/6	Method Blank	Total/NA	Water	8260D	
LCS 500-738027/4	Lab Control Sample	Total/NA	Water	8260D	
500-241079-35 MS	DUP-03-202310	Total/NA	Ground Water	8260D	
500-241079-35 MSD	DUP-03-202310	Total/NA	Ground Water	8260D	

Analysis Batch: 738292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241079-27 - DL	MW-9D2-202310	Total/NA	Ground Water	8260D	
MB 500-738292/6	Method Blank	Total/NA	Water	8260D	
LCS 500-738292/4	Lab Control Sample	Total/NA	Water	8260D	

GC Semi VOA

Prep Batch: 449480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241079-23	MW-5S-202310	Total/NA	Ground Water	3510C	
MB 180-449480/1-A	Method Blank	Total/NA	Water	3510C	
LCS 180-449480/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 180-449480/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 449647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241079-23	MW-5S-202310	Total/NA	Ground Water	EPA 8082A	449480
MB 180-449480/1-A	Method Blank	Total/NA	Water	EPA 8082A	449480
LCS 180-449480/2-A	Lab Control Sample	Total/NA	Water	EPA 8082A	449480
LCSD 180-449480/3-A	Lab Control Sample Dup	Total/NA	Water	EPA 8082A	449480

General Chemistry

Analysis Batch: 737342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241079-23	MW-5S-202310	Total/NA	Ground Water	SM 2540C	
MB 500-737342/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-737342/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-241079-23 MS	MW-5S-202310	Total/NA	Ground Water	SM 2540C	

Analysis Batch: 737686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241079-23	MW-5S-202310	Total/NA	Ground Water	SM 2540D	

General Chemistry (Continued)

Analysis Batch: 737686 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-737686/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 500-737686/2	Lab Control Sample	Total/NA	Water	SM 2540D	
500-241079-23 MS	MW-5S-202310	Total/NA	Ground Water	SM 2540D	

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Ground Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-241079-1	MP-13 (163-167)-202310	98	110	94	96
500-241079-1 - DL	MP-13 (163-167)-202310	84	108	89	92
500-241079-2 - DL	MP-13 (135-139)-202310	84	113	90	95
500-241079-2	MP-13 (135-139)-202310	93	106	90	92
500-241079-3	MP-13 (121-125)-202310	96	110	91	95
500-241079-3 - DL	MP-13 (121-125)-202310	88	107	90	96
500-241079-4	MP-13 (102-106)-202310	93	106	94	90
500-241079-4 - DL	MP-13 (102-106)-202310	85	108	90	95
500-241079-5	MP-13 (081-085)-202310	95	109	94	91
500-241079-5 - DL	MP-13 (081-085)-202310	89	115	91	94
500-241079-6	MP-13 (067-071)-202310	97	110	95	90
500-241079-7	MP-13 (044-048)-202310	102	110	96	93
500-241079-8	MP-14 (170-178)-202310	98	105	95	93
500-241079-8 - DL	MP-14 (170-178)-202310	97	110	94	92
500-241079-9	MP-14 (135-140)-202310	95	108	96	91
500-241079-10	MP-14 (100-105)-202310	96	111	92	98
500-241079-11	MP-15 (177-187)-202310	95	110	94	94
500-241079-11 MS	MP-15 (177-187)-202310	98	102	97	93
500-241079-11 MSD	MP-15 (177-187)-202310	85	100	95	94
500-241079-12 - DL	MP-15 (142-146)-202310	98	110	95	98
500-241079-12	MP-15 (142-146)-202310	95	110	93	92
500-241079-13 - DL	MP-15 (120-125)-202310	111	100	107	98
500-241079-13	MP-15 (120-125)-202310	111	98	107	98
500-241079-14	MP-15 (100-105)-202310	107	96	105	99
500-241079-14 - DL	MP-15 (100-105)-202310	115	97	109	97
500-241079-15	MP-15 (088-092)-202310	108	95	108	97
500-241079-15 - DL	MP-15 (088-092)-202310	99	104	92	96
500-241079-16	MP-16 (175-179)-202310	112	98	106	100
500-241079-17	MP-16 (140-144)-202310	115	94	110	98
500-241079-18	MP-16 (106-116)-202310	112	96	106	100
500-241079-19	MW-4D2-202310	111	97	109	96
500-241079-20	MW-5D-202310	117	94	112	94
500-241079-20 - DL	MW-5D-202310	84	109	90	96
500-241079-21	MW-5D2-202310	118	98	114	95
500-241079-21 - DL	MW-5D2-202310	121	97	116	96
500-241079-22	MW-5D3-202310	116	99	114	96
500-241079-22 MS	MW-5D3-202310	111	95	107	97
500-241079-22 MSD	MW-5D3-202310	113	98	106	98
500-241079-23	MW-5S-202310	120	94	112	96
500-241079-24	MW-6D-202310	107	103	106	99
500-241079-24 - DL	MW-6D-202310	110	98	110	99
500-241079-25	MW-6S-202310	115	95	112	94
500-241079-26	MW-9D-202310	119	98	114	94
500-241079-27	MW-9D2-202310	97	109	96	92
500-241079-27 - DL	MW-9D2-202310	82 ^c	108	90	96
500-241079-28	MW-17-202310	83	107	89	93
500-241079-28 - DL	MW-17-202310	99	109	97	92
500-241079-29	MW-25D-202310	98	111	97	94
500-241079-30	MW-25D2-202310	92	108	93	94

Surrogate Summary

Client: TRC Environmental Corporation
Job ID: 500-241079-1
Project/Site: MKC Semi-Annual Sampling

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-241079-31	MW-27D-202310	92	111	95	97
500-241079-32	MW-27D2-202310	83	108	87	93
500-241079-33	DUP-01-202310	95	108	95	95
500-241079-33 - DL	DUP-01-202310	95	110	96	96
500-241079-34	DUP-02-202310	100	105	98	94
500-241079-35	DUP-03-202310	83	112	90	92
500-241079-35 MS	DUP-03-202310	98	102	98	93
500-241079-35 MSD	DUP-03-202310	98	105	98	90

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
LCS 500-737797/4	Lab Control Sample	93	101	95	96
LCS 500-737844/5	Lab Control Sample	106	98	103	101
LCS 500-738027/4	Lab Control Sample	91	103	95	94
LCS 500-738292/4	Lab Control Sample	93	99	95	95
MB 500-737797/6	Method Blank	93	106	90	94
MB 500-737844/8	Method Blank	117	101	112	97
MB 500-738027/6	Method Blank	81	104	85	92
MB 500-738292/6	Method Blank	91	104	90	92

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(48-129)	(36-117)
500-241079-23	MW-5S-202310	127	112

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Surrogate Summary

Client: TRC Environmental Corporation
Job ID: 500-241079-1
Project/Site: MKC Semi-Annual Sampling

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB1	TCX2								
Lab Sample ID	Client Sample ID	(48-129)	(36-117)								
LCS 180-449480/2-A	Lab Control Sample	103	90								
LCSD 180-449480/3-A	Lab Control Sample Dup	104	93								
MB 180-449480/1-A	Method Blank	106	100								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-737797/6
Matrix: Water
Analysis Batch: 737797

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 10:12	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 10:12	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 10:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 10:12	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 10:12	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 10:12	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 10:12	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 10:12	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 10:12	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 10:12	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 10:12	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 10:12	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 10:12	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 10:12	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 10:12	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 10:12	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 10:12	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 10:12	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 10:12	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 10:12	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 10:12	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 10:12	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 10:12	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 10:12	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 10:12	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 10:12	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 10:12	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 10:12	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 10:12	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 10:12	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 10:12	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 10:12	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 10:12	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 10:12	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 10:12	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 10:12	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 10:12	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 10:12	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 10:12	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 10:12	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 10:12	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 10:12	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 10:12	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 10:12	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 10:12	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 10:12	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 10:12	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 10:12	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-737797/6
Matrix: Water
Analysis Batch: 737797

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 10:12	1
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 10:12	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 10:12	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 10:12	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 10:12	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 10:12	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 10:12	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 10:12	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 10:12	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 10:12	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 10:12	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 10:12	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 10:12	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/19/23 10:12	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 10:12	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 10:12	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 10:12	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 10:12	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/19/23 10:12	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 10:12	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 10:12	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 10:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*		*10/19/23 10:12*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*10/19/23 10:12*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*10/19/23 10:12*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/19/23 10:12*	*1*

Lab Sample ID: LCS 500-737797/4
Matrix: Water
Analysis Batch: 737797

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	45.5		ug/L		91	70 - 125
1,1,1-Trichloroethane	50.0	51.1		ug/L		102	70 - 125
1,1,2,2-Tetrachloroethane	50.0	43.1		ug/L		86	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.8		ug/L		104	70 - 123
1,1,2-Trichloroethane	50.0	46.3		ug/L		93	71 - 130
1,1-Dichloroethane	50.0	49.4		ug/L		99	70 - 125
1,1-Dichloroethene	50.0	49.0		ug/L		98	67 - 122
1,1-Dichloropropene	50.0	51.9		ug/L		104	70 - 121
1,2,3-Trichlorobenzene	50.0	43.8		ug/L		88	51 - 145
1,2,3-Trichloropropane	50.0	49.8		ug/L		100	50 - 133
1,2,4-Trichlorobenzene	50.0	46.2		ug/L		92	57 - 137
1,2,4-Trimethylbenzene	50.0	51.0		ug/L		102	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	34.5		ug/L		69	56 - 123
1,2-Dibromoethane	50.0	47.2		ug/L		94	70 - 125

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-737797/4
Matrix: Water
Analysis Batch: 737797

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	50.0	48.3		ug/L		97	70 - 125
1,2-Dichloroethane	50.0	49.7		ug/L		99	68 - 127
1,2-Dichloropropane	50.0	49.1		ug/L		98	67 - 130
1,3,5-Trimethylbenzene	50.0	52.2		ug/L		104	70 - 123
1,3-Dichlorobenzene	50.0	50.7		ug/L		101	70 - 125
1,3-Dichloropropane	50.0	50.5		ug/L		101	62 - 136
1,4-Dichlorobenzene	50.0	49.4		ug/L		99	70 - 120
2,2-Dichloropropane	50.0	49.7		ug/L		99	58 - 139
2-Butanone (MEK)	50.0	40.2		ug/L		80	46 - 144
2-Chlorotoluene	50.0	51.3		ug/L		103	70 - 125
2-Hexanone	50.0	35.2		ug/L		70	54 - 146
4-Chlorotoluene	50.0	50.9		ug/L		102	68 - 124
4-Methyl-2-pentanone (MIBK)	50.0	35.8		ug/L		72	55 - 139
Acetone	50.0	35.7		ug/L		71	40 - 143
Benzene	50.0	49.1		ug/L		98	70 - 120
Bromobenzene	50.0	52.8		ug/L		106	70 - 122
Bromochloromethane	50.0	48.1		ug/L		96	65 - 122
Bromodichloromethane	50.0	45.8		ug/L		92	69 - 120
Bromoform	50.0	38.9		ug/L		78	56 - 132
Bromomethane	50.0	33.1		ug/L		66	40 - 152
Carbon disulfide	50.0	46.2		ug/L		92	66 - 120
Carbon tetrachloride	50.0	50.8		ug/L		102	59 - 133
Chlorobenzene	50.0	51.3		ug/L		103	70 - 120
Chloroethane	50.0	47.6		ug/L		95	48 - 136
Chloroform	50.0	49.1		ug/L		98	70 - 120
Chloromethane	50.0	48.0		ug/L		96	56 - 152
cis-1,2-Dichloroethene	50.0	50.4		ug/L		101	70 - 125
cis-1,3-Dichloropropene	50.0	46.8		ug/L		94	64 - 127
Dibromochloromethane	50.0	42.2		ug/L		84	68 - 125
Dibromomethane	50.0	45.6		ug/L		91	70 - 120
Dichlorodifluoromethane	50.0	53.3		ug/L		107	40 - 159
Ethylbenzene	50.0	49.7		ug/L		99	70 - 123
Hexachlorobutadiene	50.0	62.6		ug/L		125	51 - 150
Isopropylbenzene	50.0	53.1		ug/L		106	70 - 126
m-Xylene & p-Xylene	50.0	50.0		ug/L		100	70 - 125
Methyl tert-butyl ether	50.0	49.6		ug/L		99	55 - 123
Methylene Chloride	50.0	47.7		ug/L		95	69 - 125
Naphthalene	50.0	38.3		ug/L		77	53 - 144
n-Butylbenzene	50.0	49.9		ug/L		100	68 - 125
n-Hexane	50.0	48.5		ug/L		97	65 - 142
N-Propylbenzene	50.0	51.4		ug/L		103	69 - 127
o-Xylene	50.0	50.6		ug/L		101	70 - 120
p-Isopropyltoluene	50.0	53.6		ug/L		107	70 - 125
sec-Butylbenzene	50.0	52.0		ug/L		104	70 - 123
Styrene	50.0	49.9		ug/L		100	70 - 120
tert-Butylbenzene	50.0	54.3		ug/L		109	70 - 121
Tetrachloroethene	50.0	56.8		ug/L		114	70 - 128
Tetrahydrofuran	100	89.7		ug/L		90	59 - 139
Toluene	50.0	48.4		ug/L		97	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-737797/4
Matrix: Water
Analysis Batch: 737797

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	50.0	50.0		ug/L		100	70 - 125
trans-1,3-Dichloropropene	50.0	45.5		ug/L		91	62 - 128
Trichloroethene	50.0	53.4		ug/L		107	70 - 125
Trichlorofluoromethane	50.0	43.3		ug/L		87	55 - 128
Vinyl chloride	50.0	50.3		ug/L		101	64 - 126
Xylenes, Total	100	101		ug/L		101	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 120*
Toluene-d8 (Surr)	*96*		*75 - 120*

Lab Sample ID: 500-241079-11 MS
Matrix: Ground Water
Analysis Batch: 737797

Client Sample ID: MP-15 (177-187)-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.46		50.0	49.0		ug/L		98	70 - 125
1,1,1-Trichloroethane	<0.38		50.0	53.6		ug/L		107	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	45.6		ug/L		91	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	54.2		ug/L		108	70 - 123
1,1,2-Trichloroethane	<0.35		50.0	47.8		ug/L		96	71 - 130
1,1-Dichloroethane	<0.41		50.0	52.8		ug/L		106	70 - 125
1,1-Dichloroethene	<0.39		50.0	53.9		ug/L		108	67 - 122
1,1-Dichloropropene	<0.30		50.0	53.8		ug/L		108	70 - 121
1,2,3-Trichlorobenzene	<0.46		50.0	42.5		ug/L		85	51 - 145
1,2,3-Trichloropropane	<0.41		50.0	52.7		ug/L		105	50 - 133
1,2,4-Trichlorobenzene	<0.34		50.0	42.3		ug/L		85	57 - 137
1,2,4-Trimethylbenzene	<0.36		50.0	50.7		ug/L		101	70 - 123
1,2-Dibromo-3-Chloropropane	<2.0	^c	50.0	39.3		ug/L		79	56 - 123
1,2-Dibromoethane	<0.39		50.0	49.5		ug/L		99	70 - 125
1,2-Dichlorobenzene	<0.33		50.0	48.8		ug/L		98	70 - 125
1,2-Dichloroethane	<0.39		50.0	53.3		ug/L		107	68 - 127
1,2-Dichloropropane	<0.43		50.0	50.4		ug/L		101	67 - 130
1,3,5-Trimethylbenzene	<0.25		50.0	51.8		ug/L		104	70 - 123
1,3-Dichlorobenzene	<0.40		50.0	49.7		ug/L		99	70 - 125
1,3-Dichloropropane	<0.36		50.0	51.7		ug/L		103	62 - 136
1,4-Dichlorobenzene	<0.36		50.0	48.0		ug/L		96	70 - 120
2,2-Dichloropropane	<0.44		50.0	50.1		ug/L		100	58 - 139
2-Butanone (MEK)	<2.1	^c	50.0	46.5		ug/L		93	46 - 144
2-Chlorotoluene	<0.31		50.0	51.3		ug/L		103	70 - 125
2-Hexanone	<1.6	^c	50.0	34.9		ug/L		70	54 - 146
4-Chlorotoluene	<0.35		50.0	51.2		ug/L		102	68 - 124
4-Methyl-2-pentanone (MIBK)	<2.2	^c	50.0	35.0		ug/L		70	55 - 139
Acetone	<1.7	^c	50.0	38.4		ug/L		77	40 - 143
Benzene	<0.15		50.0	50.7		ug/L		101	70 - 120
Bromobenzene	<0.36		50.0	54.0		ug/L		108	70 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241079-11 MS
Matrix: Ground Water
Analysis Batch: 737797

Client Sample ID: MP-15 (177-187)-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	<0.43		50.0	52.7		ug/L		105	65 - 122
Bromodichloromethane	<0.37		50.0	49.1		ug/L		98	69 - 120
Bromoform	<0.48	^c	50.0	42.2		ug/L		84	56 - 132
Bromomethane	<0.80	^c	50.0	47.8		ug/L		96	40 - 152
Carbon disulfide	<0.45		50.0	50.6		ug/L		101	66 - 120
Carbon tetrachloride	<0.38		50.0	53.7		ug/L		107	59 - 133
Chlorobenzene	<0.39		50.0	51.1		ug/L		102	70 - 120
Chloroethane	<0.51		50.0	47.2		ug/L		94	48 - 136
Chloroform	<0.37		50.0	51.2		ug/L		102	70 - 120
Chloromethane	<0.32		50.0	48.2		ug/L		96	56 - 152
cis-1,2-Dichloroethene	<0.41		50.0	51.5		ug/L		103	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	47.2		ug/L		94	64 - 127
Dibromochloromethane	<0.49		50.0	46.2		ug/L		92	68 - 125
Dibromomethane	<0.27		50.0	49.6		ug/L		99	70 - 120
Dichlorodifluoromethane	<0.67		50.0	50.9		ug/L		102	40 - 159
Ethylbenzene	<0.18		50.0	48.9		ug/L		98	70 - 123
Hexachlorobutadiene	<0.45	^c	50.0	57.8		ug/L		116	51 - 150
Isopropylbenzene	<0.39		50.0	53.3		ug/L		107	70 - 126
m-Xylene & p-Xylene	<0.18		50.0	49.8		ug/L		100	70 - 125
Methyl tert-butyl ether	<0.39		50.0	54.8		ug/L		110	55 - 123
Methylene Chloride	<1.6		50.0	50.9		ug/L		102	69 - 125
Naphthalene	<0.34	^c	50.0	38.9		ug/L		78	53 - 144
n-Butylbenzene	<0.39		50.0	46.6		ug/L		93	68 - 125
n-Hexane	<0.49		50.0	49.0		ug/L		98	65 - 142
N-Propylbenzene	<0.41		50.0	51.0		ug/L		102	69 - 127
o-Xylene	<0.22		50.0	49.3		ug/L		99	70 - 120
p-Isopropyltoluene	<0.36		50.0	51.6		ug/L		103	70 - 125
sec-Butylbenzene	<0.40		50.0	51.7		ug/L		103	70 - 123
Styrene	<0.39		50.0	48.8		ug/L		98	70 - 120
tert-Butylbenzene	<0.40		50.0	54.1		ug/L		108	70 - 121
Tetrachloroethene	4.0		50.0	60.0		ug/L		112	70 - 128
Tetrahydrofuran	<1.9		100	93.5		ug/L		93	59 - 139
Toluene	<0.15		50.0	47.5		ug/L		95	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	53.7		ug/L		107	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	46.4		ug/L		93	62 - 128
Trichloroethene	0.25	J	50.0	55.4		ug/L		110	70 - 125
Trichlorofluoromethane	<0.43		50.0	45.1		ug/L		90	55 - 128
Vinyl chloride	<0.20		50.0	49.7		ug/L		99	64 - 126
Xylenes, Total	<0.22		100	99.1		ug/L		99	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
Toluene-d8 (Surr)	*93*		*75 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241079-11 MSD
Matrix: Ground Water
Analysis Batch: 737797

Client Sample ID: MP-15 (177-187)-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.46		50.0	49.2		ug/L		98	70 - 125	0	20
1,1,1-Trichloroethane	<0.38		50.0	53.2		ug/L		106	70 - 125	1	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	47.3		ug/L		95	62 - 140	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	54.1		ug/L		108	70 - 123	0	20
1,1,2-Trichloroethane	<0.35		50.0	49.0		ug/L		98	71 - 130	3	20
1,1-Dichloroethane	<0.41		50.0	51.2		ug/L		102	70 - 125	3	20
1,1-Dichloroethene	<0.39		50.0	50.0		ug/L		100	67 - 122	8	20
1,1-Dichloropropene	<0.30		50.0	54.6		ug/L		109	70 - 121	1	20
1,2,3-Trichlorobenzene	<0.46		50.0	43.0		ug/L		86	51 - 145	1	20
1,2,3-Trichloropropane	<0.41		50.0	53.1		ug/L		106	50 - 133	1	20
1,2,4-Trichlorobenzene	<0.34		50.0	44.2		ug/L		88	57 - 137	4	20
1,2,4-Trimethylbenzene	<0.36		50.0	51.6		ug/L		103	70 - 123	2	20
1,2-Dibromo-3-Chloropropane	<2.0	^c	50.0	38.2		ug/L		76	56 - 123	3	20
1,2-Dibromoethane	<0.39		50.0	49.9		ug/L		100	70 - 125	1	20
1,2-Dichlorobenzene	<0.33		50.0	49.4		ug/L		99	70 - 125	1	20
1,2-Dichloroethane	<0.39		50.0	47.9		ug/L		96	68 - 127	11	20
1,2-Dichloropropane	<0.43		50.0	52.0		ug/L		104	67 - 130	3	20
1,3,5-Trimethylbenzene	<0.25		50.0	53.2		ug/L		106	70 - 123	3	20
1,3-Dichlorobenzene	<0.40		50.0	51.1		ug/L		102	70 - 125	3	20
1,3-Dichloropropane	<0.36		50.0	53.0		ug/L		106	62 - 136	2	20
1,4-Dichlorobenzene	<0.36		50.0	49.9		ug/L		100	70 - 120	4	20
2,2-Dichloropropane	<0.44		50.0	50.3		ug/L		101	58 - 139	0	20
2-Butanone (MEK)	<2.1	^c	50.0	41.5		ug/L		83	46 - 144	11	20
2-Chlorotoluene	<0.31		50.0	52.8		ug/L		106	70 - 125	3	20
2-Hexanone	<1.6	^c	50.0	36.1		ug/L		72	54 - 146	3	20
4-Chlorotoluene	<0.35		50.0	52.0		ug/L		104	68 - 124	2	20
4-Methyl-2-pentanone (MIBK)	<2.2	^c	50.0	37.0		ug/L		74	55 - 139	6	20
Acetone	<1.7	^c	50.0	40.8		ug/L		82	40 - 143	6	20
Benzene	<0.15		50.0	53.2		ug/L		106	70 - 120	5	20
Bromobenzene	<0.36		50.0	54.4		ug/L		109	70 - 122	1	20
Bromochloromethane	<0.43		50.0	51.8		ug/L		104	65 - 122	2	20
Bromodichloromethane	<0.37		50.0	49.0		ug/L		98	69 - 120	0	20
Bromoform	<0.48	^c	50.0	44.3		ug/L		89	56 - 132	5	20
Bromomethane	<0.80	^c	50.0	48.2		ug/L		96	40 - 152	1	20
Carbon disulfide	<0.45		50.0	48.7		ug/L		97	66 - 120	4	20
Carbon tetrachloride	<0.38		50.0	52.9		ug/L		106	59 - 133	2	20
Chlorobenzene	<0.39		50.0	52.8		ug/L		106	70 - 120	3	20
Chloroethane	<0.51		50.0	46.1		ug/L		92	48 - 136	2	20
Chloroform	<0.37		50.0	50.8		ug/L		102	70 - 120	1	20
Chloromethane	<0.32		50.0	48.1		ug/L		96	56 - 152	0	20
cis-1,2-Dichloroethene	<0.41		50.0	52.0		ug/L		104	70 - 125	1	20
cis-1,3-Dichloropropene	<0.42		50.0	49.1		ug/L		98	64 - 127	4	20
Dibromochloromethane	<0.49		50.0	46.5		ug/L		93	68 - 125	1	20
Dibromomethane	<0.27		50.0	49.8		ug/L		100	70 - 120	0	20
Dichlorodifluoromethane	<0.67		50.0	52.8		ug/L		106	40 - 159	4	20
Ethylbenzene	<0.18		50.0	50.8		ug/L		102	70 - 123	4	20
Hexachlorobutadiene	<0.45	^c	50.0	59.4		ug/L		119	51 - 150	3	20
Isopropylbenzene	<0.39		50.0	54.5		ug/L		109	70 - 126	2	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241079-11 MSD
Matrix: Ground Water
Analysis Batch: 737797

Client Sample ID: MP-15 (177-187)-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.18		50.0	51.1		ug/L		102	70 - 125	3	20
Methyl tert-butyl ether	<0.39		50.0	53.0		ug/L		106	55 - 123	3	20
Methylene Chloride	<1.6		50.0	47.9		ug/L		96	69 - 125	6	20
Naphthalene	<0.34	^c	50.0	38.8		ug/L		78	53 - 144	0	20
n-Butylbenzene	<0.39		50.0	47.8		ug/L		96	68 - 125	3	20
n-Hexane	<0.49		50.0	46.8		ug/L		94	65 - 142	4	20
N-Propylbenzene	<0.41		50.0	52.4		ug/L		105	69 - 127	3	20
o-Xylene	<0.22		50.0	51.8		ug/L		104	70 - 120	5	20
p-Isopropyltoluene	<0.36		50.0	53.2		ug/L		106	70 - 125	3	20
sec-Butylbenzene	<0.40		50.0	52.7		ug/L		105	70 - 123	2	20
Styrene	<0.39		50.0	51.3		ug/L		103	70 - 120	5	20
tert-Butylbenzene	<0.40		50.0	54.9		ug/L		110	70 - 121	1	20
Tetrachloroethene	4.0		50.0	61.6		ug/L		115	70 - 128	3	20
Tetrahydrofuran	<1.9		100	93.8		ug/L		94	59 - 139	0	20
Toluene	<0.15		50.0	49.8		ug/L		100	70 - 125	5	20
trans-1,2-Dichloroethene	<0.35		50.0	52.4		ug/L		105	70 - 125	3	20
trans-1,3-Dichloropropene	<0.36		50.0	46.9		ug/L		94	62 - 128	1	20
Trichloroethene	0.25	J	50.0	56.1		ug/L		112	70 - 125	1	20
Trichlorofluoromethane	<0.43		50.0	48.3		ug/L		97	55 - 128	7	20
Vinyl chloride	<0.20		50.0	51.0		ug/L		102	64 - 126	3	20
Xylenes, Total	<0.22		100	103		ug/L		103	70 - 125	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 120*
Toluene-d8 (Surr)	*94*		*75 - 120*

Lab Sample ID: MB 500-737844/8
Matrix: Water
Analysis Batch: 737844

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/19/23 12:30	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/19/23 12:30	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/19/23 12:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/19/23 12:30	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/19/23 12:30	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/19/23 12:30	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/19/23 12:30	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/19/23 12:30	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/19/23 12:30	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/19/23 12:30	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/19/23 12:30	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/19/23 12:30	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/19/23 12:30	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/19/23 12:30	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/19/23 12:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-737844/8
Matrix: Water
Analysis Batch: 737844

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/19/23 12:30	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/19/23 12:30	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/19/23 12:30	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/19/23 12:30	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/19/23 12:30	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/19/23 12:30	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/19/23 12:30	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/19/23 12:30	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/19/23 12:30	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/19/23 12:30	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/19/23 12:30	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/19/23 12:30	1
Acetone	<1.7		10	1.7	ug/L			10/19/23 12:30	1
Benzene	<0.15		0.50	0.15	ug/L			10/19/23 12:30	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/19/23 12:30	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/19/23 12:30	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/19/23 12:30	1
Bromoform	<0.48		1.0	0.48	ug/L			10/19/23 12:30	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/19/23 12:30	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/19/23 12:30	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/19/23 12:30	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/19/23 12:30	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/19/23 12:30	1
Chloroform	<0.37		2.0	0.37	ug/L			10/19/23 12:30	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/19/23 12:30	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/19/23 12:30	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/19/23 12:30	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/19/23 12:30	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/19/23 12:30	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/19/23 12:30	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/19/23 12:30	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/19/23 12:30	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/19/23 12:30	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 12:30	1
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/19/23 12:30	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/19/23 12:30	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/19/23 12:30	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/19/23 12:30	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/19/23 12:30	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/19/23 12:30	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/19/23 12:30	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/19/23 12:30	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/19/23 12:30	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 12:30	1
Styrene	<0.39		1.0	0.39	ug/L			10/19/23 12:30	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/19/23 12:30	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/19/23 12:30	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/19/23 12:30	1
Toluene	<0.15		0.50	0.15	ug/L			10/19/23 12:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-737844/8
Matrix: Water
Analysis Batch: 737844

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/19/23 12:30	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/19/23 12:30	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/19/23 12:30	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/19/23 12:30	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/19/23 12:30	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/19/23 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*75 - 126*		*10/19/23 12:30*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*		*10/19/23 12:30*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 120*		*10/19/23 12:30*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*10/19/23 12:30*	*1*

Lab Sample ID: LCS 500-737844/5
Matrix: Water
Analysis Batch: 737844

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	57.4		ug/L		115	70 - 125
1,1,1-Trichloroethane	50.0	54.4		ug/L		109	70 - 125
1,1,2,2-Tetrachloroethane	50.0	51.1		ug/L		102	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.5		ug/L		107	70 - 123
1,1,2-Trichloroethane	50.0	52.0		ug/L		104	71 - 130
1,1-Dichloroethane	50.0	53.2		ug/L		106	70 - 125
1,1-Dichloroethene	50.0	49.0		ug/L		98	67 - 122
1,1-Dichloropropene	50.0	53.3		ug/L		107	70 - 121
1,2,3-Trichlorobenzene	50.0	53.1		ug/L		106	51 - 145
1,2,3-Trichloropropane	50.0	51.9		ug/L		104	50 - 133
1,2,4-Trichlorobenzene	50.0	51.3		ug/L		103	57 - 137
1,2,4-Trimethylbenzene	50.0	51.6		ug/L		103	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	55.2		ug/L		110	56 - 123
1,2-Dibromoethane	50.0	54.5		ug/L		109	70 - 125
1,2-Dichlorobenzene	50.0	52.5		ug/L		105	70 - 125
1,2-Dichloroethane	50.0	57.6		ug/L		115	68 - 127
1,2-Dichloropropane	50.0	52.8		ug/L		106	67 - 130
1,3,5-Trimethylbenzene	50.0	52.5		ug/L		105	70 - 123
1,3-Dichlorobenzene	50.0	50.7		ug/L		101	70 - 125
1,3-Dichloropropane	50.0	55.2		ug/L		110	62 - 136
1,4-Dichlorobenzene	50.0	50.3		ug/L		101	70 - 120
2,2-Dichloropropane	50.0	51.0		ug/L		102	58 - 139
2-Butanone (MEK)	50.0	51.2		ug/L		102	46 - 144
2-Chlorotoluene	50.0	51.8		ug/L		104	70 - 125
2-Hexanone	50.0	47.6		ug/L		95	54 - 146
4-Chlorotoluene	50.0	52.5		ug/L		105	68 - 124
4-Methyl-2-pentanone (MIBK)	50.0	47.5		ug/L		95	55 - 139
Acetone	50.0	49.5		ug/L		99	40 - 143
Benzene	50.0	52.0		ug/L		104	70 - 120
Bromobenzene	50.0	49.4		ug/L		99	70 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-737844/5
Matrix: Water
Analysis Batch: 737844

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	50.0	50.7		ug/L		101	65 - 122
Bromodichloromethane	50.0	54.0		ug/L		108	69 - 120
Bromoform	50.0	58.3		ug/L		117	56 - 132
Bromomethane	50.0	53.0		ug/L		106	40 - 152
Carbon disulfide	50.0	51.1		ug/L		102	66 - 120
Carbon tetrachloride	50.0	58.4		ug/L		117	59 - 133
Chlorobenzene	50.0	53.1		ug/L		106	70 - 120
Chloroethane	50.0	46.3		ug/L		93	48 - 136
Chloroform	50.0	52.5		ug/L		105	70 - 120
Chloromethane	50.0	55.0		ug/L		110	56 - 152
cis-1,2-Dichloroethene	50.0	50.4		ug/L		101	70 - 125
cis-1,3-Dichloropropene	50.0	55.4		ug/L		111	64 - 127
Dibromochloromethane	50.0	59.6		ug/L		119	68 - 125
Dibromomethane	50.0	53.7		ug/L		107	70 - 120
Dichlorodifluoromethane	50.0	58.8		ug/L		118	40 - 159
Diisopropyl ether	50.0	48.8		ug/L		98	57 - 117
Ethylbenzene	50.0	52.5		ug/L		105	70 - 123
Hexachlorobutadiene	50.0	56.1		ug/L		112	51 - 150
Isopropylbenzene	50.0	49.2		ug/L		98	70 - 126
m-Xylene & p-Xylene	50.0	52.5		ug/L		105	70 - 125
Methyl tert-butyl ether	50.0	47.7		ug/L		95	55 - 123
Methylene Chloride	50.0	46.4		ug/L		93	69 - 125
Naphthalene	50.0	50.9		ug/L		102	53 - 144
n-Butylbenzene	50.0	51.3		ug/L		103	68 - 125
n-Hexane	50.0	46.6		ug/L		93	65 - 142
N-Propylbenzene	50.0	51.2		ug/L		102	69 - 127
o-Xylene	50.0	52.4		ug/L		105	70 - 120
p-Isopropyltoluene	50.0	51.5		ug/L		103	70 - 125
sec-Butylbenzene	50.0	50.1		ug/L		100	70 - 123
Styrene	50.0	52.3		ug/L		105	70 - 120
tert-Butylbenzene	50.0	50.7		ug/L		101	70 - 121
Tetrachloroethene	50.0	52.3		ug/L		105	70 - 128
Tetrahydrofuran	100	87.0		ug/L		87	59 - 139
Toluene	50.0	49.1		ug/L		98	70 - 125
trans-1,2-Dichloroethene	50.0	49.7		ug/L		99	70 - 125
trans-1,3-Dichloropropene	50.0	54.7		ug/L		109	62 - 128
Trichloroethene	50.0	53.1		ug/L		106	70 - 125
Trichlorofluoromethane	50.0	58.6		ug/L		117	55 - 128
Vinyl chloride	50.0	55.9		ug/L		112	64 - 126
Xylenes, Total	100	105		ug/L		105	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 120*
Toluene-d8 (Surr)	*101*		*75 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241079-22 MS
Matrix: Ground Water
Analysis Batch: 737844

Client Sample ID: MW-5D3-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.46		50.0	45.0		ug/L		90	70 - 125
1,1,1-Trichloroethane	<0.38		50.0	42.0		ug/L		84	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	38.9		ug/L		78	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	38.4		ug/L		77	70 - 123
1,1,2-Trichloroethane	<0.35		50.0	40.7		ug/L		81	71 - 130
1,1-Dichloroethane	<0.41		50.0	41.7		ug/L		83	70 - 125
1,1-Dichloroethene	<0.39		50.0	38.3		ug/L		77	67 - 122
1,1-Dichloropropene	<0.30		50.0	40.3		ug/L		81	70 - 121
1,2,3-Trichlorobenzene	<0.46		50.0	38.3		ug/L		77	51 - 145
1,2,3-Trichloropropane	<0.41		50.0	38.1		ug/L		76	50 - 133
1,2,4-Trichlorobenzene	<0.34		50.0	37.9		ug/L		76	57 - 137
1,2,4-Trimethylbenzene	<0.36		50.0	37.7		ug/L		75	70 - 123
1,2-Dibromo-3-Chloropropane	<2.0		50.0	39.7		ug/L		79	56 - 123
1,2-Dibromoethane	<0.39		50.0	39.9		ug/L		80	70 - 125
1,2-Dichlorobenzene	<0.33		50.0	40.8		ug/L		82	70 - 125
1,2-Dichloroethane	<0.39		50.0	47.8		ug/L		96	68 - 127
1,2-Dichloropropane	<0.43		50.0	43.7		ug/L		87	67 - 130
1,3,5-Trimethylbenzene	<0.25		50.0	37.0		ug/L		74	70 - 123
1,3-Dichlorobenzene	<0.40		50.0	38.5		ug/L		77	70 - 125
1,3-Dichloropropane	<0.36		50.0	41.8		ug/L		84	62 - 136
1,4-Dichlorobenzene	<0.36		50.0	38.2		ug/L		76	70 - 120
2,2-Dichloropropane	<0.44		50.0	36.7		ug/L		73	58 - 139
2-Butanone (MEK)	<2.1		50.0	36.2		ug/L		72	46 - 144
2-Chlorotoluene	<0.31		50.0	37.6		ug/L		75	70 - 125
2-Hexanone	<1.6		50.0	33.3		ug/L		67	54 - 146
4-Chlorotoluene	<0.35		50.0	38.0		ug/L		76	68 - 124
4-Methyl-2-pentanone (MIBK)	<2.2		50.0	33.5		ug/L		67	55 - 139
Acetone	<1.7		50.0	32.0		ug/L		64	40 - 143
Benzene	<0.15		50.0	40.6		ug/L		81	70 - 120
Bromobenzene	<0.36		50.0	38.4		ug/L		77	70 - 122
Bromochloromethane	<0.43		50.0	44.2		ug/L		88	65 - 122
Bromodichloromethane	<0.37		50.0	44.2		ug/L		88	69 - 120
Bromoform	<0.48		50.0	45.2		ug/L		90	56 - 132
Bromomethane	<0.80		50.0	45.6		ug/L		91	40 - 152
Carbon disulfide	<0.45		50.0	40.3		ug/L		81	66 - 120
Carbon tetrachloride	<0.38		50.0	44.9		ug/L		90	59 - 133
Chlorobenzene	<0.39		50.0	41.7		ug/L		83	70 - 120
Chloroethane	<0.51		50.0	37.2		ug/L		74	48 - 136
Chloroform	<0.37		50.0	42.3		ug/L		85	70 - 120
Chloromethane	<0.32		50.0	45.7		ug/L		91	56 - 152
cis-1,2-Dichloroethene	<0.41		50.0	40.1		ug/L		80	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	40.7		ug/L		81	64 - 127
Dibromochloromethane	<0.49		50.0	45.6		ug/L		91	68 - 125
Dibromomethane	<0.27		50.0	45.8		ug/L		92	70 - 120
Dichlorodifluoromethane	<0.67		50.0	42.6		ug/L		85	40 - 159
Ethylbenzene	<0.18		50.0	37.5		ug/L		75	70 - 123
Hexachlorobutadiene	<0.45		50.0	39.0		ug/L		78	51 - 150
Isopropylbenzene	<0.39	F1	50.0	34.6	F1	ug/L		69	70 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241079-22 MS
Matrix: Ground Water
Analysis Batch: 737844

Client Sample ID: MW-5D3-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	<0.18		50.0	38.2		ug/L		76	70 - 125
Methyl tert-butyl ether	<0.39		50.0	38.0		ug/L		76	55 - 123
Methylene Chloride	<1.6		50.0	40.2		ug/L		80	69 - 125
Naphthalene	<0.34		50.0	34.5		ug/L		69	53 - 144
n-Butylbenzene	<0.39		50.0	35.6		ug/L		71	68 - 125
n-Hexane	<0.49	F1	50.0	31.5	F1	ug/L		63	65 - 142
N-Propylbenzene	<0.41		50.0	35.8		ug/L		72	69 - 127
o-Xylene	<0.22		50.0	38.8		ug/L		78	70 - 120
p-Isopropyltoluene	<0.36		50.0	36.1		ug/L		72	70 - 125
sec-Butylbenzene	<0.40		50.0	35.6		ug/L		71	70 - 123
Styrene	<0.39		50.0	39.9		ug/L		80	70 - 120
tert-Butylbenzene	<0.40		50.0	35.5		ug/L		71	70 - 121
Tetrachloroethene	<0.37		50.0	38.4		ug/L		77	70 - 128
Tetrahydrofuran	<1.9		100	64.4		ug/L		64	59 - 139
Toluene	<0.15		50.0	36.9		ug/L		74	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	40.0		ug/L		80	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	41.2		ug/L		82	62 - 128
Trichloroethene	<0.16		50.0	41.5		ug/L		83	70 - 125
Trichlorofluoromethane	<0.43		50.0	45.3		ug/L		91	55 - 128
Vinyl chloride	<0.20		50.0	44.2		ug/L		88	64 - 126
Xylenes, Total	<0.22		100	77.0		ug/L		77	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 126*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*
Dibromofluoromethane (Surr)	*107*		*75 - 120*
Toluene-d8 (Surr)	*97*		*75 - 120*

Lab Sample ID: 500-241079-22 MSD
Matrix: Ground Water
Analysis Batch: 737844

Client Sample ID: MW-5D3-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.46		50.0	47.1		ug/L		94	70 - 125	4	20
1,1,1-Trichloroethane	<0.38		50.0	42.5		ug/L		85	70 - 125	1	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	41.0		ug/L		82	62 - 140	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	36.3		ug/L		73	70 - 123	5	20
1,1,2-Trichloroethane	<0.35		50.0	43.5		ug/L		87	71 - 130	7	20
1,1-Dichloroethane	<0.41		50.0	42.9		ug/L		86	70 - 125	3	20
1,1-Dichloroethene	<0.39		50.0	37.8		ug/L		76	67 - 122	1	20
1,1-Dichloropropene	<0.30		50.0	40.0		ug/L		80	70 - 121	1	20
1,2,3-Trichlorobenzene	<0.46		50.0	39.6		ug/L		79	51 - 145	3	20
1,2,3-Trichloropropane	<0.41		50.0	41.3		ug/L		83	50 - 133	8	20
1,2,4-Trichlorobenzene	<0.34		50.0	38.5		ug/L		77	57 - 137	2	20
1,2,4-Trimethylbenzene	<0.36		50.0	38.8		ug/L		78	70 - 123	3	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	43.4		ug/L		87	56 - 123	9	20
1,2-Dibromoethane	<0.39		50.0	43.2		ug/L		86	70 - 125	8	20
1,2-Dichlorobenzene	<0.33		50.0	42.3		ug/L		85	70 - 125	4	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241079-22 MSD
Matrix: Ground Water
Analysis Batch: 737844

Client Sample ID: MW-5D3-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	<0.39		50.0	48.7		ug/L		97	68 - 127	2	20
1,2-Dichloropropane	<0.43		50.0	44.9		ug/L		90	67 - 130	3	20
1,3,5-Trimethylbenzene	<0.25		50.0	38.5		ug/L		77	70 - 123	4	20
1,3-Dichlorobenzene	<0.40		50.0	40.0		ug/L		80	70 - 125	4	20
1,3-Dichloropropane	<0.36		50.0	45.0		ug/L		90	62 - 136	8	20
1,4-Dichlorobenzene	<0.36		50.0	40.2		ug/L		80	70 - 120	5	20
2,2-Dichloropropane	<0.44		50.0	37.3		ug/L		75	58 - 139	1	20
2-Butanone (MEK)	<2.1		50.0	36.5		ug/L		73	46 - 144	1	20
2-Chlorotoluene	<0.31		50.0	40.1		ug/L		80	70 - 125	7	20
2-Hexanone	<1.6		50.0	35.9		ug/L		72	54 - 146	7	20
4-Chlorotoluene	<0.35		50.0	40.1		ug/L		80	68 - 124	5	20
4-Methyl-2-pentanone (MIBK)	<2.2		50.0	36.9		ug/L		74	55 - 139	10	20
Acetone	<1.7		50.0	32.6		ug/L		65	40 - 143	2	20
Benzene	<0.15		50.0	41.6		ug/L		83	70 - 120	3	20
Bromobenzene	<0.36		50.0	41.3		ug/L		83	70 - 122	7	20
Bromochloromethane	<0.43		50.0	44.5		ug/L		89	65 - 122	1	20
Bromodichloromethane	<0.37		50.0	46.0		ug/L		92	69 - 120	4	20
Bromoform	<0.48		50.0	47.2		ug/L		94	56 - 132	4	20
Bromomethane	<0.80		50.0	44.6		ug/L		89	40 - 152	2	20
Carbon disulfide	<0.45		50.0	40.0		ug/L		80	66 - 120	1	20
Carbon tetrachloride	<0.38		50.0	44.0		ug/L		88	59 - 133	2	20
Chlorobenzene	<0.39		50.0	41.9		ug/L		84	70 - 120	0	20
Chloroethane	<0.51		50.0	36.7		ug/L		73	48 - 136	1	20
Chloroform	<0.37		50.0	43.6		ug/L		87	70 - 120	3	20
Chloromethane	<0.32		50.0	44.3		ug/L		89	56 - 152	3	20
cis-1,2-Dichloroethene	<0.41		50.0	40.9		ug/L		82	70 - 125	2	20
cis-1,3-Dichloropropene	<0.42		50.0	43.6		ug/L		87	64 - 127	7	20
Dibromochloromethane	<0.49		50.0	46.9		ug/L		94	68 - 125	3	20
Dibromomethane	<0.27		50.0	46.4		ug/L		93	70 - 120	1	20
Dichlorodifluoromethane	<0.67		50.0	42.9		ug/L		86	40 - 159	1	20
Ethylbenzene	<0.18		50.0	38.9		ug/L		78	70 - 123	4	20
Hexachlorobutadiene	<0.45		50.0	39.4		ug/L		79	51 - 150	1	20
Isopropylbenzene	<0.39	F1	50.0	36.1		ug/L		72	70 - 126	4	20
m-Xylene & p-Xylene	<0.18		50.0	38.8		ug/L		78	70 - 125	2	20
Methyl tert-butyl ether	<0.39		50.0	39.9		ug/L		80	55 - 123	5	20
Methylene Chloride	<1.6		50.0	41.6		ug/L		83	69 - 125	3	20
Naphthalene	<0.34		50.0	38.4		ug/L		77	53 - 144	11	20
n-Butylbenzene	<0.39		50.0	36.2		ug/L		72	68 - 125	2	20
n-Hexane	<0.49	F1	50.0	32.1	F1	ug/L		64	65 - 142	2	20
N-Propylbenzene	<0.41		50.0	37.8		ug/L		76	69 - 127	5	20
o-Xylene	<0.22		50.0	40.4		ug/L		81	70 - 120	4	20
p-Isopropyltoluene	<0.36		50.0	36.1		ug/L		72	70 - 125	0	20
sec-Butylbenzene	<0.40		50.0	35.7		ug/L		71	70 - 123	0	20
Styrene	<0.39		50.0	40.6		ug/L		81	70 - 120	2	20
tert-Butylbenzene	<0.40		50.0	36.8		ug/L		74	70 - 121	4	20
Tetrachloroethene	<0.37		50.0	39.2		ug/L		78	70 - 128	2	20
Tetrahydrofuran	<1.9		100	68.1		ug/L		68	59 - 139	5	20
Toluene	<0.15		50.0	37.8		ug/L		76	70 - 125	3	20
trans-1,2-Dichloroethene	<0.35		50.0	40.4		ug/L		81	70 - 125	1	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241079-22 MSD
Matrix: Ground Water
Analysis Batch: 737844

Client Sample ID: MW-5D3-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	<0.36		50.0	45.0		ug/L		90	62 - 128	9	20
Trichloroethene	<0.16		50.0	41.4		ug/L		83	70 - 125	0	20
Trichlorofluoromethane	<0.43		50.0	44.8		ug/L		90	55 - 128	1	20
Vinyl chloride	<0.20		50.0	43.0		ug/L		86	64 - 126	3	20
Xylenes, Total	<0.22		100	79.3		ug/L		79	70 - 125	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 126*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*
Dibromofluoromethane (Surr)	*106*		*75 - 120*
Toluene-d8 (Surr)	*98*		*75 - 120*

Lab Sample ID: MB 500-738027/6
Matrix: Water
Analysis Batch: 738027

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/20/23 10:41	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/20/23 10:41	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/20/23 10:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/20/23 10:41	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/20/23 10:41	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/20/23 10:41	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/20/23 10:41	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/20/23 10:41	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/20/23 10:41	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/20/23 10:41	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/20/23 10:41	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/20/23 10:41	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/20/23 10:41	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/20/23 10:41	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/20/23 10:41	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/20/23 10:41	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/20/23 10:41	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/20/23 10:41	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/20/23 10:41	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/20/23 10:41	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/20/23 10:41	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/20/23 10:41	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/20/23 10:41	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/20/23 10:41	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/20/23 10:41	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/20/23 10:41	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/20/23 10:41	1
Acetone	<1.7		10	1.7	ug/L			10/20/23 10:41	1
Benzene	<0.15		0.50	0.15	ug/L			10/20/23 10:41	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/20/23 10:41	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/20/23 10:41	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-738027/6
Matrix: Water
Analysis Batch: 738027

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/20/23 10:41	1
Bromoform	<0.48		1.0	0.48	ug/L			10/20/23 10:41	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/20/23 10:41	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/20/23 10:41	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/20/23 10:41	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/20/23 10:41	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/20/23 10:41	1
Chloroform	<0.37		2.0	0.37	ug/L			10/20/23 10:41	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/20/23 10:41	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/20/23 10:41	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/20/23 10:41	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/20/23 10:41	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/20/23 10:41	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/20/23 10:41	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/20/23 10:41	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/20/23 10:41	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/20/23 10:41	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 10:41	1
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/20/23 10:41	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/20/23 10:41	1
Methylene Chloride	3.75	J	5.0	1.6	ug/L			10/20/23 10:41	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/20/23 10:41	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/20/23 10:41	1
n-Hexane	0.515	J	1.0	0.49	ug/L			10/20/23 10:41	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/20/23 10:41	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/20/23 10:41	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/20/23 10:41	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 10:41	1
Styrene	<0.39		1.0	0.39	ug/L			10/20/23 10:41	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/20/23 10:41	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/20/23 10:41	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/20/23 10:41	1
Toluene	<0.15		0.50	0.15	ug/L			10/20/23 10:41	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/20/23 10:41	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/20/23 10:41	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/20/23 10:41	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/20/23 10:41	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/20/23 10:41	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/20/23 10:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*75 - 126*		*10/20/23 10:41*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*10/20/23 10:41*	*1*
Dibromofluoromethane (Surr)	*85*		*75 - 120*		*10/20/23 10:41*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/20/23 10:41*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-738027/4
Matrix: Water
Analysis Batch: 738027

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	41.8		ug/L		84	70 - 125
1,1,1-Trichloroethane	50.0	46.6		ug/L		93	70 - 125
1,1,2,2-Tetrachloroethane	50.0	40.0		ug/L		80	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.2		ug/L		94	70 - 123
1,1,2-Trichloroethane	50.0	42.3		ug/L		85	71 - 130
1,1-Dichloroethane	50.0	44.5		ug/L		89	70 - 125
1,1-Dichloroethene	50.0	45.0		ug/L		90	67 - 122
1,1-Dichloropropene	50.0	47.7		ug/L		95	70 - 121
1,2,3-Trichlorobenzene	50.0	39.0		ug/L		78	51 - 145
1,2,3-Trichloropropane	50.0	45.2		ug/L		90	50 - 133
1,2,4-Trichlorobenzene	50.0	40.4		ug/L		81	57 - 137
1,2,4-Trimethylbenzene	50.0	46.7		ug/L		93	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	31.8		ug/L		64	56 - 123
1,2-Dibromoethane	50.0	43.0		ug/L		86	70 - 125
1,2-Dichlorobenzene	50.0	44.6		ug/L		89	70 - 125
1,2-Dichloroethane	50.0	45.5		ug/L		91	68 - 127
1,2-Dichloropropane	50.0	45.8		ug/L		92	67 - 130
1,3,5-Trimethylbenzene	50.0	48.0		ug/L		96	70 - 123
1,3-Dichlorobenzene	50.0	45.9		ug/L		92	70 - 125
1,3-Dichloropropane	50.0	46.8		ug/L		94	62 - 136
1,4-Dichlorobenzene	50.0	45.0		ug/L		90	70 - 120
2,2-Dichloropropane	50.0	46.3		ug/L		93	58 - 139
2-Butanone (MEK)	50.0	38.6		ug/L		77	46 - 144
2-Chlorotoluene	50.0	46.5		ug/L		93	70 - 125
2-Hexanone	50.0	33.9		ug/L		68	54 - 146
4-Chlorotoluene	50.0	47.0		ug/L		94	68 - 124
4-Methyl-2-pentanone (MIBK)	50.0	34.4		ug/L		69	55 - 139
Acetone	50.0	38.5		ug/L		77	40 - 143
Benzene	50.0	46.4		ug/L		93	70 - 120
Bromobenzene	50.0	48.1		ug/L		96	70 - 122
Bromochloromethane	50.0	44.9		ug/L		90	65 - 122
Bromodichloromethane	50.0	39.8		ug/L		80	69 - 120
Bromoform	50.0	34.3		ug/L		69	56 - 132
Bromomethane	50.0	37.0		ug/L		74	40 - 152
Carbon disulfide	50.0	40.6		ug/L		81	66 - 120
Carbon tetrachloride	50.0	43.0		ug/L		86	59 - 133
Chlorobenzene	50.0	46.7		ug/L		93	70 - 120
Chloroethane	50.0	45.3		ug/L		91	48 - 136
Chloroform	50.0	45.2		ug/L		90	70 - 120
Chloromethane	50.0	43.1		ug/L		86	56 - 152
cis-1,2-Dichloroethene	50.0	45.8		ug/L		92	70 - 125
cis-1,3-Dichloropropene	50.0	41.9		ug/L		84	64 - 127
Dibromochloromethane	50.0	38.1		ug/L		76	68 - 125
Dibromomethane	50.0	40.7		ug/L		81	70 - 120
Dichlorodifluoromethane	50.0	44.1		ug/L		88	40 - 159
Ethylbenzene	50.0	44.2		ug/L		88	70 - 123
Hexachlorobutadiene	50.0	55.4		ug/L		111	51 - 150
Isopropylbenzene	50.0	47.3		ug/L		95	70 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-738027/4
Matrix: Water
Analysis Batch: 738027

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	50.0	44.9		ug/L		90	70 - 125
Methyl tert-butyl ether	50.0	46.2		ug/L		92	55 - 123
Methylene Chloride	50.0	42.7		ug/L		85	69 - 125
Naphthalene	50.0	34.2		ug/L		68	53 - 144
n-Butylbenzene	50.0	43.4		ug/L		87	68 - 125
n-Hexane	50.0	40.3		ug/L		81	65 - 142
N-Propylbenzene	50.0	47.6		ug/L		95	69 - 127
o-Xylene	50.0	44.2		ug/L		88	70 - 120
p-Isopropyltoluene	50.0	47.3		ug/L		95	70 - 125
sec-Butylbenzene	50.0	46.8		ug/L		94	70 - 123
Styrene	50.0	43.8		ug/L		88	70 - 120
tert-Butylbenzene	50.0	48.9		ug/L		98	70 - 121
Tetrachloroethene	50.0	50.1		ug/L		100	70 - 128
Tetrahydrofuran	100	81.6		ug/L		82	59 - 139
Toluene	50.0	43.5		ug/L		87	70 - 125
trans-1,2-Dichloroethene	50.0	45.3		ug/L		91	70 - 125
trans-1,3-Dichloropropene	50.0	41.3		ug/L		83	62 - 128
Trichloroethene	50.0	47.7		ug/L		95	70 - 125
Trichlorofluoromethane	50.0	43.3		ug/L		87	55 - 128
Vinyl chloride	50.0	36.3		ug/L		73	64 - 126
Xylenes, Total	100	89.1		ug/L		89	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 120*
Toluene-d8 (Surr)	*94*		*75 - 120*

Lab Sample ID: 500-241079-35 MS
Matrix: Ground Water
Analysis Batch: 738027

Client Sample ID: DUP-03-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.46		50.0	47.6		ug/L		95	70 - 125
1,1,1-Trichloroethane	<0.38		50.0	53.1		ug/L		106	70 - 125
1,1,2,2-Tetrachloroethane	<0.40	^c	50.0	44.7		ug/L		89	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	53.4		ug/L		107	70 - 123
1,1,2-Trichloroethane	<0.35		50.0	47.0		ug/L		94	71 - 130
1,1-Dichloroethane	<0.41		50.0	50.0		ug/L		100	70 - 125
1,1-Dichloroethene	<0.39		50.0	50.3		ug/L		101	67 - 122
1,1-Dichloropropene	<0.30		50.0	53.0		ug/L		106	70 - 121
1,2,3-Trichlorobenzene	<0.46	^c	50.0	42.2		ug/L		84	51 - 145
1,2,3-Trichloropropane	<0.41		50.0	52.3		ug/L		105	50 - 133
1,2,4-Trichlorobenzene	<0.34		50.0	42.4		ug/L		85	57 - 137
1,2,4-Trimethylbenzene	<0.36		50.0	49.9		ug/L		100	70 - 123
1,2-Dibromo-3-Chloropropane	<2.0	^c	50.0	38.6		ug/L		77	56 - 123
1,2-Dibromoethane	<0.39		50.0	47.9		ug/L		96	70 - 125
1,2-Dichlorobenzene	<0.33		50.0	49.3		ug/L		99	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241079-35 MS
Matrix: Ground Water
Analysis Batch: 738027

Client Sample ID: DUP-03-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	<0.39		50.0	52.8		ug/L		106	68 - 127
1,2-Dichloropropane	<0.43		50.0	49.8		ug/L		100	67 - 130
1,3,5-Trimethylbenzene	<0.25		50.0	51.3		ug/L		103	70 - 123
1,3-Dichlorobenzene	<0.40		50.0	49.6		ug/L		99	70 - 125
1,3-Dichloropropane	<0.36		50.0	50.2		ug/L		100	62 - 136
1,4-Dichlorobenzene	<0.36		50.0	50.3		ug/L		101	70 - 120
2,2-Dichloropropane	<0.44		50.0	49.5		ug/L		99	58 - 139
2-Butanone (MEK)	<2.1	^c	50.0	43.8		ug/L		88	46 - 144
2-Chlorotoluene	<0.31		50.0	51.1		ug/L		102	70 - 125
2-Hexanone	<1.6	^c	50.0	36.4		ug/L		73	54 - 146
4-Chlorotoluene	<0.35		50.0	50.6		ug/L		101	68 - 124
4-Methyl-2-pentanone (MIBK)	<2.2	^c	50.0	36.0		ug/L		72	55 - 139
Acetone	<1.7	^c	50.0	41.2		ug/L		82	40 - 143
Benzene	<0.15		50.0	50.3		ug/L		101	70 - 120
Bromobenzene	<0.36		50.0	53.9		ug/L		108	70 - 122
Bromochloromethane	<0.43		50.0	51.2		ug/L		102	65 - 122
Bromodichloromethane	<0.37		50.0	48.9		ug/L		98	69 - 120
Bromoform	<0.48	^c	50.0	42.9		ug/L		86	56 - 132
Bromomethane	<0.80		50.0	36.5		ug/L		73	40 - 152
Carbon disulfide	<0.45		50.0	47.0		ug/L		94	66 - 120
Carbon tetrachloride	<0.38		50.0	52.9		ug/L		106	59 - 133
Chlorobenzene	<0.39		50.0	50.5		ug/L		101	70 - 120
Chloroethane	<0.51		50.0	45.0		ug/L		90	48 - 136
Chloroform	<0.37		50.0	51.0		ug/L		102	70 - 120
Chloromethane	<0.32	F2	50.0	35.0		ug/L		70	56 - 152
cis-1,2-Dichloroethene	<0.41		50.0	50.1		ug/L		100	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	45.7		ug/L		91	64 - 127
Dibromochloromethane	<0.49		50.0	45.5		ug/L		91	68 - 125
Dibromomethane	<0.27		50.0	48.7		ug/L		97	70 - 120
Dichlorodifluoromethane	<0.67		50.0	43.5		ug/L		87	40 - 159
Ethylbenzene	<0.18		50.0	48.1		ug/L		96	70 - 123
Hexachlorobutadiene	<0.45		50.0	58.1		ug/L		116	51 - 150
Isopropylbenzene	<0.39		50.0	53.5		ug/L		107	70 - 126
m-Xylene & p-Xylene	<0.18		50.0	47.9		ug/L		96	70 - 125
Methyl tert-butyl ether	<0.39		50.0	52.2		ug/L		104	55 - 123
Methylene Chloride	2.2	J B	50.0	49.2		ug/L		94	69 - 125
Naphthalene	<0.34	^c	50.0	38.5		ug/L		77	53 - 144
n-Butylbenzene	<0.39		50.0	45.8		ug/L		92	68 - 125
n-Hexane	<0.49		50.0	45.3		ug/L		91	65 - 142
N-Propylbenzene	<0.41		50.0	50.1		ug/L		100	69 - 127
o-Xylene	<0.22		50.0	48.3		ug/L		97	70 - 120
p-Isopropyltoluene	<0.36		50.0	50.9		ug/L		102	70 - 125
sec-Butylbenzene	<0.40		50.0	50.6		ug/L		101	70 - 123
Styrene	<0.39		50.0	47.6		ug/L		95	70 - 120
tert-Butylbenzene	<0.40		50.0	52.9		ug/L		106	70 - 121
Tetrachloroethene	<0.37		50.0	53.8		ug/L		108	70 - 128
Tetrahydrofuran	<1.9		100	92.0		ug/L		92	59 - 139
Toluene	<0.15		50.0	45.8		ug/L		92	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	50.5		ug/L		101	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241079-35 MS
Matrix: Ground Water
Analysis Batch: 738027

Client Sample ID: DUP-03-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	<0.36		50.0	45.3		ug/L		91	62 - 128
Trichloroethene	<0.16		50.0	53.6		ug/L		107	70 - 125
Trichlorofluoromethane	1.6		50.0	47.1		ug/L		91	55 - 128
Vinyl chloride	<0.20	^c F2	50.0	32.0		ug/L		64	64 - 126
Xylenes, Total	<0.22		100	96.2		ug/L		96	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 120*
Toluene-d8 (Surr)	*93*		*75 - 120*

Lab Sample ID: 500-241079-35 MSD
Matrix: Ground Water
Analysis Batch: 738027

Client Sample ID: DUP-03-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.46		50.0	47.2		ug/L		94	70 - 125	1	20
1,1,1-Trichloroethane	<0.38		50.0	52.3		ug/L		105	70 - 125	2	20
1,1,2,2-Tetrachloroethane	<0.40	^c	50.0	47.0		ug/L		94	62 - 140	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	52.5		ug/L		105	70 - 123	2	20
1,1,2-Trichloroethane	<0.35		50.0	47.8		ug/L		96	71 - 130	2	20
1,1-Dichloroethane	<0.41		50.0	49.2		ug/L		98	70 - 125	2	20
1,1-Dichloroethene	<0.39		50.0	51.9		ug/L		104	67 - 122	3	20
1,1-Dichloropropene	<0.30		50.0	52.1		ug/L		104	70 - 121	2	20
1,2,3-Trichlorobenzene	<0.46	^c	50.0	43.3		ug/L		87	51 - 145	3	20
1,2,3-Trichloropropane	<0.41		50.0	52.3		ug/L		105	50 - 133	0	20
1,2,4-Trichlorobenzene	<0.34		50.0	41.4		ug/L		83	57 - 137	2	20
1,2,4-Trimethylbenzene	<0.36		50.0	50.8		ug/L		102	70 - 123	2	20
1,2-Dibromo-3-Chloropropane	<2.0	^c	50.0	38.1		ug/L		76	56 - 123	1	20
1,2-Dibromoethane	<0.39		50.0	48.3		ug/L		97	70 - 125	1	20
1,2-Dichlorobenzene	<0.33		50.0	50.1		ug/L		100	70 - 125	2	20
1,2-Dichloroethane	<0.39		50.0	52.8		ug/L		106	68 - 127	0	20
1,2-Dichloropropane	<0.43		50.0	49.9		ug/L		100	67 - 130	0	20
1,3,5-Trimethylbenzene	<0.25		50.0	52.4		ug/L		105	70 - 123	2	20
1,3-Dichlorobenzene	<0.40		50.0	49.3		ug/L		99	70 - 125	1	20
1,3-Dichloropropane	<0.36		50.0	50.4		ug/L		101	62 - 136	1	20
1,4-Dichlorobenzene	<0.36		50.0	48.2		ug/L		96	70 - 120	4	20
2,2-Dichloropropane	<0.44		50.0	48.8		ug/L		98	58 - 139	1	20
2-Butanone (MEK)	<2.1	^c	50.0	46.0		ug/L		92	46 - 144	5	20
2-Chlorotoluene	<0.31		50.0	52.2		ug/L		104	70 - 125	2	20
2-Hexanone	<1.6	^c	50.0	38.7		ug/L		77	54 - 146	6	20
4-Chlorotoluene	<0.35		50.0	52.0		ug/L		104	68 - 124	3	20
4-Methyl-2-pentanone (MIBK)	<2.2	^c	50.0	36.5		ug/L		73	55 - 139	1	20
Acetone	<1.7	^c	50.0	43.1		ug/L		86	40 - 143	5	20
Benzene	<0.15		50.0	50.3		ug/L		101	70 - 120	0	20
Bromobenzene	<0.36		50.0	55.5		ug/L		111	70 - 122	3	20
Bromochloromethane	<0.43		50.0	50.2		ug/L		100	65 - 122	2	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241079-35 MSD
Matrix: Ground Water
Analysis Batch: 738027

Client Sample ID: DUP-03-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromodichloromethane	<0.37		50.0	49.3		ug/L		99	69 - 120	1	20
Bromoform	<0.48	^c	50.0	42.4		ug/L		85	56 - 132	1	20
Bromomethane	<0.80		50.0	41.4		ug/L		83	40 - 152	13	20
Carbon disulfide	<0.45		50.0	50.1		ug/L		100	66 - 120	6	20
Carbon tetrachloride	<0.38		50.0	52.3		ug/L		105	59 - 133	1	20
Chlorobenzene	<0.39		50.0	51.4		ug/L		103	70 - 120	2	20
Chloroethane	<0.51		50.0	46.7		ug/L		93	48 - 136	4	20
Chloroform	<0.37		50.0	50.2		ug/L		100	70 - 120	2	20
Chloromethane	<0.32	F2	50.0	44.9	F2	ug/L		90	56 - 152	25	20
cis-1,2-Dichloroethene	<0.41		50.0	49.9		ug/L		100	70 - 125	0	20
cis-1,3-Dichloropropene	<0.42		50.0	45.6		ug/L		91	64 - 127	0	20
Dibromochloromethane	<0.49		50.0	45.8		ug/L		92	68 - 125	1	20
Dibromomethane	<0.27		50.0	48.5		ug/L		97	70 - 120	1	20
Dichlorodifluoromethane	<0.67		50.0	41.9		ug/L		84	40 - 159	4	20
Ethylbenzene	<0.18		50.0	48.1		ug/L		96	70 - 123	0	20
Hexachlorobutadiene	<0.45		50.0	55.9		ug/L		112	51 - 150	4	20
Isopropylbenzene	<0.39		50.0	53.5		ug/L		107	70 - 126	0	20
m-Xylene & p-Xylene	<0.18		50.0	48.0		ug/L		96	70 - 125	0	20
Methyl tert-butyl ether	<0.39		50.0	52.7		ug/L		105	55 - 123	1	20
Methylene Chloride	2.2	J B	50.0	52.3		ug/L		100	69 - 125	6	20
Naphthalene	<0.34	^c	50.0	38.6		ug/L		77	53 - 144	0	20
n-Butylbenzene	<0.39		50.0	45.4		ug/L		91	68 - 125	1	20
n-Hexane	<0.49		50.0	43.8		ug/L		88	65 - 142	3	20
N-Propylbenzene	<0.41		50.0	51.0		ug/L		102	69 - 127	2	20
o-Xylene	<0.22		50.0	48.5		ug/L		97	70 - 120	0	20
p-Isopropyltoluene	<0.36		50.0	49.4		ug/L		99	70 - 125	3	20
sec-Butylbenzene	<0.40		50.0	49.5		ug/L		99	70 - 123	2	20
Styrene	<0.39		50.0	48.1		ug/L		96	70 - 120	1	20
tert-Butylbenzene	<0.40		50.0	53.3		ug/L		107	70 - 121	1	20
Tetrachloroethene	<0.37		50.0	54.1		ug/L		108	70 - 128	0	20
Tetrahydrofuran	<1.9		100	93.9		ug/L		94	59 - 139	2	20
Toluene	<0.15		50.0	45.1		ug/L		90	70 - 125	2	20
trans-1,2-Dichloroethene	<0.35		50.0	49.7		ug/L		99	70 - 125	2	20
trans-1,3-Dichloropropene	<0.36		50.0	45.3		ug/L		91	62 - 128	0	20
Trichloroethene	<0.16		50.0	54.4		ug/L		109	70 - 125	1	20
Trichlorofluoromethane	1.6		50.0	45.2		ug/L		87	55 - 128	4	20
Vinyl chloride	<0.20	^c F2	50.0	41.0	F2	ug/L		82	64 - 126	25	20
Xylenes, Total	<0.22		100	96.4		ug/L		96	70 - 125	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 120*
Toluene-d8 (Surr)	*90*		*75 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-738292/6
Matrix: Water
Analysis Batch: 738292

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/23/23 10:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*10/23/23 10:31*	*1*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*		*10/23/23 10:31*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*10/23/23 10:31*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/23/23 10:31*	*1*

Lab Sample ID: LCS 500-738292/4
Matrix: Water
Analysis Batch: 738292

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	50.0	45.8		ug/L		92	70 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 120*
Toluene-d8 (Surr)	*95*		*75 - 120*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 180-449480/1-A
Matrix: Water
Analysis Batch: 449647

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449480

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0048		0.010	0.0048	ug/L		10/17/23 22:15	10/20/23 03:50	1
PCB-1221	<0.0057		0.010	0.0057	ug/L		10/17/23 22:15	10/20/23 03:50	1
PCB-1232	<0.0052		0.010	0.0052	ug/L		10/17/23 22:15	10/20/23 03:50	1
PCB-1242	<0.0036		0.010	0.0036	ug/L		10/17/23 22:15	10/20/23 03:50	1
PCB-1248	<0.0080		0.010	0.0080	ug/L		10/17/23 22:15	10/20/23 03:50	1
PCB-1254	<0.0046		0.010	0.0046	ug/L		10/17/23 22:15	10/20/23 03:50	1
PCB-1260	<0.0039		0.010	0.0039	ug/L		10/17/23 22:15	10/20/23 03:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*48 - 129*	*10/17/23 22:15*	*10/20/23 03:50*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*36 - 117*	*10/17/23 22:15*	*10/20/23 03:50*	*1*

Lab Sample ID: LCS 180-449480/2-A
Matrix: Water
Analysis Batch: 449647

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449480

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1.00	0.767		ug/L		77	36 - 113
PCB-1260	1.00	0.658		ug/L		66	33 - 116

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCS 180-449480/2-A
Matrix: Water
Analysis Batch: 449647

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449480

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*103*		*48 - 129*
Tetrachloro-m-xylene (Surr)	*90*		*36 - 117*

Lab Sample ID: LCSD 180-449480/3-A
Matrix: Water
Analysis Batch: 449647

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 449480

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	0.798		ug/L		80	36 - 113	4	35
PCB-1260			1.00	0.660		ug/L		66	33 - 116	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*104*		*48 - 129*
Tetrachloro-m-xylene (Surr)	*93*		*36 - 117*

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

Lab Sample ID: MB 500-737342/1
Matrix: Water
Analysis Batch: 737342

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<4.3		10.0	4.3	mg/L			10/16/23 23:50	1

Lab Sample ID: LCS 500-737342/2
Matrix: Water
Analysis Batch: 737342

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			250	236.0		mg/L		94	80 - 120		

Lab Sample ID: 500-241079-23 MS
Matrix: Ground Water
Analysis Batch: 737342

Client Sample ID: MW-5S-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids	596		250	806.0		mg/L		84	75 - 125		

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 500-737686/1
Matrix: Water
Analysis Batch: 737686

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<1.9		5.0	1.9	mg/L			10/18/23 10:33	1

Method: SM 2540D - Solids, Total Suspended (TSS) (Continued)

Lab Sample ID: LCS 500-737686/2
Matrix: Water
Analysis Batch: 737686

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			200	171.0		mg/L		86	80 - 120		

Lab Sample ID: 500-241079-23 MS
Matrix: Ground Water
Analysis Batch: 737686

Client Sample ID: MW-5S-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids	<1.9		100	86.00		mg/L		86	75 - 125		

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MP-13 (163-167)-202310
Date Collected: 10/09/23 14:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737797	W1T	EET CHI	10/19/23 11:01
Total/NA	Analysis	8260D	DL	10	738027	PMF	EET CHI	10/20/23 13:31

Client Sample ID: MP-13 (135-139)-202310
Date Collected: 10/09/23 15:20
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	737797	W1T	EET CHI	10/19/23 11:25
Total/NA	Analysis	8260D	DL	50	737797	W1T	EET CHI	10/19/23 11:50

Client Sample ID: MP-13 (121-125)-202310
Date Collected: 10/09/23 15:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737797	W1T	EET CHI	10/19/23 12:14
Total/NA	Analysis	8260D	DL	10	737797	W1T	EET CHI	10/19/23 12:39

Client Sample ID: MP-13 (102-106)-202310
Date Collected: 10/09/23 16:15
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	737797	W1T	EET CHI	10/19/23 13:03
Total/NA	Analysis	8260D	DL	20	737797	W1T	EET CHI	10/19/23 13:27

Client Sample ID: MP-13 (081-085)-202310
Date Collected: 10/09/23 16:30
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737797	W1T	EET CHI	10/19/23 13:51
Total/NA	Analysis	8260D	DL	10	737797	W1T	EET CHI	10/19/23 14:15

Client Sample ID: MP-13 (067-071)-202310
Date Collected: 10/10/23 10:25
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737797	W1T	EET CHI	10/19/23 14:40

Client Sample ID: MP-13 (044-048)-202310
Date Collected: 10/10/23 10:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-7
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737797	W1T	EET CHI	10/19/23 15:04

Client Sample ID: MP-14 (170-178)-202310
Date Collected: 10/10/23 15:20
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-8
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	737797	W1T	EET CHI	10/19/23 15:29
Total/NA	Analysis	8260D	DL	20	737797	W1T	EET CHI	10/19/23 15:53

Client Sample ID: MP-14 (135-140)-202310
Date Collected: 10/10/23 15:45
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-9
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737797	W1T	EET CHI	10/19/23 16:18

Client Sample ID: MP-14 (100-105)-202310
Date Collected: 10/10/23 16:04
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-10
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737797	W1T	EET CHI	10/19/23 16:42

Client Sample ID: MP-15 (177-187)-202310
Date Collected: 10/10/23 11:40
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-11
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737797	W1T	EET CHI	10/19/23 17:06

Client Sample ID: MP-15 (142-146)-202310
Date Collected: 10/10/23 12:05
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-12
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	20	737797	W1T	EET CHI	10/19/23 17:31
Total/NA	Analysis	8260D		2	737797	W1T	EET CHI	10/19/23 17:55

Client Sample ID: MP-15 (120-125)-202310
Date Collected: 10/10/23 12:25
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-13
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 12:53
Total/NA	Analysis	8260D	DL	20	737844	W1T	EET CHI	10/19/23 13:15

Client Sample ID: MP-15 (100-105)-202310

Lab Sample ID: 500-241079-14

Date Collected: 10/10/23 12:50

Matrix: Ground Water

Date Received: 10/14/23 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 13:38
Total/NA	Analysis	8260D	DL	20	737844	W1T	EET CHI	10/19/23 14:01

Client Sample ID: MP-15 (088-092)-202310

Lab Sample ID: 500-241079-15

Date Collected: 10/10/23 13:20

Matrix: Ground Water

Date Received: 10/14/23 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	10	738027	PMF	EET CHI	10/20/23 13:55
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 14:24

Client Sample ID: MP-16 (175-179)-202310

Lab Sample ID: 500-241079-16

Date Collected: 10/10/23 16:50

Matrix: Ground Water

Date Received: 10/14/23 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 14:46

Client Sample ID: MP-16 (140-144)-202310

Lab Sample ID: 500-241079-17

Date Collected: 10/10/23 17:05

Matrix: Ground Water

Date Received: 10/14/23 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 15:09

Client Sample ID: MP-16 (106-116)-202310

Lab Sample ID: 500-241079-18

Date Collected: 10/10/23 17:20

Matrix: Ground Water

Date Received: 10/14/23 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 15:32

Client Sample ID: MW-4D2-202310

Lab Sample ID: 500-241079-19

Date Collected: 10/12/23 14:11

Matrix: Ground Water

Date Received: 10/14/23 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 15:55

Client Sample ID: MW-5D-202310

Lab Sample ID: 500-241079-20

Date Collected: 10/11/23 15:45

Matrix: Ground Water

Date Received: 10/14/23 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	DL	10	738027	PMF	EET CHI	10/20/23 14:20
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 16:18

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: MW-5D2-202310
Date Collected: 10/11/23 15:48
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-21
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	737844	W1T	EET CHI	10/19/23 16:41
Total/NA	Analysis	8260D	DL	100	737844	W1T	EET CHI	10/19/23 17:04

Client Sample ID: MW-5D3-202310
Date Collected: 10/11/23 16:31
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-22
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 19:22

Client Sample ID: MW-5S-202310
Date Collected: 10/11/23 15:07
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-23
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 17:27
Total/NA	Prep	3510C			449480	CBY	EET PIT	10/17/23 22:15
Total/NA	Analysis	EPA 8082A		1	449647	JMO	EET PIT	10/20/23 04:46
Total/NA	Analysis	SM 2540C		1	737342	CLB	EET CHI	10/17/23 00:19
Total/NA	Analysis	SM 2540D		1	737686	SO	EET CHI	10/18/23 11:14 - 10/18/23 11:16 [1]

Client Sample ID: MW-6D-202310
Date Collected: 10/12/23 10:23
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-24
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 17:50
Total/NA	Analysis	8260D	DL	10	737844	W1T	EET CHI	10/19/23 18:13

Client Sample ID: MW-6S-202310
Date Collected: 10/12/23 11:29
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-25
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 18:36

Client Sample ID: MW-9D-202310
Date Collected: 10/12/23 15:47
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-26
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	737844	W1T	EET CHI	10/19/23 18:59

Client Sample ID: MW-9D2-202310
Date Collected: 10/12/23 15:46
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-27
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738027	PMF	EET CHI	10/20/23 14:44
Total/NA	Analysis	8260D	DL	10	738292	W1T	EET CHI	10/23/23 16:21

Client Sample ID: MW-17-202310
Date Collected: 10/12/23 10:17
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-28
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738027	PMF	EET CHI	10/20/23 15:08
Total/NA	Analysis	8260D	DL	10	738027	PMF	EET CHI	10/20/23 15:32

Client Sample ID: MW-25D-202310
Date Collected: 10/11/23 12:04
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-29
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738027	PMF	EET CHI	10/20/23 15:57

Client Sample ID: MW-25D2-202310
Date Collected: 10/11/23 11:03
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-30
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738027	PMF	EET CHI	10/20/23 16:21

Client Sample ID: MW-27D-202310
Date Collected: 10/11/23 13:47
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-31
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738027	PMF	EET CHI	10/20/23 16:46

Client Sample ID: MW-27D2-202310
Date Collected: 10/11/23 13:46
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-32
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738027	PMF	EET CHI	10/20/23 17:10

Client Sample ID: DUP-01-202310
Date Collected: 10/11/23 00:00
Date Received: 10/14/23 11:20

Lab Sample ID: 500-241079-33
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738027	PMF	EET CHI	10/20/23 17:34
Total/NA	Analysis	8260D	DL	10	738027	PMF	EET CHI	10/20/23 17:59

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241079-1

Client Sample ID: DUP-02-202310

Lab Sample ID: 500-241079-34

Date Collected: 10/12/23 00:00

Matrix: Ground Water

Date Received: 10/14/23 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738027	PMF	EET CHI	10/20/23 18:23

Client Sample ID: DUP-03-202310

Lab Sample ID: 500-241079-35

Date Collected: 10/12/23 00:00

Matrix: Ground Water

Date Received: 10/14/23 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738027	PMF	EET CHI	10/20/23 18:47

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

Laboratory References:

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

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 500-241079-1
Project/Site: MKC Semi-Annual Sampling

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-24

Laboratory: Eurofins Pittsburgh

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998027800	08-31-24

Eurofins Chicago
2417 Bond Street

University Park, IL 60484-3101
phone 708 534 5200 fax 708 534 5211

Chain of Custody Record

urofins | Environment Testing America

500-241079 COC

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins Environment Testing America

Client Contact	Project Manager: Andy Stehn	Site Contact: Andy Stehn	Date: 10/13/2023	COC No
TRC Environmental	Email: astehn@trccompanies.com	Lab Contact: Sandie Fredrick	Carrier: FedEx	1 of 3 COCs
999 Fourier Dr Ste 101	Tel/Fax: 608-807-8112			TALS Project #
Madison, WI 53717	Analysis Turnaround Time			Sampler
608-234-7374 Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
	TAT if different from Below _____			Walk-In Client.
Project Name: MKC Sem-Annual Sampling	☐ 2 weeks			Lab Sampling
Site Madison Kipp	☐ 1 week			
P O # 197252	☐ 2 days			Job / SDG No
	☐ 1 day			500-241079

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOCs	TDS	TSS	PCBs	Sample Specific Notes
1	MP-13 (163-167)-202310	10/9/23	14 45	G	GW	3	N		x				
2	MP-13 (135-139)-202310	10/9/23	15 20	G	GW	3	N		x				
3	MP-13 (121-125)-202310	10/9/23	15 45	G	GW	3	N		x				
4	MP-13 (102-106)-202310	10/9/23	16 15	G	GW	3	N		x				
5	MP-13 (081-085)-202310	10/9/23	16 30	G	GW	3	N		x				
6	MP-13 (067-071)-202310	10/10/23	10 25	G	GW	3	N		x				
7	MP-13 (044-048)-202310	10/10/23	10 45	G	GW	3	N		x				
8	MP-14 (170-178)-202310	10/10/23	15 20	G	GW	3	N		x				
9	MP-14 (135-140)-202310	10/10/23	15 45	G	GW	3	N		x				
10	MP-14 (100-105)-202310	10/10/23	16 04	G	GW	3	N		x				
11	MP-15 (177-187)-202310	10/10/23	11 40	G	GW	3	N		x				
12	MP-15 (142-146)-202310	10/10/23	12 05	G	GW	3	N		x				
									2				

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

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 & Comments:
Shipment 1 of 2

4.6+4.4

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp (°C) Obs'd._____ Corr'd._____		Therm ID No. _____
Relinquished by:	Company: TRC	Date/Time: 10/13/23 1715	Received by	Company:	Date/Time
Relinquished by	Company	Date/Time:	Received by	Company:	Date/Time
Relinquished by	Company	Date/Time.	Received In Laboratory by: Stephanie Hernandez	Company: EETA	Date/Time 10/14/23 1120

Eurofins Chicago
2417 Bond Street

University Park, IL 60484-3101
phone 708 534 5200 fax 708 534 5211

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins Environment Testing America

Client Contact	Project Manager: Andy Stehn	Site Contact: Andy Stehn	Date: 10/13/2023	COC No: 2 of 3 COCs
TRC Environmental	Email: astehn@trccompanies.com	Lab Contact: Sandie Fredrick	Carrier: FedEx	TALS Project #
999 Fourier Dr Ste 101	Tel/Fax: 608-807-8112			Sampler
Madison, WI 53717	Analysis Turnaround Time			For Lab Use Only:
608-234-7374 Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-In Client
	TAT if different from Below ____			Lab Sampling
Project Name: MKC Sem-Annual Sampling	☐ 2 weeks			
Site:Madison Kipp	☐ 1 week			Job / SDG No
P O # 197252	☐ 2 days			500-241079
	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOCs	TDS	TSS	PCBs	Sample Specific Notes
13	MP-15 (120-125)-202310	10/10/23	12 25	G	GW	3	N		x				
14	MP-15 (100-105)-202310	10/10/23	12 50	G	GW	3	N		x				
15	MP-15 (088-092)-202310	10/10/23	13 20	G	GW	3	N		x				
16	MP-16 (175-179)-202310	10/10/23	16 50	G	GW	3	N		x				
17	MP-16 (140-144)-202310	10/10/23	17 05	G	GW	3	N		x				
18	MP-16 (106-116)-202310	10/10/23	17 20	G	GW	3	N		x				
19	MW-4D2-202310	10/12/23	14 11	G	GW	3	N		x				
20	MW-5D-202310	10/11/23	15 45	G	GW	3	N		x				
21	MW-5D2-202310	10/11/23	15 48	G	GW	3	N		x				
22	MW-5D3-202310	10/11/23	16 31	G	GW	9	N	Y	x				
23	MW-5S-202310	10/11/23	15 07	G	GW	5	N		x	x	x	x	
24	MW-6D-202310	10/12/23	10 23	G	GW	3	N		x				
									2				

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

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 & Comments:
Shipment 1 of 2

Custody Seals Intact ☐ Yes ☐ No	Custody Seal No.		Cooler Temp (°C) Obs'd. ____ Corr'd ____		Therm ID No ____
Relinquished by	Company: TRC	Date/Time: 1715 10/13/23	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by: Stephanie Hernandez	Company EETA	Date/Time 10/14/23 1120

Eurofins Chicago
2417 Bond Street

University Park IL 60484-3101
phone 708 534 5200 fax 708 534 5211

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins Environment Testing America

Client Contact	Project Manager: Andy Stehn	Site Contact: Andy Stehn	Date: 10/13/2023	COC No: 3 of 3 COCs
TRC Environmental	Email: astehn@trccompanies.com	Lab Contact: Sandie Fredrick	Carrier: FedEx	TALS Project #
999 Fourier Dr Ste 101	Tel/Fax: 608-807-8112			Sampler
Madison, WI 53717	Analysis Turnaround Time			For Lab Use Only:
608-234-7374 Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client
	TAT if different from Below ____			Lab Sampling
Project Name MKC Sem-Annual Sampling	☐ 2 weeks			
Site Madison Kipp	☐ 1 week			Job / SDG No. 500-241079
P O # 197252	☐ 2 days			
	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOCs	TDS	TSS	PCBs	Sample Specific Notes
25	MW-6S-202310	10/12/23	11 29	G	GW	3	N		x				
26	MW-9D-202310	10/12/23	15 47	G	GW	3	N		x				
27	MW-9D2-202310	10/12/23	15 46	G	GW	3	N		x				
28	MW-17-202310	10/12/23	10 17	G	GW	3	N		x				
29	MW-25D-202310	10/11/23	11 04	G	GW	3	N		x				
30	MW-25D2-202310	10/11/23	11 03	G	GW	3	N		x				
31	MW-27D-202310	10/11/23	13 47	G	GW	3	N		x				
32	MW-27D2-202310	10/11/23	13 46	G	GW	3	N		x				
33	DUP-01-202310	10/11/23	--	G	GW	3	N		x				
34	DUP-02-202310	10/12/23	--	G	GW	3	N		x				
35	DUP-03-202310	10/12/23	--	G	GW	3	N		x				
36	Trip Blank-1	--	--	--	--	2	N		x				
									2				

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

10/14/23 SH

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

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 & Comments:
Shipment 1 of 2

Custody Seals Intact ☐ Yes ☐ No	Custody Seal No		Cooler Temp (°C) Obs'd. ____ Corr'd ____		Therm ID No. ____
Relinquished by: [signature]	Company: TRC	Date/Time: 10/13/23 1735	Received by	Company	Date/Time
Relinquished by	Company	Date/Time:	Received by	Company	Date/Time
Relinquished by	Company	Date/Time.	Received in Laboratory by: Stephanie Hernandez	Company: EETA	Date/Time: 10/14/23 1120


ORIGIN ID:RRLA (608) 826-
WES BRAGA
TRC
939 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
UNITED STATES US

SHIP DATE: 030CT23
ACTWGT: 25 00 LB MAN
CAD: 0269688/CAFE3753

TO SAMPLE RECIEPT
EUROFINS CHICAGO
2417 BOND STREET

UNIVERSITY PARK IL 60484
(708) 534-5200 REF:
INV:
PO: DEPT:

RMA:

FedEx
Express

FedEx
TRK# 0221 7044 8941 9102

SATURDAY 12:0
PRIORITY OVERNIGHT

XO JOTA

60484
IL-US ORD

500-241079 Waybi

48 of

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

Chain of Custody Record

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500-241079 Chain of Custody

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fredrick, Sandie	0329 1
Client Contact: Shipping/Receiving	Phone	E-Mail: Sandra Fredrick@et.euro	of 1
Company: Eurofins Environment Testing Northeast,		Accreditations Required (State - Wisconsin, S	1079-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 10/30/2023		
City: Pittsburgh	TAT Requested (days):		
State, Zip: PA, 15238			
Phone: 412-963-7058(Tel) 412-963-2468(Fax)	PO #:		
Email	WO #:		
Project Name: MKC Semi-Annual Sampling	Project #: 50021412		
Site	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL/3510C_LL_PCB_1Y PCB-LL	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-5S-202310 (500-241079-23)	10/11/23	15 07 Central		Water			X	2	

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

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

Empty Kit Relinquished by		Date	Time	Method of Shipment:		
Relinquished by: Allison Scott	Date/Time: 10/16/23 1310	Company	Received by:	Date/Time: 10-17-23 0955	Company: EUFINS	
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

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-241079-1

Login Number: 241079
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-241079-1

Login Number: 241079
List Number: 2
Creator: Watson, Debbie

List Source: Eurofins Pittsburgh
List Creation: 10/17/23 08:00 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Stehn
TRC Environmental Corporation
999 Fourier Drive, Suite 101
Madison, Wisconsin 53717

Generated 10/26/2023 1:55:21 PM

JOB DESCRIPTION

MKC Semi-Annual Sampling

JOB NUMBER

500-241189-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



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10/26/2023 1:55:21 PM

Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

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Job ID: 500-241189-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-241189-1

Receipt
The samples were received on 10/18/2023 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.5º C.

Receipt Exceptions
The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): Set of voas "FB-01-202310" 10/16/23 1207. Added to COC and logged.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Sample #10 Trip Blank-COC list 2 containers however received 4.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with the following had compounds outside 20% drift for method 8260D. Where applicable, a standard was analyzed at the reporting limit (CCVL) and analyses were able to continue, as low failing compounds were detected. Any detects for these out of control compounds should be considered estimates.MW-1-202310 (500-241189-1), MW-2D-202310 (500-241189-2), MW-3S-202310 (500-241189-3), MW-3D-202310 (500-241189-4), MW-3D2-202310 (500-241189-5), MW-3D3-202310 (500-241189-6), MW-28-202310 (500-241189-7), DUP-04-202310 (500-241189-8), DUP-05-202310 (500-241189-9), TRIP BLANK (500-241189-10) and FB-01-202310 (500-241189-11)

Method 8260D: Acetone/ Methylene chloride were detected in the following samples: MW-3D-202310 (500-241189-4), MW-3D2-202310 (500-241189-5), MW-3D3-202310 (500-241189-6), MW-28-202310 (500-241189-7), DUP-04-202310 (500-241189-8), DUP-05-202310 (500-241189-9), TRIP BLANK (500-241189-10) and FB-01-202310 (500-241189-11). Methylene chloride and Acetone are known lab contaminants; therefore all low level detects for this compound could be suspected as lab contamination.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 500-738493 were outside control limits for one or more analytes.

Method 8260D: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 500-738493: 1,2,4-Trichlorobenzene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-1-202310 — Lab Sample ID: 500-241189-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.63	J	2.0	0.37	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.41	ug/L	1		8260D	Total/NA
Tetrachloroethene	20		1.0	0.37	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.47	J	1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	15		0.50	0.16	ug/L	1		8260D	Total/NA
Vinyl chloride	0.37	J	1.0	0.20	ug/L	1		8260D	Total/NA

Client Sample ID: MW-2D-202310 — Lab Sample ID: 500-241189-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.47	J	2.0	0.37	ug/L	1		8260D	Total/NA
Tetrachloroethene	8.2		1.0	0.37	ug/L	1		8260D	Total/NA

Client Sample ID: MW-3S-202310 — Lab Sample ID: 500-241189-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.66	J	2.0	0.37	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	7.8		1.0	0.41	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.3		1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	32		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	460		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MW-3D-202310 — Lab Sample ID: 500-241189-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.9	J B	10	1.7	ug/L	1		8260D	Total/NA
Chloromethane	0.59	J	5.0	0.32	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	27		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	21		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	440		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: MW-3D2-202310 — Lab Sample ID: 500-241189-5

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.8	J B	10	1.7	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.45	J	1.0	0.41	ug/L	1		8260D	Total/NA
Tetrachloroethene	120		1.0	0.37	ug/L	1		8260D	Total/NA
Trichloroethene	1.6		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MW-3D3-202310 — Lab Sample ID: 500-241189-6

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.3	J B	10	1.7	ug/L	1		8260D	Total/NA

Client Sample ID: MW-28-202310 — Lab Sample ID: 500-241189-7

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.2	J B	10	1.7	ug/L	1		8260D	Total/NA
Chloromethane	0.90	J	5.0	0.32	ug/L	1		8260D	Total/NA
Trichloroethene	1.8		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	870		10	3.7	ug/L	10		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: DUP-04-202310 — Lab Sample ID: 500-241189-8

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.2	J B	10	1.7	ug/L	1		8260D	Total/NA
Chloroform	0.70	J	2.0	0.37	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	10		1.0	0.41	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.8		1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	41		0.50	0.16	ug/L	1		8260D	Total/NA
Tetrachloroethene - DL	490		10	3.7	ug/L	10		8260D	Total/NA

Client Sample ID: DUP-05-202310 — Lab Sample ID: 500-241189-9

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23		1.0	0.41	ug/L	1		8260D	Total/NA
Methylene Chloride	1.7	J	5.0	1.6	ug/L	1		8260D	Total/NA
Tetrachloroethene	20		1.0	0.37	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.69	J	1.0	0.35	ug/L	1		8260D	Total/NA
Trichloroethene	19		0.50	0.16	ug/L	1		8260D	Total/NA
Vinyl chloride	0.65	J	1.0	0.20	ug/L	1		8260D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 500-241189-10

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.3	J B	10	1.7	ug/L	1		8260D	Total/NA
Tetrahydrofuran	3.0	J ^c	10	1.9	ug/L	1		8260D	Total/NA

Client Sample ID: FB-01-202310 — Lab Sample ID: 500-241189-11

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.5	J ^c B	10	1.7	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-241189-1	MW-1-202310	Water	10/16/23 15:44	10/18/23 09:35
500-241189-2	MW-2D-202310	Water	10/16/23 15:01	10/18/23 09:35
500-241189-3	MW-3S-202310	Water	10/16/23 12:58	10/18/23 09:35
500-241189-4	MW-3D-202310	Water	10/16/23 12:50	10/18/23 09:35
500-241189-5	MW-3D2-202310	Water	10/16/23 11:23	10/18/23 09:35
500-241189-6	MW-3D3-202310	Water	10/16/23 11:01	10/18/23 09:35
500-241189-7	MW-28-202310	Water	10/16/23 14:08	10/18/23 09:35
500-241189-8	DUP-04-202310	Water	10/16/23 00:00	10/18/23 09:35
500-241189-9	DUP-05-202310	Water	10/16/23 00:00	10/18/23 09:35
500-241189-10	TRIP BLANK	Water	10/16/23 00:00	10/18/23 09:35
500-241189-11	FB-01-202310	Water	10/16/23 12:07	10/18/23 09:35

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-1-202310
Date Collected: 10/16/23 15:44
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 03:27	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 03:27	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 03:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 03:27	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 03:27	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 03:27	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 03:27	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 03:27	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/24/23 03:27	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 03:27	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/24/23 03:27	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 03:27	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/24/23 03:27	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 03:27	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 03:27	1
1,2-Dichloroethane	<0.39	^c	1.0	0.39	ug/L			10/24/23 03:27	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 03:27	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 03:27	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 03:27	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 03:27	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 03:27	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 03:27	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 03:27	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 03:27	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 03:27	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 03:27	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 03:27	1
Acetone	<1.7	^c	10	1.7	ug/L			10/24/23 03:27	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 03:27	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 03:27	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 03:27	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 03:27	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/24/23 03:27	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/24/23 03:27	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 03:27	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 03:27	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 03:27	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 03:27	1
Chloroform	**0.63**	**J**	2.0	0.37	ug/L			10/24/23 03:27	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 03:27	1
cis-1,2-Dichloroethene	**16**		1.0	0.41	ug/L			10/24/23 03:27	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 03:27	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 03:27	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 03:27	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			10/24/23 03:27	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/24/23 03:27	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 03:27	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/24/23 03:27	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 03:27	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-1-202310
Date Collected: 10/16/23 15:44
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 03:27	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/24/23 03:27	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 03:27	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 03:27	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 03:27	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 03:27	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 03:27	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 03:27	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 03:27	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 03:27	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 03:27	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 03:27	1
Tetrachloroethene	**20**		1.0	0.37	ug/L			10/24/23 03:27	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			10/24/23 03:27	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 03:27	1
trans-1,2-Dichloroethene	**0.47**	**J**	1.0	0.35	ug/L			10/24/23 03:27	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 03:27	1
Trichloroethene	**15**		0.50	0.16	ug/L			10/24/23 03:27	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 03:27	1
Vinyl chloride	**0.37**	**J**	1.0	0.20	ug/L			10/24/23 03:27	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*10/24/23 03:27*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*10/24/23 03:27*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*10/24/23 03:27*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/24/23 03:27*	*1*

Client Sample ID: MW-2D-202310
Date Collected: 10/16/23 15:01
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 03:51	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 03:51	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 03:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 03:51	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 03:51	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 03:51	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 03:51	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 03:51	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/24/23 03:51	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 03:51	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/24/23 03:51	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 03:51	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/24/23 03:51	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 03:51	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 03:51	1
1,2-Dichloroethane	<0.39	^c	1.0	0.39	ug/L			10/24/23 03:51	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 03:51	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 03:51	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 03:51	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 03:51	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 03:51	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 03:51	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 03:51	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 03:51	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 03:51	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 03:51	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 03:51	1
Acetone	<1.7	^c	10	1.7	ug/L			10/24/23 03:51	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 03:51	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 03:51	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 03:51	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 03:51	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/24/23 03:51	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/24/23 03:51	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 03:51	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 03:51	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 03:51	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 03:51	1
Chloroform	**0.47**	**J**	2.0	0.37	ug/L			10/24/23 03:51	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 03:51	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/24/23 03:51	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 03:51	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 03:51	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 03:51	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			10/24/23 03:51	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/24/23 03:51	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 03:51	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/24/23 03:51	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 03:51	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-2D-202310
Date Collected: 10/16/23 15:01
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 03:51	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/24/23 03:51	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 03:51	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 03:51	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 03:51	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 03:51	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 03:51	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 03:51	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 03:51	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 03:51	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 03:51	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 03:51	1
Tetrachloroethene	**8.2**		1.0	0.37	ug/L			10/24/23 03:51	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			10/24/23 03:51	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 03:51	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/24/23 03:51	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 03:51	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/24/23 03:51	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 03:51	1
Vinyl chloride	<0.20	F2	1.0	0.20	ug/L			10/24/23 03:51	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*		*10/24/23 03:51*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*10/24/23 03:51*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 120*		*10/24/23 03:51*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/24/23 03:51*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-3S-202310
Date Collected: 10/16/23 12:58
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 04:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 04:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 04:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 04:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 04:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 04:16	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 04:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 04:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/24/23 04:16	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 04:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/24/23 04:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 04:16	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/24/23 04:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 04:16	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 04:16	1
1,2-Dichloroethane	<0.39	^c	1.0	0.39	ug/L			10/24/23 04:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 04:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 04:16	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 04:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 04:16	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 04:16	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 04:16	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 04:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 04:16	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 04:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 04:16	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 04:16	1
Acetone	<1.7	^c	10	1.7	ug/L			10/24/23 04:16	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 04:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 04:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 04:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 04:16	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/24/23 04:16	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/24/23 04:16	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 04:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 04:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 04:16	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 04:16	1
Chloroform	**0.66**	**J**	2.0	0.37	ug/L			10/24/23 04:16	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 04:16	1
cis-1,2-Dichloroethene	**7.8**		1.0	0.41	ug/L			10/24/23 04:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 04:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 04:16	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 04:16	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			10/24/23 04:16	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/24/23 04:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 04:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/24/23 04:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 04:16	1

Client Sample ID: MW-3S-202310
Date Collected: 10/16/23 12:58
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 04:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/24/23 04:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 04:16	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 04:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 04:16	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 04:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 04:16	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 04:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 04:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 04:16	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 04:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 04:16	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			10/24/23 04:16	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 04:16	1
trans-1,2-Dichloroethene	**1.3**		1.0	0.35	ug/L			10/24/23 04:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 04:16	1
Trichloroethene	**32**		0.50	0.16	ug/L			10/24/23 04:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 04:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/24/23 04:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*75 - 126*		*10/24/23 04:16*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*10/24/23 04:16*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*10/24/23 04:16*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/24/23 04:16*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**460**		10	3.7	ug/L			10/24/23 04:40	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*10/24/23 04:40*	*10*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*10/24/23 04:40*	*10*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*10/24/23 04:40*	*10*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/24/23 04:40*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-3D-202310
Date Collected: 10/16/23 12:50
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 14:56	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 14:56	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 14:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 14:56	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 14:56	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 14:56	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 14:56	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/24/23 14:56	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 14:56	1
1,2,4-Trichlorobenzene	<0.34	^c *	1.0	0.34	ug/L			10/24/23 14:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 14:56	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/24/23 14:56	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 14:56	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 14:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/24/23 14:56	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 14:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 14:56	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 14:56	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 14:56	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 14:56	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 14:56	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 14:56	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 14:56	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 14:56	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 14:56	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 14:56	1
Acetone	**1.9**	**J B**	10	1.7	ug/L			10/24/23 14:56	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 14:56	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 14:56	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 14:56	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 14:56	1
Bromoform	<0.48		1.0	0.48	ug/L			10/24/23 14:56	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/24/23 14:56	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 14:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 14:56	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 14:56	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 14:56	1
Chloroform	<0.37		2.0	0.37	ug/L			10/24/23 14:56	1
Chloromethane	**0.59**	**J**	5.0	0.32	ug/L			10/24/23 14:56	1
cis-1,2-Dichloroethene	**27**		1.0	0.41	ug/L			10/24/23 14:56	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 14:56	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 14:56	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 14:56	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/24/23 14:56	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/24/23 14:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 14:56	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/24/23 14:56	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 14:56	1

Client Sample ID: MW-3D-202310
Date Collected: 10/16/23 12:50
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 14:56	1
Methyl tert-butyl ether	<0.39	^c	1.0	0.39	ug/L			10/24/23 14:56	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 14:56	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 14:56	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 14:56	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 14:56	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 14:56	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 14:56	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 14:56	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 14:56	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 14:56	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 14:56	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			10/24/23 14:56	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 14:56	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/24/23 14:56	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 14:56	1
Trichloroethene	**21**		0.50	0.16	ug/L			10/24/23 14:56	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 14:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/24/23 14:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*10/24/23 14:56*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*		*10/24/23 14:56*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*10/24/23 14:56*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*10/24/23 14:56*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**440**		10	3.7	ug/L			10/24/23 15:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*10/24/23 15:21*	*10*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/24/23 15:21*	*10*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*10/24/23 15:21*	*10*
Toluene-d8 (Surr)	*88*		*75 - 120*		*10/24/23 15:21*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-3D2-202310
Date Collected: 10/16/23 11:23
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 15:45	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 15:45	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 15:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 15:45	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 15:45	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 15:45	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 15:45	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 15:45	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/24/23 15:45	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 15:45	1
1,2,4-Trichlorobenzene	<0.34	^c *	1.0	0.34	ug/L			10/24/23 15:45	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 15:45	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/24/23 15:45	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 15:45	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 15:45	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/24/23 15:45	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 15:45	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 15:45	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 15:45	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 15:45	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 15:45	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 15:45	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 15:45	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 15:45	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 15:45	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 15:45	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 15:45	1
Acetone	**2.8**	**J B**	10	1.7	ug/L			10/24/23 15:45	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 15:45	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 15:45	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 15:45	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 15:45	1
Bromoform	<0.48		1.0	0.48	ug/L			10/24/23 15:45	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/24/23 15:45	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 15:45	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 15:45	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 15:45	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 15:45	1
Chloroform	<0.37		2.0	0.37	ug/L			10/24/23 15:45	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 15:45	1
cis-1,2-Dichloroethene	**0.45**	**J**	1.0	0.41	ug/L			10/24/23 15:45	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 15:45	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 15:45	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 15:45	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/24/23 15:45	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/24/23 15:45	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 15:45	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/24/23 15:45	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 15:45	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-3D2-202310
Date Collected: 10/16/23 11:23
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 15:45	1
Methyl tert-butyl ether	<0.39	^c	1.0	0.39	ug/L			10/24/23 15:45	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 15:45	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 15:45	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 15:45	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 15:45	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 15:45	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 15:45	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 15:45	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 15:45	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 15:45	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 15:45	1
Tetrachloroethene	**120**		1.0	0.37	ug/L			10/24/23 15:45	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			10/24/23 15:45	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 15:45	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/24/23 15:45	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 15:45	1
Trichloroethene	**1.6**		0.50	0.16	ug/L			10/24/23 15:45	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 15:45	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/24/23 15:45	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/24/23 15:45*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*10/24/23 15:45*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*10/24/23 15:45*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*10/24/23 15:45*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-3D3-202310
Date Collected: 10/16/23 11:01
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 16:09	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 16:09	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 16:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 16:09	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 16:09	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 16:09	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 16:09	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 16:09	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/24/23 16:09	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 16:09	1
1,2,4-Trichlorobenzene	<0.34	^c *	1.0	0.34	ug/L			10/24/23 16:09	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 16:09	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/24/23 16:09	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 16:09	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 16:09	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/24/23 16:09	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 16:09	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 16:09	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 16:09	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 16:09	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 16:09	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 16:09	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 16:09	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 16:09	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 16:09	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 16:09	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 16:09	1
Acetone	**2.3**	**J B**	10	1.7	ug/L			10/24/23 16:09	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 16:09	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 16:09	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 16:09	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 16:09	1
Bromoform	<0.48		1.0	0.48	ug/L			10/24/23 16:09	1
Bromomethane	<0.80	^c F1	3.0	0.80	ug/L			10/24/23 16:09	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 16:09	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 16:09	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 16:09	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 16:09	1
Chloroform	<0.37		2.0	0.37	ug/L			10/24/23 16:09	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 16:09	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/24/23 16:09	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 16:09	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 16:09	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 16:09	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/24/23 16:09	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/24/23 16:09	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 16:09	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/24/23 16:09	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 16:09	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-3D3-202310
Date Collected: 10/16/23 11:01
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 16:09	1
Methyl tert-butyl ether	<0.39	^c	1.0	0.39	ug/L			10/24/23 16:09	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 16:09	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 16:09	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 16:09	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 16:09	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 16:09	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 16:09	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 16:09	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 16:09	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 16:09	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 16:09	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/24/23 16:09	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			10/24/23 16:09	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 16:09	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/24/23 16:09	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 16:09	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/24/23 16:09	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 16:09	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/24/23 16:09	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*10/24/23 16:09*	*1*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*		*10/24/23 16:09*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*10/24/23 16:09*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*10/24/23 16:09*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-28-202310
Date Collected: 10/16/23 14:08
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 16:33	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 16:33	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 16:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 16:33	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 16:33	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 16:33	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 16:33	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 16:33	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/24/23 16:33	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 16:33	1
1,2,4-Trichlorobenzene	<0.34	^c *	1.0	0.34	ug/L			10/24/23 16:33	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 16:33	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/24/23 16:33	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 16:33	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 16:33	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/24/23 16:33	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 16:33	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 16:33	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 16:33	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 16:33	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 16:33	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 16:33	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 16:33	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 16:33	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 16:33	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 16:33	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 16:33	1
Acetone	**2.2**	**J B**	10	1.7	ug/L			10/24/23 16:33	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 16:33	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 16:33	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 16:33	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 16:33	1
Bromoform	<0.48		1.0	0.48	ug/L			10/24/23 16:33	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/24/23 16:33	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 16:33	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 16:33	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 16:33	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 16:33	1
Chloroform	<0.37		2.0	0.37	ug/L			10/24/23 16:33	1
Chloromethane	**0.90**	**J**	5.0	0.32	ug/L			10/24/23 16:33	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/24/23 16:33	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 16:33	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 16:33	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 16:33	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/24/23 16:33	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/24/23 16:33	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 16:33	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/24/23 16:33	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 16:33	1

Client Sample ID: MW-28-202310
Date Collected: 10/16/23 14:08
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 16:33	1
Methyl tert-butyl ether	<0.39	^c	1.0	0.39	ug/L			10/24/23 16:33	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 16:33	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 16:33	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 16:33	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 16:33	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 16:33	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 16:33	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 16:33	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 16:33	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 16:33	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 16:33	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			10/24/23 16:33	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 16:33	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/24/23 16:33	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 16:33	1
Trichloroethene	**1.8**		0.50	0.16	ug/L			10/24/23 16:33	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 16:33	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/24/23 16:33	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/24/23 16:33*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*10/24/23 16:33*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 120*		*10/24/23 16:33*	*1*
Toluene-d8 (Surr)	*86*		*75 - 120*		*10/24/23 16:33*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**870**		10	3.7	ug/L			10/24/23 16:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*10/24/23 16:57*	*10*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*10/24/23 16:57*	*10*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*10/24/23 16:57*	*10*
Toluene-d8 (Surr)	*88*		*75 - 120*		*10/24/23 16:57*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: DUP-04-202310
Date Collected: 10/16/23 00:00
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 17:21	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 17:21	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 17:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 17:21	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 17:21	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 17:21	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 17:21	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 17:21	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/24/23 17:21	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 17:21	1
1,2,4-Trichlorobenzene	<0.34	^c *	1.0	0.34	ug/L			10/24/23 17:21	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 17:21	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/24/23 17:21	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 17:21	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 17:21	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/24/23 17:21	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 17:21	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 17:21	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 17:21	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 17:21	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 17:21	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 17:21	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 17:21	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 17:21	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 17:21	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 17:21	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 17:21	1
Acetone	**2.2**	**J B**	10	1.7	ug/L			10/24/23 17:21	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 17:21	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 17:21	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 17:21	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 17:21	1
Bromoform	<0.48		1.0	0.48	ug/L			10/24/23 17:21	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/24/23 17:21	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 17:21	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 17:21	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 17:21	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 17:21	1
Chloroform	**0.70**	**J**	2.0	0.37	ug/L			10/24/23 17:21	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 17:21	1
cis-1,2-Dichloroethene	**10**		1.0	0.41	ug/L			10/24/23 17:21	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 17:21	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 17:21	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 17:21	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/24/23 17:21	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/24/23 17:21	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 17:21	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/24/23 17:21	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 17:21	1

Client Sample ID: DUP-04-202310
Date Collected: 10/16/23 00:00
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 17:21	1
Methyl tert-butyl ether	<0.39	^c	1.0	0.39	ug/L			10/24/23 17:21	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 17:21	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 17:21	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 17:21	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 17:21	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 17:21	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 17:21	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 17:21	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 17:21	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 17:21	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 17:21	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			10/24/23 17:21	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 17:21	1
trans-1,2-Dichloroethene	**1.8**		1.0	0.35	ug/L			10/24/23 17:21	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 17:21	1
Trichloroethene	**41**		0.50	0.16	ug/L			10/24/23 17:21	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 17:21	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/24/23 17:21	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*		*10/24/23 17:21*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*10/24/23 17:21*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 120*		*10/24/23 17:21*	*1*
Toluene-d8 (Surr)	*86*		*75 - 120*		*10/24/23 17:21*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**490**		10	3.7	ug/L			10/24/23 17:45	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*10/24/23 17:45*	*10*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*10/24/23 17:45*	*10*
Dibromofluoromethane (Surr)	*107*		*75 - 120*		*10/24/23 17:45*	*10*
Toluene-d8 (Surr)	*89*		*75 - 120*		*10/24/23 17:45*	*10*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: DUP-05-202310
Date Collected: 10/16/23 00:00
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 18:09	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 18:09	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 18:09	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 18:09	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 18:09	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 18:09	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 18:09	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/24/23 18:09	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 18:09	1
1,2,4-Trichlorobenzene	<0.34	^c *	1.0	0.34	ug/L			10/24/23 18:09	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 18:09	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/24/23 18:09	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 18:09	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 18:09	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/24/23 18:09	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 18:09	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 18:09	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 18:09	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 18:09	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 18:09	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 18:09	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 18:09	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 18:09	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 18:09	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 18:09	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 18:09	1
Acetone	<1.7		10	1.7	ug/L			10/24/23 18:09	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 18:09	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 18:09	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 18:09	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 18:09	1
Bromoform	<0.48		1.0	0.48	ug/L			10/24/23 18:09	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/24/23 18:09	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 18:09	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 18:09	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 18:09	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 18:09	1
Chloroform	<0.37		2.0	0.37	ug/L			10/24/23 18:09	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 18:09	1
cis-1,2-Dichloroethene	**23**		1.0	0.41	ug/L			10/24/23 18:09	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 18:09	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 18:09	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 18:09	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/24/23 18:09	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/24/23 18:09	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 18:09	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/24/23 18:09	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 18:09	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: DUP-05-202310
Date Collected: 10/16/23 00:00
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 18:09	1
Methyl tert-butyl ether	<0.39	^c	1.0	0.39	ug/L			10/24/23 18:09	1
Methylene Chloride	**1.7**	**J**	5.0	1.6	ug/L			10/24/23 18:09	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 18:09	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 18:09	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 18:09	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 18:09	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 18:09	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 18:09	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 18:09	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 18:09	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 18:09	1
Tetrachloroethene	**20**		1.0	0.37	ug/L			10/24/23 18:09	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			10/24/23 18:09	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 18:09	1
trans-1,2-Dichloroethene	**0.69**	**J**	1.0	0.35	ug/L			10/24/23 18:09	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 18:09	1
Trichloroethene	**19**		0.50	0.16	ug/L			10/24/23 18:09	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 18:09	1
Vinyl chloride	**0.65**	**J**	1.0	0.20	ug/L			10/24/23 18:09	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*10/24/23 18:09*	*1*
4-Bromofluorobenzene (Surr)	*123*		*72 - 124*		*10/24/23 18:09*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 120*		*10/24/23 18:09*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/24/23 18:09*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: TRIP BLANK

Date Collected: 10/16/23 00:00
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 12:56	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 12:56	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 12:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 12:56	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 12:56	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 12:56	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 12:56	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 12:56	1
1,2,3-Trichlorobenzene	<0.46	^c	1.0	0.46	ug/L			10/24/23 12:56	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 12:56	1
1,2,4-Trichlorobenzene	<0.34	^c *	1.0	0.34	ug/L			10/24/23 12:56	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 12:56	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/24/23 12:56	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 12:56	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 12:56	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/24/23 12:56	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 12:56	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 12:56	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 12:56	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 12:56	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 12:56	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 12:56	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 12:56	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 12:56	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 12:56	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 12:56	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 12:56	1
Acetone	**3.3**	**J B**	10	1.7	ug/L			10/24/23 12:56	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 12:56	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 12:56	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 12:56	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 12:56	1
Bromoform	<0.48		1.0	0.48	ug/L			10/24/23 12:56	1
Bromomethane	<0.80	^c	3.0	0.80	ug/L			10/24/23 12:56	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 12:56	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 12:56	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 12:56	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 12:56	1
Chloroform	<0.37		2.0	0.37	ug/L			10/24/23 12:56	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 12:56	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/24/23 12:56	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 12:56	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 12:56	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 12:56	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/24/23 12:56	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/24/23 12:56	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 12:56	1
Hexachlorobutadiene	<0.45	^c	1.0	0.45	ug/L			10/24/23 12:56	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 12:56	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: TRIP BLANK
Date Collected: 10/16/23 00:00
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 12:56	1
Methyl tert-butyl ether	<0.39	^c	1.0	0.39	ug/L			10/24/23 12:56	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 12:56	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 12:56	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 12:56	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 12:56	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 12:56	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 12:56	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 12:56	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 12:56	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 12:56	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 12:56	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/24/23 12:56	1
Tetrahydrofuran	**3.0**	**J ^c**	10	1.9	ug/L			10/24/23 12:56	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 12:56	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/24/23 12:56	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 12:56	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/24/23 12:56	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 12:56	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/24/23 12:56	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*		*10/24/23 12:56*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*10/24/23 12:56*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 120*		*10/24/23 12:56*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*10/24/23 12:56*	*1*

Client Sample ID: FB-01-202310
Date Collected: 10/16/23 12:07
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 01:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 01:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 01:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 01:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 01:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 01:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 01:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 01:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/24/23 01:25	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 01:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/24/23 01:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 01:25	1
1,2-Dibromo-3-Chloropropane	<2.0	^c	5.0	2.0	ug/L			10/24/23 01:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 01:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 01:25	1
1,2-Dichloroethane	<0.39	^c	1.0	0.39	ug/L			10/24/23 01:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 01:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 01:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 01:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 01:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 01:25	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 01:25	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 01:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 01:25	1
2-Hexanone	<1.6	^c	5.0	1.6	ug/L			10/24/23 01:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 01:25	1
4-Methyl-2-pentanone (MIBK)	<2.2	^c	5.0	2.2	ug/L			10/24/23 01:25	1
Acetone	**2.5**	**J ^c B**	10	1.7	ug/L			10/24/23 01:25	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 01:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 01:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 01:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 01:25	1
Bromoform	<0.48	^c	1.0	0.48	ug/L			10/24/23 01:25	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/24/23 01:25	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 01:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 01:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 01:25	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 01:25	1
Chloroform	<0.37		2.0	0.37	ug/L			10/24/23 01:25	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 01:25	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/24/23 01:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 01:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 01:25	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 01:25	1
Dichlorodifluoromethane	<0.67	^c	3.0	0.67	ug/L			10/24/23 01:25	1
Diisopropyl ether	<0.28	^c	1.0	0.28	ug/L			10/24/23 01:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 01:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/24/23 01:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 01:25	1

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: FB-01-202310
Date Collected: 10/16/23 12:07
Date Received: 10/18/23 09:35

Lab Sample ID: 500-241189-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 01:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/24/23 01:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 01:25	1
Naphthalene	<0.34	^c	1.0	0.34	ug/L			10/24/23 01:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 01:25	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 01:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 01:25	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 01:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 01:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 01:25	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 01:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 01:25	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/24/23 01:25	1
Tetrahydrofuran	<1.9	^c	10	1.9	ug/L			10/24/23 01:25	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 01:25	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/24/23 01:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 01:25	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/24/23 01:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 01:25	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/24/23 01:25	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*75 - 126*		*10/24/23 01:25*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*10/24/23 01:25*	*1*
Dibromofluoromethane (Surr)	*88*		*75 - 120*		*10/24/23 01:25*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/24/23 01:25*	*1*

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
^c	CCV Recovery is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Reported value was between the limit of detection and the limit of quantitation.

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: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

GC/MS VOA

Analysis Batch: 738463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241189-1	MW-1-202310	Total/NA	Water	8260D	
500-241189-2	MW-2D-202310	Total/NA	Water	8260D	
500-241189-3	MW-3S-202310	Total/NA	Water	8260D	
500-241189-3 - DL	MW-3S-202310	Total/NA	Water	8260D	
500-241189-11	FB-01-202310	Total/NA	Water	8260D	
MB 500-738463/6	Method Blank	Total/NA	Water	8260D	
LCS 500-738463/4	Lab Control Sample	Total/NA	Water	8260D	
500-241189-2 MS	MW-2D-202310	Total/NA	Water	8260D	
500-241189-2 MSD	MW-2D-202310	Total/NA	Water	8260D	

Analysis Batch: 738493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241189-4	MW-3D-202310	Total/NA	Water	8260D	
500-241189-4 - DL	MW-3D-202310	Total/NA	Water	8260D	
500-241189-5	MW-3D2-202310	Total/NA	Water	8260D	
500-241189-6	MW-3D3-202310	Total/NA	Water	8260D	
500-241189-7	MW-28-202310	Total/NA	Water	8260D	
500-241189-7 - DL	MW-28-202310	Total/NA	Water	8260D	
500-241189-8	DUP-04-202310	Total/NA	Water	8260D	
500-241189-8 - DL	DUP-04-202310	Total/NA	Water	8260D	
500-241189-9	DUP-05-202310	Total/NA	Water	8260D	
500-241189-10	TRIP BLANK	Total/NA	Water	8260D	
MB 500-738493/6	Method Blank	Total/NA	Water	8260D	
LCS 500-738493/4	Lab Control Sample	Total/NA	Water	8260D	
500-241189-6 MS	MW-3D3-202310	Total/NA	Water	8260D	
500-241189-6 MSD	MW-3D3-202310	Total/NA	Water	8260D	

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-241189-1	MW-1-202310	83	108	92	95
500-241189-2	MW-2D-202310	82	103	92	94
500-241189-2 MS	MW-2D-202310	83	99	95	92
500-241189-2 MSD	MW-2D-202310	83	99	95	94
500-241189-3	MW-3S-202310	81	105	91	95
500-241189-3 - DL	MW-3S-202310	83	107	91	94
500-241189-4	MW-3D-202310	97	108	105	88
500-241189-4 - DL	MW-3D-202310	96	110	105	88
500-241189-5	MW-3D2-202310	98	110	105	89
500-241189-6	MW-3D3-202310	97	107	107	89
500-241189-6 MS	MW-3D3-202310	90	107	99	91
500-241189-6 MSD	MW-3D3-202310	88	107	96	90
500-241189-7	MW-28-202310	98	109	104	86
500-241189-7 - DL	MW-28-202310	96	109	106	88
500-241189-8	DUP-04-202310	96	111	106	86
500-241189-8 - DL	DUP-04-202310	99	111	107	89
500-241189-9	DUP-05-202310	101	123	110	95
500-241189-10	TRIP BLANK	95	109	105	90
500-241189-11	FB-01-202310	81	105	88	95
LCS 500-738463/4	Lab Control Sample	79	99	90	95
LCS 500-738493/4	Lab Control Sample	90	106	96	92
MB 500-738463/6	Method Blank	83	109	90	96
MB 500-738493/6	Method Blank	94	106	100	90

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-738463/6
Matrix: Water
Analysis Batch: 738463

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/23/23 23:29	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/23/23 23:29	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/23/23 23:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/23/23 23:29	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/23/23 23:29	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/23/23 23:29	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/23/23 23:29	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/23/23 23:29	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/23/23 23:29	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/23/23 23:29	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/23/23 23:29	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/23/23 23:29	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/23/23 23:29	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/23/23 23:29	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/23/23 23:29	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/23/23 23:29	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/23/23 23:29	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/23/23 23:29	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/23/23 23:29	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/23/23 23:29	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/23/23 23:29	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/23/23 23:29	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/23/23 23:29	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/23/23 23:29	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/23/23 23:29	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/23/23 23:29	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/23/23 23:29	1
Acetone	3.41	J	10	1.7	ug/L			10/23/23 23:29	1
Benzene	<0.15		0.50	0.15	ug/L			10/23/23 23:29	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/23/23 23:29	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/23/23 23:29	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/23/23 23:29	1
Bromoform	<0.48		1.0	0.48	ug/L			10/23/23 23:29	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/23/23 23:29	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/23/23 23:29	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/23/23 23:29	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/23/23 23:29	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/23/23 23:29	1
Chloroform	<0.37		2.0	0.37	ug/L			10/23/23 23:29	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/23/23 23:29	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/23/23 23:29	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/23/23 23:29	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/23/23 23:29	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/23/23 23:29	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/23/23 23:29	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/23/23 23:29	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/23/23 23:29	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/23/23 23:29	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-738463/6
Matrix: Water
Analysis Batch: 738463

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/23/23 23:29	1
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/23/23 23:29	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/23/23 23:29	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/23/23 23:29	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/23/23 23:29	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/23/23 23:29	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/23/23 23:29	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/23/23 23:29	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/23/23 23:29	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/23/23 23:29	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/23/23 23:29	1
Styrene	<0.39		1.0	0.39	ug/L			10/23/23 23:29	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/23/23 23:29	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/23/23 23:29	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/23/23 23:29	1
Toluene	<0.15		0.50	0.15	ug/L			10/23/23 23:29	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/23/23 23:29	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/23/23 23:29	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/23/23 23:29	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/23/23 23:29	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/23/23 23:29	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/23/23 23:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*10/23/23 23:29*	*1*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*		*10/23/23 23:29*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 120*		*10/23/23 23:29*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/23/23 23:29*	*1*

Lab Sample ID: LCS 500-738463/4
Matrix: Water
Analysis Batch: 738463

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	40.9		ug/L		82	70 - 125
1,1,1-Trichloroethane	50.0	42.7		ug/L		85	70 - 125
1,1,2,2-Tetrachloroethane	50.0	38.2		ug/L		76	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.9		ug/L		94	70 - 123
1,1,2-Trichloroethane	50.0	41.5		ug/L		83	71 - 130
1,1-Dichloroethane	50.0	42.8		ug/L		86	70 - 125
1,1-Dichloroethene	50.0	44.8		ug/L		90	67 - 122
1,1-Dichloropropene	50.0	46.0		ug/L		92	70 - 121
1,2,3-Trichlorobenzene	50.0	37.6		ug/L		75	51 - 145
1,2,3-Trichloropropane	50.0	41.5		ug/L		83	50 - 133
1,2,4-Trichlorobenzene	50.0	39.5		ug/L		79	57 - 137
1,2,4-Trimethylbenzene	50.0	44.4		ug/L		89	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	28.6		ug/L		57	56 - 123
1,2-Dibromoethane	50.0	42.3		ug/L		85	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-738463/4
Matrix: Water
Analysis Batch: 738463

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	50.0	42.3		ug/L		85	70 - 125
1,2-Dichloroethane	50.0	39.0		ug/L		78	68 - 127
1,2-Dichloropropane	50.0	44.2		ug/L		88	67 - 130
1,3,5-Trimethylbenzene	50.0	45.5		ug/L		91	70 - 123
1,3-Dichlorobenzene	50.0	45.1		ug/L		90	70 - 125
1,3-Dichloropropane	50.0	43.9		ug/L		88	62 - 136
1,4-Dichlorobenzene	50.0	43.6		ug/L		87	70 - 120
2,2-Dichloropropane	50.0	42.1		ug/L		84	58 - 139
2-Butanone (MEK)	50.0	41.2		ug/L		82	46 - 144
2-Chlorotoluene	50.0	44.6		ug/L		89	70 - 125
2-Hexanone	50.0	36.0		ug/L		72	54 - 146
4-Chlorotoluene	50.0	44.0		ug/L		88	68 - 124
4-Methyl-2-pentanone (MIBK)	50.0	35.8		ug/L		72	55 - 139
Acetone	50.0	34.1		ug/L		68	40 - 143
Benzene	50.0	45.2		ug/L		90	70 - 120
Bromobenzene	50.0	46.8		ug/L		94	70 - 122
Bromochloromethane	50.0	44.2		ug/L		88	65 - 122
Bromodichloromethane	50.0	39.6		ug/L		79	69 - 120
Bromoform	50.0	37.8		ug/L		76	56 - 132
Bromomethane	50.0	49.0		ug/L		98	40 - 152
Carbon disulfide	50.0	43.0		ug/L		86	66 - 120
Carbon tetrachloride	50.0	42.6		ug/L		85	59 - 133
Chlorobenzene	50.0	46.4		ug/L		93	70 - 120
Chloroethane	50.0	49.3		ug/L		99	48 - 136
Chloroform	50.0	41.3		ug/L		83	70 - 120
Chloromethane	50.0	41.7		ug/L		83	56 - 152
cis-1,2-Dichloroethene	50.0	43.9		ug/L		88	70 - 125
cis-1,3-Dichloropropene	50.0	41.4		ug/L		83	64 - 127
Dibromochloromethane	50.0	38.8		ug/L		78	68 - 125
Dibromomethane	50.0	39.9		ug/L		80	70 - 120
Dichlorodifluoromethane	50.0	68.0		ug/L		136	40 - 159
Ethylbenzene	50.0	44.5		ug/L		89	70 - 123
Hexachlorobutadiene	50.0	52.2		ug/L		104	51 - 150
Isopropylbenzene	50.0	46.1		ug/L		92	70 - 126
m-Xylene & p-Xylene	50.0	43.9		ug/L		88	70 - 125
Methyl tert-butyl ether	50.0	42.7		ug/L		85	55 - 123
Methylene Chloride	50.0	41.7		ug/L		83	69 - 125
Naphthalene	50.0	31.9		ug/L		64	53 - 144
n-Butylbenzene	50.0	41.5		ug/L		83	68 - 125
n-Hexane	50.0	41.5		ug/L		83	65 - 142
N-Propylbenzene	50.0	44.6		ug/L		89	69 - 127
o-Xylene	50.0	44.1		ug/L		88	70 - 120
p-Isopropyltoluene	50.0	45.6		ug/L		91	70 - 125
sec-Butylbenzene	50.0	45.0		ug/L		90	70 - 123
Styrene	50.0	43.2		ug/L		86	70 - 120
tert-Butylbenzene	50.0	46.7		ug/L		93	70 - 121
Tetrachloroethene	50.0	51.6		ug/L		103	70 - 128
Tetrahydrofuran	100	77.9		ug/L		78	59 - 139
Toluene	50.0	42.4		ug/L		85	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-738463/4
Matrix: Water
Analysis Batch: 738463

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	50.0	44.1		ug/L		88	70 - 125
trans-1,3-Dichloropropene	50.0	39.0		ug/L		78	62 - 128
Trichloroethene	50.0	48.5		ug/L		97	70 - 125
Trichlorofluoromethane	50.0	47.0		ug/L		94	55 - 128
Vinyl chloride	50.0	48.5		ug/L		97	64 - 126
Xylenes, Total	100	88.0		ug/L		88	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*75 - 126*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*
Dibromofluoromethane (Surr)	*90*		*75 - 120*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Sample ID: 500-241189-2 MS
Matrix: Water
Analysis Batch: 738463

Client Sample ID: MW-2D-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.46		50.0	42.4		ug/L		85	70 - 125
1,1,1-Trichloroethane	<0.38		50.0	44.5		ug/L		89	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	42.5		ug/L		85	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	47.9		ug/L		96	70 - 123
1,1,2-Trichloroethane	<0.35		50.0	42.9		ug/L		86	71 - 130
1,1-Dichloroethane	<0.41		50.0	45.1		ug/L		90	70 - 125
1,1-Dichloroethene	<0.39		50.0	46.5		ug/L		93	67 - 122
1,1-Dichloropropene	<0.30		50.0	46.6		ug/L		93	70 - 121
1,2,3-Trichlorobenzene	<0.46		50.0	41.0		ug/L		82	51 - 145
1,2,3-Trichloropropane	<0.41		50.0	46.1		ug/L		92	50 - 133
1,2,4-Trichlorobenzene	<0.34		50.0	41.5		ug/L		83	57 - 137
1,2,4-Trimethylbenzene	<0.36		50.0	45.5		ug/L		91	70 - 123
1,2-Dibromo-3-Chloropropane	<2.0	^c	50.0	32.7		ug/L		65	56 - 123
1,2-Dibromoethane	<0.39		50.0	44.3		ug/L		89	70 - 125
1,2-Dichlorobenzene	<0.33		50.0	45.3		ug/L		91	70 - 125
1,2-Dichloroethane	<0.39	^c	50.0	41.3		ug/L		83	68 - 127
1,2-Dichloropropane	<0.43		50.0	47.0		ug/L		94	67 - 130
1,3,5-Trimethylbenzene	<0.25		50.0	46.5		ug/L		93	70 - 123
1,3-Dichlorobenzene	<0.40		50.0	46.1		ug/L		92	70 - 125
1,3-Dichloropropane	<0.36		50.0	46.0		ug/L		92	62 - 136
1,4-Dichlorobenzene	<0.36		50.0	45.4		ug/L		91	70 - 120
2,2-Dichloropropane	<0.44		50.0	41.3		ug/L		83	58 - 139
2-Butanone (MEK)	<2.1		50.0	44.5		ug/L		89	46 - 144
2-Chlorotoluene	<0.31		50.0	45.5		ug/L		91	70 - 125
2-Hexanone	<1.6	^c	50.0	35.5		ug/L		71	54 - 146
4-Chlorotoluene	<0.35		50.0	45.2		ug/L		90	68 - 124
4-Methyl-2-pentanone (MIBK)	<2.2	^c	50.0	35.1		ug/L		70	55 - 139
Acetone	<1.7	^c	50.0	35.7		ug/L		71	40 - 143
Benzene	<0.15		50.0	46.7		ug/L		93	70 - 120
Bromobenzene	<0.36		50.0	50.8		ug/L		102	70 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241189-2 MS
Matrix: Water
Analysis Batch: 738463

Client Sample ID: MW-2D-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	<0.43		50.0	47.4		ug/L		95	65 - 122
Bromodichloromethane	<0.37		50.0	42.5		ug/L		85	69 - 120
Bromoform	<0.48	^c	50.0	40.1		ug/L		80	56 - 132
Bromomethane	<0.80		50.0	47.1		ug/L		94	40 - 152
Carbon disulfide	<0.45		50.0	44.4		ug/L		89	66 - 120
Carbon tetrachloride	<0.38		50.0	44.4		ug/L		89	59 - 133
Chlorobenzene	<0.39		50.0	47.3		ug/L		95	70 - 120
Chloroethane	<0.51		50.0	44.9		ug/L		90	48 - 136
Chloroform	0.47	J	50.0	44.3		ug/L		88	70 - 120
Chloromethane	<0.32		50.0	41.5		ug/L		83	56 - 152
cis-1,2-Dichloroethene	<0.41		50.0	46.3		ug/L		93	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	41.9		ug/L		84	64 - 127
Dibromochloromethane	<0.49		50.0	41.8		ug/L		84	68 - 125
Dibromomethane	<0.27		50.0	42.7		ug/L		85	70 - 120
Dichlorodifluoromethane	<0.67	^c	50.0	66.5		ug/L		133	40 - 159
Ethylbenzene	<0.18		50.0	44.1		ug/L		88	70 - 123
Hexachlorobutadiene	<0.45		50.0	50.9		ug/L		102	51 - 150
Isopropylbenzene	<0.39		50.0	47.0		ug/L		94	70 - 126
m-Xylene & p-Xylene	<0.18		50.0	44.1		ug/L		88	70 - 125
Methyl tert-butyl ether	<0.39		50.0	46.6		ug/L		93	55 - 123
Methylene Chloride	<1.6		50.0	45.0		ug/L		90	69 - 125
Naphthalene	<0.34	^c	50.0	36.2		ug/L		72	53 - 144
n-Butylbenzene	<0.39		50.0	39.8		ug/L		80	68 - 125
n-Hexane	<0.49		50.0	40.9		ug/L		82	65 - 142
N-Propylbenzene	<0.41		50.0	45.1		ug/L		90	69 - 127
o-Xylene	<0.22		50.0	43.9		ug/L		88	70 - 120
p-Isopropyltoluene	<0.36		50.0	45.3		ug/L		91	70 - 125
sec-Butylbenzene	<0.40		50.0	44.3		ug/L		89	70 - 123
Styrene	<0.39		50.0	44.6		ug/L		89	70 - 120
tert-Butylbenzene	<0.40		50.0	46.8		ug/L		94	70 - 121
Tetrachloroethene	8.2		50.0	58.1		ug/L		100	70 - 128
Tetrahydrofuran	<1.9	^c	100	83.2		ug/L		83	59 - 139
Toluene	<0.15		50.0	43.1		ug/L		86	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	46.9		ug/L		94	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	40.8		ug/L		82	62 - 128
Trichloroethene	<0.16		50.0	49.6		ug/L		99	70 - 125
Trichlorofluoromethane	<0.43		50.0	47.4		ug/L		95	55 - 128
Vinyl chloride	<0.20	F2	50.0	45.7		ug/L		91	64 - 126
Xylenes, Total	<0.22		100	88.0		ug/L		88	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 120*
Toluene-d8 (Surr)	*92*		*75 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241189-2 MSD
Matrix: Water
Analysis Batch: 738463

Client Sample ID: MW-2D-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.46		50.0	44.6		ug/L		89	70 - 125	5	20
1,1,1-Trichloroethane	<0.38		50.0	45.7		ug/L		91	70 - 125	3	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	42.2		ug/L		84	62 - 140	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	47.1		ug/L		94	70 - 123	2	20
1,1,2-Trichloroethane	<0.35		50.0	44.3		ug/L		89	71 - 130	3	20
1,1-Dichloroethane	<0.41		50.0	45.4		ug/L		91	70 - 125	1	20
1,1-Dichloroethene	<0.39		50.0	44.6		ug/L		89	67 - 122	4	20
1,1-Dichloropropene	<0.30		50.0	47.8		ug/L		96	70 - 121	3	20
1,2,3-Trichlorobenzene	<0.46		50.0	41.1		ug/L		82	51 - 145	0	20
1,2,3-Trichloropropane	<0.41		50.0	46.4		ug/L		93	50 - 133	1	20
1,2,4-Trichlorobenzene	<0.34		50.0	42.0		ug/L		84	57 - 137	1	20
1,2,4-Trimethylbenzene	<0.36		50.0	45.3		ug/L		91	70 - 123	0	20
1,2-Dibromo-3-Chloropropane	<2.0	^c	50.0	34.7		ug/L		69	56 - 123	6	20
1,2-Dibromoethane	<0.39		50.0	44.8		ug/L		90	70 - 125	1	20
1,2-Dichlorobenzene	<0.33		50.0	45.4		ug/L		91	70 - 125	0	20
1,2-Dichloroethane	<0.39	^c	50.0	41.9		ug/L		84	68 - 127	2	20
1,2-Dichloropropane	<0.43		50.0	46.8		ug/L		94	67 - 130	0	20
1,3,5-Trimethylbenzene	<0.25		50.0	46.6		ug/L		93	70 - 123	0	20
1,3-Dichlorobenzene	<0.40		50.0	46.5		ug/L		93	70 - 125	1	20
1,3-Dichloropropane	<0.36		50.0	47.0		ug/L		94	62 - 136	2	20
1,4-Dichlorobenzene	<0.36		50.0	45.8		ug/L		92	70 - 120	1	20
2,2-Dichloropropane	<0.44		50.0	42.7		ug/L		85	58 - 139	3	20
2-Butanone (MEK)	<2.1		50.0	44.4		ug/L		89	46 - 144	0	20
2-Chlorotoluene	<0.31		50.0	45.8		ug/L		92	70 - 125	1	20
2-Hexanone	<1.6	^c	50.0	34.2		ug/L		68	54 - 146	4	20
4-Chlorotoluene	<0.35		50.0	45.1		ug/L		90	68 - 124	0	20
4-Methyl-2-pentanone (MIBK)	<2.2	^c	50.0	36.2		ug/L		72	55 - 139	3	20
Acetone	<1.7	^c	50.0	42.1		ug/L		84	40 - 143	17	20
Benzene	<0.15		50.0	47.8		ug/L		96	70 - 120	2	20
Bromobenzene	<0.36		50.0	50.6		ug/L		101	70 - 122	0	20
Bromochloromethane	<0.43		50.0	49.0		ug/L		98	65 - 122	3	20
Bromodichloromethane	<0.37		50.0	43.4		ug/L		87	69 - 120	2	20
Bromoform	<0.48	^c	50.0	41.9		ug/L		84	56 - 132	4	20
Bromomethane	<0.80		50.0	48.3		ug/L		97	40 - 152	3	20
Carbon disulfide	<0.45		50.0	44.4		ug/L		89	66 - 120	0	20
Carbon tetrachloride	<0.38		50.0	44.9		ug/L		90	59 - 133	1	20
Chlorobenzene	<0.39		50.0	48.0		ug/L		96	70 - 120	2	20
Chloroethane	<0.51		50.0	44.8		ug/L		90	48 - 136	0	20
Chloroform	0.47	J	50.0	44.9		ug/L		89	70 - 120	1	20
Chloromethane	<0.32		50.0	50.3		ug/L		101	56 - 152	19	20
cis-1,2-Dichloroethene	<0.41		50.0	47.3		ug/L		95	70 - 125	2	20
cis-1,3-Dichloropropene	<0.42		50.0	43.6		ug/L		87	64 - 127	4	20
Dibromochloromethane	<0.49		50.0	42.6		ug/L		85	68 - 125	2	20
Dibromomethane	<0.27		50.0	44.2		ug/L		88	70 - 120	4	20
Dichlorodifluoromethane	<0.67	^c	50.0	60.5		ug/L		121	40 - 159	10	20
Ethylbenzene	<0.18		50.0	45.6		ug/L		91	70 - 123	3	20
Hexachlorobutadiene	<0.45		50.0	50.3		ug/L		101	51 - 150	1	20
Isopropylbenzene	<0.39		50.0	47.6		ug/L		95	70 - 126	1	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241189-2 MSD
Matrix: Water
Analysis Batch: 738463

Client Sample ID: MW-2D-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.18		50.0	44.6		ug/L		89	70 - 125	1	20
Methyl tert-butyl ether	<0.39		50.0	47.1		ug/L		94	55 - 123	1	20
Methylene Chloride	<1.6		50.0	45.5		ug/L		91	69 - 125	1	20
Naphthalene	<0.34	^c	50.0	37.2		ug/L		74	53 - 144	3	20
n-Butylbenzene	<0.39		50.0	39.6		ug/L		79	68 - 125	1	20
n-Hexane	<0.49		50.0	41.4		ug/L		83	65 - 142	1	20
N-Propylbenzene	<0.41		50.0	45.0		ug/L		90	69 - 127	0	20
o-Xylene	<0.22		50.0	45.2		ug/L		90	70 - 120	3	20
p-Isopropyltoluene	<0.36		50.0	45.5		ug/L		91	70 - 125	0	20
sec-Butylbenzene	<0.40		50.0	44.8		ug/L		90	70 - 123	1	20
Styrene	<0.39		50.0	45.3		ug/L		91	70 - 120	2	20
tert-Butylbenzene	<0.40		50.0	47.8		ug/L		96	70 - 121	2	20
Tetrachloroethene	8.2		50.0	59.8		ug/L		103	70 - 128	3	20
Tetrahydrofuran	<1.9	^c	100	81.3		ug/L		81	59 - 139	2	20
Toluene	<0.15		50.0	43.8		ug/L		88	70 - 125	2	20
trans-1,2-Dichloroethene	<0.35		50.0	47.1		ug/L		94	70 - 125	1	20
trans-1,3-Dichloropropene	<0.36		50.0	41.8		ug/L		84	62 - 128	2	20
Trichloroethene	<0.16		50.0	51.0		ug/L		102	70 - 125	3	20
Trichlorofluoromethane	<0.43		50.0	50.7		ug/L		101	55 - 128	7	20
Vinyl chloride	<0.20	F2	50.0	59.1	F2	ug/L		118	64 - 126	25	20
Xylenes, Total	<0.22		100	89.8		ug/L		90	70 - 125	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 120*
Toluene-d8 (Surr)	*94*		*75 - 120*

Lab Sample ID: MB 500-738493/6
Matrix: Water
Analysis Batch: 738493

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 12:08	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 12:08	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 12:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		1.0	0.46	ug/L			10/24/23 12:08	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 12:08	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 12:08	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 12:08	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 12:08	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/24/23 12:08	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 12:08	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/24/23 12:08	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 12:08	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/24/23 12:08	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 12:08	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 12:08	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-738493/6
Matrix: Water
Analysis Batch: 738493

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/24/23 12:08	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 12:08	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 12:08	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 12:08	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 12:08	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 12:08	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 12:08	1
2-Butanone (MEK)	<2.1		5.0	2.1	ug/L			10/24/23 12:08	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 12:08	1
2-Hexanone	<1.6		5.0	1.6	ug/L			10/24/23 12:08	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 12:08	1
4-Methyl-2-pentanone (MIBK)	<2.2		5.0	2.2	ug/L			10/24/23 12:08	1
Acetone	2.10	J	10	1.7	ug/L			10/24/23 12:08	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 12:08	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 12:08	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 12:08	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 12:08	1
Bromoform	<0.48		1.0	0.48	ug/L			10/24/23 12:08	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/24/23 12:08	1
Carbon disulfide	<0.45		2.0	0.45	ug/L			10/24/23 12:08	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 12:08	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 12:08	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 12:08	1
Chloroform	<0.37		2.0	0.37	ug/L			10/24/23 12:08	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 12:08	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/24/23 12:08	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 12:08	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 12:08	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 12:08	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/24/23 12:08	1
Diisopropyl ether	<0.28		1.0	0.28	ug/L			10/24/23 12:08	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 12:08	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/24/23 12:08	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 12:08	1
m-Xylene & p-Xylene	<0.18		1.0	0.18	ug/L			10/24/23 12:08	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/24/23 12:08	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 12:08	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/24/23 12:08	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 12:08	1
n-Hexane	<0.49		1.0	0.49	ug/L			10/24/23 12:08	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 12:08	1
o-Xylene	<0.22		0.50	0.22	ug/L			10/24/23 12:08	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 12:08	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 12:08	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 12:08	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 12:08	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/24/23 12:08	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			10/24/23 12:08	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 12:08	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-738493/6
Matrix: Water
Analysis Batch: 738493

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

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/24/23 12:08	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 12:08	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/24/23 12:08	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 12:08	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/24/23 12:08	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 12:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*		*10/24/23 12:08*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*10/24/23 12:08*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*10/24/23 12:08*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*10/24/23 12:08*	*1*

Lab Sample ID: LCS 500-738493/4
Matrix: Water
Analysis Batch: 738493

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	47.7		ug/L		95	70 - 125
1,1,1-Trichloroethane	50.0	44.2		ug/L		88	70 - 125
1,1,2,2-Tetrachloroethane	50.0	50.1		ug/L		100	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.0		ug/L		100	70 - 123
1,1,2-Trichloroethane	50.0	45.9		ug/L		92	71 - 130
1,1-Dichloroethane	50.0	48.7		ug/L		97	70 - 125
1,1-Dichloroethene	50.0	45.0		ug/L		90	67 - 122
1,1-Dichloropropene	50.0	45.8		ug/L		92	70 - 121
1,2,3-Trichlorobenzene	50.0	26.9		ug/L		54	51 - 145
1,2,3-Trichloropropane	50.0	50.9		ug/L		102	50 - 133
1,2,4-Trichlorobenzene	50.0	28.0	*	ug/L		56	57 - 137
1,2,4-Trimethylbenzene	50.0	48.9		ug/L		98	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	43.1		ug/L		86	56 - 123
1,2-Dibromoethane	50.0	45.2		ug/L		90	70 - 125
1,2-Dichlorobenzene	50.0	45.0		ug/L		90	70 - 125
1,2-Dichloroethane	50.0	44.1		ug/L		88	68 - 127
1,2-Dichloropropane	50.0	49.2		ug/L		98	67 - 130
1,3,5-Trimethylbenzene	50.0	48.7		ug/L		97	70 - 123
1,3-Dichlorobenzene	50.0	46.5		ug/L		93	70 - 125
1,3-Dichloropropane	50.0	47.0		ug/L		94	62 - 136
1,4-Dichlorobenzene	50.0	45.4		ug/L		91	70 - 120
2,2-Dichloropropane	50.0	55.1		ug/L		110	58 - 139
2-Butanone (MEK)	50.0	49.2		ug/L		98	46 - 144
2-Chlorotoluene	50.0	49.8		ug/L		100	70 - 125
2-Hexanone	50.0	43.7		ug/L		87	54 - 146
4-Chlorotoluene	50.0	50.1		ug/L		100	68 - 124
4-Methyl-2-pentanone (MIBK)	50.0	44.0		ug/L		88	55 - 139
Acetone	50.0	47.8		ug/L		96	40 - 143
Benzene	50.0	46.2		ug/L		92	70 - 120
Bromobenzene	50.0	49.8		ug/L		100	70 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-738493/4
Matrix: Water
Analysis Batch: 738493

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	50.0	47.6		ug/L		95	65 - 122
Bromodichloromethane	50.0	48.0		ug/L		96	69 - 120
Bromoform	50.0	54.9		ug/L		110	56 - 132
Bromomethane	50.0	74.0		ug/L		148	40 - 152
Carbon disulfide	50.0	52.5		ug/L		105	66 - 120
Carbon tetrachloride	50.0	50.2		ug/L		100	59 - 133
Chlorobenzene	50.0	46.6		ug/L		93	70 - 120
Chloroethane	50.0	53.3		ug/L		107	48 - 136
Chloroform	50.0	44.4		ug/L		89	70 - 120
Chloromethane	50.0	56.8		ug/L		114	56 - 152
cis-1,2-Dichloroethene	50.0	46.7		ug/L		93	70 - 125
cis-1,3-Dichloropropene	50.0	44.4		ug/L		89	64 - 127
Dibromochloromethane	50.0	53.0		ug/L		106	68 - 125
Dibromomethane	50.0	45.8		ug/L		92	70 - 120
Dichlorodifluoromethane	50.0	45.7		ug/L		91	40 - 159
Ethylbenzene	50.0	45.5		ug/L		91	70 - 123
Hexachlorobutadiene	50.0	28.4		ug/L		57	51 - 150
Isopropylbenzene	50.0	48.0		ug/L		96	70 - 126
m-Xylene & p-Xylene	50.0	46.3		ug/L		93	70 - 125
Methyl tert-butyl ether	50.0	38.2		ug/L		76	55 - 123
Methylene Chloride	50.0	47.2		ug/L		94	69 - 125
Naphthalene	50.0	28.0		ug/L		56	53 - 144
n-Butylbenzene	50.0	43.9		ug/L		88	68 - 125
n-Hexane	50.0	46.0		ug/L		92	65 - 142
N-Propylbenzene	50.0	50.9		ug/L		102	69 - 127
o-Xylene	50.0	45.1		ug/L		90	70 - 120
p-Isopropyltoluene	50.0	47.1		ug/L		94	70 - 125
sec-Butylbenzene	50.0	47.0		ug/L		94	70 - 123
Styrene	50.0	47.7		ug/L		95	70 - 120
tert-Butylbenzene	50.0	48.2		ug/L		96	70 - 121
Tetrachloroethene	50.0	42.0		ug/L		84	70 - 128
Tetrahydrofuran	100	81.7		ug/L		82	59 - 139
Toluene	50.0	47.6		ug/L		95	70 - 125
trans-1,2-Dichloroethene	50.0	47.7		ug/L		95	70 - 125
trans-1,3-Dichloropropene	50.0	45.3		ug/L		91	62 - 128
Trichloroethene	50.0	45.7		ug/L		91	70 - 125
Trichlorofluoromethane	50.0	49.2		ug/L		98	55 - 128
Vinyl chloride	50.0	53.2		ug/L		106	64 - 126
Xylenes, Total	100	91.5		ug/L		91	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
Toluene-d8 (Surr)	*92*		*75 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241189-6 MS
Matrix: Water
Analysis Batch: 738493

Client Sample ID: MW-3D3-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.46		50.0	49.2		ug/L		98	70 - 125
1,1,1-Trichloroethane	<0.38		50.0	46.2		ug/L		92	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	52.0		ug/L		104	62 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	51.5		ug/L		103	70 - 123
1,1,2-Trichloroethane	<0.35		50.0	46.5		ug/L		93	71 - 130
1,1-Dichloroethane	<0.41		50.0	50.3		ug/L		101	70 - 125
1,1-Dichloroethene	<0.39		50.0	47.6		ug/L		95	67 - 122
1,1-Dichloropropene	<0.30		50.0	47.6		ug/L		95	70 - 121
1,2,3-Trichlorobenzene	<0.46	^c	50.0	29.0		ug/L		58	51 - 145
1,2,3-Trichloropropane	<0.41		50.0	48.7		ug/L		97	50 - 133
1,2,4-Trichlorobenzene	<0.34	^c *	50.0	29.9	*	ug/L		60	57 - 137
1,2,4-Trimethylbenzene	<0.36		50.0	49.2		ug/L		98	70 - 123
1,2-Dibromo-3-Chloropropane	<2.0		50.0	44.2		ug/L		88	56 - 123
1,2-Dibromoethane	<0.39		50.0	46.7		ug/L		93	70 - 125
1,2-Dichlorobenzene	<0.33		50.0	46.4		ug/L		93	70 - 125
1,2-Dichloroethane	<0.39		50.0	46.1		ug/L		92	68 - 127
1,2-Dichloropropane	<0.43		50.0	50.7		ug/L		101	67 - 130
1,3,5-Trimethylbenzene	<0.25		50.0	49.4		ug/L		99	70 - 123
1,3-Dichlorobenzene	<0.40		50.0	47.1		ug/L		94	70 - 125
1,3-Dichloropropane	<0.36		50.0	47.5		ug/L		95	62 - 136
1,4-Dichlorobenzene	<0.36		50.0	46.1		ug/L		92	70 - 120
2,2-Dichloropropane	<0.44		50.0	56.7		ug/L		113	58 - 139
2-Butanone (MEK)	<2.1		50.0	52.4		ug/L		105	46 - 144
2-Chlorotoluene	<0.31		50.0	50.4		ug/L		101	70 - 125
2-Hexanone	<1.6	^c	50.0	43.5		ug/L		87	54 - 146
4-Chlorotoluene	<0.35		50.0	50.7		ug/L		101	68 - 124
4-Methyl-2-pentanone (MIBK)	<2.2	^c	50.0	42.3		ug/L		85	55 - 139
Acetone	2.3	J B	50.0	44.2		ug/L		84	40 - 143
Benzene	<0.15		50.0	48.8		ug/L		98	70 - 120
Bromobenzene	<0.36		50.0	51.4		ug/L		103	70 - 122
Bromochloromethane	<0.43		50.0	49.6		ug/L		99	65 - 122
Bromodichloromethane	<0.37		50.0	50.8		ug/L		102	69 - 120
Bromoform	<0.48		50.0	57.4		ug/L		115	56 - 132
Bromomethane	<0.80	^c F1	50.0	82.3	F1	ug/L		165	40 - 152
Carbon disulfide	<0.45		50.0	54.5		ug/L		109	66 - 120
Carbon tetrachloride	<0.38		50.0	52.1		ug/L		104	59 - 133
Chlorobenzene	<0.39		50.0	47.4		ug/L		95	70 - 120
Chloroethane	<0.51		50.0	59.4		ug/L		119	48 - 136
Chloroform	<0.37		50.0	46.4		ug/L		93	70 - 120
Chloromethane	<0.32		50.0	58.4		ug/L		117	56 - 152
cis-1,2-Dichloroethene	<0.41		50.0	48.6		ug/L		97	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	43.3		ug/L		87	64 - 127
Dibromochloromethane	<0.49		50.0	54.2		ug/L		108	68 - 125
Dibromomethane	<0.27		50.0	48.9		ug/L		98	70 - 120
Dichlorodifluoromethane	<0.67		50.0	45.5		ug/L		91	40 - 159
Ethylbenzene	<0.18		50.0	46.4		ug/L		93	70 - 123
Hexachlorobutadiene	<0.45	^c	50.0	30.9		ug/L		62	51 - 150
Isopropylbenzene	<0.39		50.0	48.9		ug/L		98	70 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241189-6 MS
Matrix: Water
Analysis Batch: 738493

Client Sample ID: MW-3D3-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	<0.18		50.0	47.2		ug/L		94	70 - 125
Methyl tert-butyl ether	<0.39	^c	50.0	39.1		ug/L		78	55 - 123
Methylene Chloride	<1.6		50.0	49.4		ug/L		99	69 - 125
Naphthalene	<0.34	^c	50.0	30.0		ug/L		60	53 - 144
n-Butylbenzene	<0.39		50.0	44.7		ug/L		89	68 - 125
n-Hexane	<0.49		50.0	47.4		ug/L		95	65 - 142
N-Propylbenzene	<0.41		50.0	51.7		ug/L		103	69 - 127
o-Xylene	<0.22		50.0	46.8		ug/L		94	70 - 120
p-Isopropyltoluene	<0.36		50.0	48.2		ug/L		96	70 - 125
sec-Butylbenzene	<0.40		50.0	48.7		ug/L		97	70 - 123
Styrene	<0.39		50.0	48.9		ug/L		98	70 - 120
tert-Butylbenzene	<0.40		50.0	48.7		ug/L		97	70 - 121
Tetrachloroethene	<0.37		50.0	43.0		ug/L		86	70 - 128
Tetrahydrofuran	<1.9	^c	100	85.9		ug/L		86	59 - 139
Toluene	<0.15		50.0	48.0		ug/L		96	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	48.9		ug/L		98	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	46.5		ug/L		93	62 - 128
Trichloroethene	<0.16		50.0	48.2		ug/L		96	70 - 125
Trichlorofluoromethane	<0.43		50.0	48.7		ug/L		97	55 - 128
Vinyl chloride	<0.20		50.0	54.5		ug/L		109	64 - 126
Xylenes, Total	<0.22		100	94.0		ug/L		94	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 120*
Toluene-d8 (Surr)	*91*		*75 - 120*

Lab Sample ID: 500-241189-6 MSD
Matrix: Water
Analysis Batch: 738493

Client Sample ID: MW-3D3-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.46		50.0	47.6		ug/L		95	70 - 125	3	20
1,1,1-Trichloroethane	<0.38		50.0	45.2		ug/L		90	70 - 125	2	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	51.6		ug/L		103	62 - 140	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<0.46		50.0	51.8		ug/L		104	70 - 123	0	20
1,1,2-Trichloroethane	<0.35		50.0	45.5		ug/L		91	71 - 130	2	20
1,1-Dichloroethane	<0.41		50.0	48.8		ug/L		98	70 - 125	3	20
1,1-Dichloroethene	<0.39		50.0	46.2		ug/L		92	67 - 122	3	20
1,1-Dichloropropene	<0.30		50.0	46.1		ug/L		92	70 - 121	3	20
1,2,3-Trichlorobenzene	<0.46	^c	50.0	28.4		ug/L		57	51 - 145	2	20
1,2,3-Trichloropropane	<0.41		50.0	49.5		ug/L		99	50 - 133	2	20
1,2,4-Trichlorobenzene	<0.34	^c *	50.0	29.3	*	ug/L		59	57 - 137	2	20
1,2,4-Trimethylbenzene	<0.36		50.0	49.7		ug/L		99	70 - 123	1	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	43.4		ug/L		87	56 - 123	2	20
1,2-Dibromoethane	<0.39		50.0	45.0		ug/L		90	70 - 125	4	20
1,2-Dichlorobenzene	<0.33		50.0	46.1		ug/L		92	70 - 125	1	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241189-6 MSD
Matrix: Water
Analysis Batch: 738493

Client Sample ID: MW-3D3-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	<0.39		50.0	44.8		ug/L		90	68 - 127	3	20
1,2-Dichloropropane	<0.43		50.0	49.8		ug/L		100	67 - 130	2	20
1,3,5-Trimethylbenzene	<0.25		50.0	49.7		ug/L		99	70 - 123	1	20
1,3-Dichlorobenzene	<0.40		50.0	47.0		ug/L		94	70 - 125	0	20
1,3-Dichloropropane	<0.36		50.0	46.7		ug/L		93	62 - 136	2	20
1,4-Dichlorobenzene	<0.36		50.0	45.7		ug/L		91	70 - 120	1	20
2,2-Dichloropropane	<0.44		50.0	54.4		ug/L		109	58 - 139	4	20
2-Butanone (MEK)	<2.1		50.0	50.1		ug/L		100	46 - 144	5	20
2-Chlorotoluene	<0.31		50.0	50.5		ug/L		101	70 - 125	0	20
2-Hexanone	<1.6	^c	50.0	41.4		ug/L		83	54 - 146	5	20
4-Chlorotoluene	<0.35		50.0	50.7		ug/L		101	68 - 124	0	20
4-Methyl-2-pentanone (MIBK)	<2.2	^c	50.0	42.1		ug/L		84	55 - 139	0	20
Acetone	2.3	J B	50.0	41.3		ug/L		78	40 - 143	7	20
Benzene	<0.15		50.0	47.7		ug/L		95	70 - 120	2	20
Bromobenzene	<0.36		50.0	50.4		ug/L		101	70 - 122	2	20
Bromochloromethane	<0.43		50.0	48.3		ug/L		97	65 - 122	3	20
Bromodichloromethane	<0.37		50.0	49.6		ug/L		99	69 - 120	2	20
Bromoform	<0.48		50.0	55.4		ug/L		111	56 - 132	4	20
Bromomethane	<0.80	^c F1	50.0	83.2	F1	ug/L		166	40 - 152	1	20
Carbon disulfide	<0.45		50.0	53.8		ug/L		108	66 - 120	1	20
Carbon tetrachloride	<0.38		50.0	51.2		ug/L		102	59 - 133	2	20
Chlorobenzene	<0.39		50.0	46.3		ug/L		93	70 - 120	2	20
Chloroethane	<0.51		50.0	59.7		ug/L		119	48 - 136	0	20
Chloroform	<0.37		50.0	44.4		ug/L		89	70 - 120	4	20
Chloromethane	<0.32		50.0	57.7		ug/L		115	56 - 152	1	20
cis-1,2-Dichloroethene	<0.41		50.0	47.1		ug/L		94	70 - 125	3	20
cis-1,3-Dichloropropene	<0.42		50.0	42.5		ug/L		85	64 - 127	2	20
Dibromochloromethane	<0.49		50.0	52.4		ug/L		105	68 - 125	4	20
Dibromomethane	<0.27		50.0	48.2		ug/L		96	70 - 120	2	20
Dichlorodifluoromethane	<0.67		50.0	46.3		ug/L		93	40 - 159	2	20
Ethylbenzene	<0.18		50.0	46.1		ug/L		92	70 - 123	1	20
Hexachlorobutadiene	<0.45	^c	50.0	30.9		ug/L		62	51 - 150	0	20
Isopropylbenzene	<0.39		50.0	48.8		ug/L		98	70 - 126	0	20
m-Xylene & p-Xylene	<0.18		50.0	46.3		ug/L		93	70 - 125	2	20
Methyl tert-butyl ether	<0.39	^c	50.0	38.2		ug/L		76	55 - 123	2	20
Methylene Chloride	<1.6		50.0	48.1		ug/L		96	69 - 125	3	20
Naphthalene	<0.34	^c	50.0	29.9		ug/L		60	53 - 144	0	20
n-Butylbenzene	<0.39		50.0	45.2		ug/L		90	68 - 125	1	20
n-Hexane	<0.49		50.0	45.5		ug/L		91	65 - 142	4	20
N-Propylbenzene	<0.41		50.0	51.7		ug/L		103	69 - 127	0	20
o-Xylene	<0.22		50.0	46.6		ug/L		93	70 - 120	1	20
p-Isopropyltoluene	<0.36		50.0	48.8		ug/L		98	70 - 125	1	20
sec-Butylbenzene	<0.40		50.0	48.6		ug/L		97	70 - 123	0	20
Styrene	<0.39		50.0	47.8		ug/L		96	70 - 120	2	20
tert-Butylbenzene	<0.40		50.0	49.0		ug/L		98	70 - 121	1	20
Tetrachloroethene	<0.37		50.0	42.3		ug/L		85	70 - 128	2	20
Tetrahydrofuran	<1.9	^c	100	81.0		ug/L		81	59 - 139	6	20
Toluene	<0.15		50.0	47.1		ug/L		94	70 - 125	2	20
trans-1,2-Dichloroethene	<0.35		50.0	47.6		ug/L		95	70 - 125	3	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 500-241189-6 MSD
Matrix: Water
Analysis Batch: 738493

Client Sample ID: MW-3D3-202310
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	<0.36		50.0	44.7		ug/L		89	62 - 128	4	20
Trichloroethene	<0.16		50.0	47.2		ug/L		94	70 - 125	2	20
Trichlorofluoromethane	<0.43		50.0	49.3		ug/L		99	55 - 128	1	20
Vinyl chloride	<0.20		50.0	55.4		ug/L		111	64 - 126	1	20
Xylenes, Total	<0.22		100	92.9		ug/L		93	70 - 125	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*75 - 126*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
Toluene-d8 (Surr)	*90*		*75 - 120*

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: MW-1-202310
Lab Sample ID: 500-241189-1
Date Collected: 10/16/23 15:44
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738463	EA	EET CHI	10/24/23 03:27

Client Sample ID: MW-2D-202310
Lab Sample ID: 500-241189-2
Date Collected: 10/16/23 15:01
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738463	EA	EET CHI	10/24/23 03:51

Client Sample ID: MW-3S-202310
Lab Sample ID: 500-241189-3
Date Collected: 10/16/23 12:58
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738463	EA	EET CHI	10/24/23 04:16
Total/NA	Analysis	8260D	DL	10	738463	EA	EET CHI	10/24/23 04:40

Client Sample ID: MW-3D-202310
Lab Sample ID: 500-241189-4
Date Collected: 10/16/23 12:50
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738493	W1T	EET CHI	10/24/23 14:56
Total/NA	Analysis	8260D	DL	10	738493	W1T	EET CHI	10/24/23 15:21

Client Sample ID: MW-3D2-202310
Lab Sample ID: 500-241189-5
Date Collected: 10/16/23 11:23
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738493	W1T	EET CHI	10/24/23 15:45

Client Sample ID: MW-3D3-202310
Lab Sample ID: 500-241189-6
Date Collected: 10/16/23 11:01
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738493	W1T	EET CHI	10/24/23 16:09

Client Sample ID: MW-28-202310
Lab Sample ID: 500-241189-7
Date Collected: 10/16/23 14:08
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738493	W1T	EET CHI	10/24/23 16:33
Total/NA	Analysis	8260D	DL	10	738493	W1T	EET CHI	10/24/23 16:57

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MKC Semi-Annual Sampling

Job ID: 500-241189-1

Client Sample ID: DUP-04-202310

Lab Sample ID: 500-241189-8

Date Collected: 10/16/23 00:00
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738493	W1T	EET CHI	10/24/23 17:21
Total/NA	Analysis	8260D	DL	10	738493	W1T	EET CHI	10/24/23 17:45

Client Sample ID: DUP-05-202310

Lab Sample ID: 500-241189-9

Date Collected: 10/16/23 00:00
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738493	W1T	EET CHI	10/24/23 18:09

Client Sample ID: TRIP BLANK

Lab Sample ID: 500-241189-10

Date Collected: 10/16/23 00:00
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738493	W1T	EET CHI	10/24/23 12:56

Client Sample ID: FB-01-202310

Lab Sample ID: 500-241189-11

Date Collected: 10/16/23 12:07
Matrix: Water
Date Received: 10/18/23 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738463	EA	EET CHI	10/24/23 01:25

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 500-241189-1
Project/Site: MKC Semi-Annual Sampling

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-24

Eurofins Chicago
2417 Bond Street

University Park, IL 60484-3101
phone 708 534 5200 fax 708 534 5211

Chain of Custody Record

eurofins | Environment Testing America

500-241189 COC

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other.

Eurofins Environment Testing America

Client Contact	Project Manager: Andy Stehn	Site Contact: Andy Stehn	Date: 10/17/2023	COC No
TRC Environmental	Email astehn@trccompanies.com	Lab Contact: Sandie Fredrick	Carrier: FedEx	1 of 1 COCs
999 Fourier Dr Ste 101	Tel/Fax: 608-807-8112			TALS Project #
Madison, WI 53717	Analysis Turnaround Time			Sampler.
608-234-7374 Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
	TAT if different from Below _____			Walk-in Client
Project Name: MKC Sem-Annual Sampling	☐ 2 weeks			Lab Sampling
Site Madison Kipp	☐ 1 week			
P O # 197252	☐ 2 days			Job / SDG No.: 500-241189
	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs	Sample Specific Notes
1	MW-1-202310	10/16/23	15.44	G	GW	3	N		x	
2	MW-2D-202310	10/16/23	15:01	G	GW	9	N	Y	x	
3	MW-3S-202310	10/16/23	12:58	G	GW	3	N		x	
4	MW-3D-202310	10/16/23	12:50	G	GW	3	N		x	
5	MW-3D2-202310	10/16/23	11.23	G	GW	3	N		x	
6	MW-3D3-202310	10/16/23	11 01	G	GW	9	N	Y	x	
7	MW-28-202310	10/16/23	14:08	G	GW	3	N		x	
8	DUP-04-202310	10/16/23	--	G	GW	3	N		x	
9	DUP-05-202310	10/16/23	--	G	GW	3	N		x	
10	TRIP BLANK	--	--	--	W	2	N		x	
11	FB-01-202310	10/16	1207							Added by EETA 10/18/23 SH
									2	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

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 & Comments:
Shipment 2 of 2

5.1+4.5

Custody Seals Intact ☐ Yes ☐ No	Custody Seal No.	Cooler Temp (°C): Obs'd. _____ Corr'd _____	Therm ID No.: _____

Relinquished by	Company TRC	Date/Time 10/17/23 1500	Received by	Company	Date/Time.
Relinquished by	Company	Date/Time	Received by	Company.	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by Stephanie Hemandez	Company EETA	Date/Time 10/18/23 0935


ORIGIN ID:RRLA (608) 826-3663
WES BRAGA
TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
UNITED STATES US

SHIP DATE: 030CT23
ACTWGT: 25.00 LB MAN
CAD: 0269688/CAFE3753

TO SAMPLE RECIEPT
EUROFINS CHICAGO
2417 BOND STREET

UNIVERSITY PARK IL 60484
(708) 534-5200

INV
PO
REF
DEPT
RMA

FedEx Express

FedEx
TRK# 0221 7044 8941 9087

WED - 18 OCT 10:30A
PRIORITY OVERNIGHT

XP JOTA

60484
IL-US ORD

16 of

500-241189 Waybi



ORIGIN ID:RRLA (608) 826-3663
WES BRAGA
TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
UNITED STATES US

SHIP DATE: 030CT23
ACTWGT 25.00 LB MAN
CAD: 0269688/CAFE3753

TO SAMPLE RECIEPT
EUROFINS CHICAGO
2417 BOND STREET

UNIVERSITY PARK IL 60484
(708) 534-6200
INV:
PO:
REF
DEPT:

RMA

FedEx Express

FedEx
TRK# 0221 7044 8941 9087

WED - 18 OCT 10:30
PRIORITY OVERNIGHT

XP JOTA

60484
IL-US ORD

16qt

500-241189 Waybi

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-241189-1

Login Number: 241189
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1[3]	MW-1	MW-1	MW-1	MW-1[3]	MW-1	MW-1[3]
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft	14 - 24 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/08/2010	03/29/2011	04/11/2012	01/15/2013	04/21/2013	07/18/2013	10/09/2013	04/22/2014	10/23/2014	04/14/2015	10/21/2015	10/13/2016	10/04/2017	10/16/2018	10/16/2019	10/16/2019	10/20/2020	10/18/2021	10/24/2022	10/24/2022	10/16/2023	10/16/2023
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36	< 0.36	< 0.46	< 0.46
1,1,1-Trichloroethane	40	200	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.38	< 0.38
1,1,2-Trichloroethane	0.5	5	< 0.25	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.1	< 0.10	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.35	< 0.35
1,1-Dichloroethene	0.7	7	***1.1***	***0.95***	***0.94 J***	***0.84 J***	< 0.31	< 0.31	0.62 J	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58	< 0.58	< 0.39	< 0.39
1,2,4-Trimethylbenzene	96	480	< 0.2	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 0.06	< 0.060	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	< 0.36	< 0.36
1,2-Dibromoethane	0.005	0.05	< 0.2	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31	< 0.31	< 0.39	< 0.39
1,2-Dichlorobenzene	60	600	< 0.2	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 0.5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29	< 0.29	< 0.39	< 0.39
1,2-Dichloropropane	0.5	5	< 0.5	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	< 0.43	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 0.25	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.63	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	< 0.46	< 0.46
1,2,4-Trichlorobenzene	14	70	< 0.25	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34	< 0.34
1,3,5-Trimethylbenzene	96	480	< 0.2	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075 J-	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36	< 0.36	< 0.25	< 0.25
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3	< 3.0 J	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	< 2.1	< 2.1
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95 J	< 2.5	< 2.5	< 5.2	< 6.3	< 6.3	< 6.3	< 1.6	< 1.6
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77 J	< 1.5	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	< 2.2	< 2.2
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	7.5 BJ	< 3.4 J	< 2.7	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	< 1.7	< 1.7
Benzene	0.5	5	< 0.2	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30	< 0.30	< 0.15	< 0.15
Bromodichloromethane	0.06	0.6	< 0.2	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42	< 0.37	< 0.37
Bromoform	0.44	4.4	< 0.2	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8	< 3.8	< 0.48	< 0.48
Bromomethane	1	10	< 0.5	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2	< 1.2	< 0.80	< 0.80
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	< 0.053	< 0.37	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	< 0.45	< 0.45
Carbon tetrachloride	0.5	5	< 0.8	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.17	< 0.17	< 1.1	< 0.37	< 0.37	< 0.37	< 0.38	< 0.38
Chloroethane	80	400	< 1	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4	< 1.4	< 0.51	< 0.51
Chloroform	0.6	6	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	***0.63 J***	< 0.37
Chloromethane	3	30	< 0.3	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	0.75 BJ	2.2	< 0.25 U	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 0.32	< 0.32
cis-1,2-Dichloroethene	7	70	***51***	***58***	***38***	***41***	***23***	***25***	***27***	***25***	***22***	***20***	***8***	3.6	2.8	4.0	***7.1***	6.8	***8.7***	***13.0 J***	***15.3***	***14.9***	***16 J***	***23 J***
Di-isopropyl ether	NE	NE	< 0.5	< 0.5	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1	< 1.1	< 0.28	< 0.28
Dichlorodifluoromethane	200	1000	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46	< 0.46	< 0.67	< 0.67
Ethylbenzene	140	700	< 0.5	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.22	< 0.22	< 0.32	< 0.33	< 0.33	< 0.33	< 0.18	< 0.18
Isopropylbenzene	NE	NE	< 0.2	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081 J-	< 0.39	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	< 0.39	< 0.39
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70	< 0.70	< 0.18	< 0.18
Methyl tert-butyl ether	12	60	< 0.5	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.2	< 1.1 J	< 1.1	< 1.1	< 0.39	< 0.39
Methylene chloride	0.5	5	< 1	< 1	***8.5***	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 0.14	< 0.14	< 0.14	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	< 1.6	***1.7 J***
Naphthalene	10	100	< 0.25	< 0.25	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.088	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 0.34	< 0.34
n-Butylbenzene	NE	NE	< 0.2	< 0.2	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86	< 0.86	< 0.39	< 0.39
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.7	< 1.5	< 1.5	< 1.5	< 0.49	< 0.49
n-Propylbenzene	NE	NE	< 0.5	< 0.5	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 0.1	< 0.10	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35	< 0.35	< 0.41	< 0.41
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35	< 0.35	< 0.22	< 0.22
p-Isopropyltoluene	NE	NE	< 0.2	< 0.2	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085 J-	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 1.0	< 0.36	< 0.36
sec-Butylbenzene	NE	NE	< 0.25	< 0.25	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42	< 0.42	< 0.40	< 0.40
Styrene	10	100	< 0.5	< 0.5	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	0.07 BJ	< 0.065	< 0.47	< 0.47	< 3.0	< 0.36	< 0.36	< 0.36	< 0.39	< 0.39
tert-Butylbenzene	NE	NE	< 0.2	< 0.2	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59	< 0.59	< 0.40	< 0.40
Tetrachloroethene	0.5	5	***32***	***9***	***23***	***22***	***10***	***11***	***18***	***19***	***16***	***16***	***4.4***	***5.5***	***4***	***3.8***	***5.8***	***5.5***	***6.2***	***5.9***	***13.3***	***13.3***	***20***	***20***
Toluene	160	800	< 0.5	< 0.5	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.15	< 0.053	< 0.053	< 0.053	< 0.17	< 0.17	< 0.27	< 0.29	< 0.29	< 0.29	< 0.15	< 0.15
trans-1,2-Dichloroethene	20	100	0.97	0.93	0.77 J	0.78 J	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	0.22 J	0.16 J	0.13 J	< 1.1	< 1.1	< 0.46	< 0.53	< 0.53	< 0.53	0.47 J	0.69 J
Trichloroethene	0.5	5	***33***	***20***	***24***	***25***	***23***	***18***	***23***	***28***	***19***	***21***	***6.2***	***3.8***	***2***	***2.2***	***3.9***	***3.7***	***4.7***	***7.5***	***12.9***	***13.2***	***15 J***	***19 J***
Trichlorofluoromethane	698	3490	< 2	< 2	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 0.5	< 0.13	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42	< 0.42	< 0.43	< 0.43
Vinyl chloride	0.02	0.2	***1.5***	***1.1***	***0.86***	***0.63***	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	***0.24 J***	***0.34 J***	***0.32 J***	***0.37 J***	***0.65 J***
Xylenes, Total	400	2000	< 0.5	< 0.5	< 0.3	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.22	< 0.058	< 0.12	< 0.12	< 1.5	< 1.5	< 1.5	< 1.0	< 1.0	< 1.0	< 0.22	< 0.22
Total PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	< 0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	< 0.091	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	< 0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/08/2010	03/30/2011	04/11/2012	01/14/2013	04/20/2013	07/18/2013	10/10/2013	04/17/2014	10/16/2014	10/16/2018	04/08/2010	10/01/2010	03/30/2011	04/11/2012	01/15/2013	04/20/2013	07/18/2013	10/10/2013	04/17/2014
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	< 8	< 0.25	< 4	< 0.31	< 0.5	< 0.5	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	< 16	< 0.5	< 8	< 0.26	< 0.4	< 0.4	< 0.2	< 0.2	< 0.20
1,1,2-Trichloroethane	0.5	5	< 0.25	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	< 8	< 0.25	< 4	< 0.3	< 0.56	< 0.56	< 0.28	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 0.5	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	< 16	< 0.5	< 8	< 0.29	< 0.62	< 0.62	< 0.31	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.2	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	< 6.4	< 0.2	< 3.2	< 0.22	< 0.28	< 0.28	< 0.14	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.2	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	NA	< 6.4	< 0.2	< 3.2	< 0.45	< 0.72	< 0.72	< 0.36	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 0.2	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	NA	< 6.4	< 0.2	< 3.2	< 0.21	< 0.54	< 0.54	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 0.5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	< 16	< 0.5	< 8	< 0.28	< 0.56	< 0.56	< 0.28	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.5	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	< 16	< 0.5	< 8	< 0.36	< 0.4	< 0.4	< 0.2	< 0.2	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 0.25	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	NA	< 8	< 0.25	< 4	< 0.36	< 0.48	< 0.48	< 0.24	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.25	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	< 8	< 0.25	< 4	< 0.22	< 0.62	< 0.62	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.2	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA	< 6.4	< 0.2	< 3.2	< 0.23	< 0.36	< 0.36	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.2	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	NA	< 6.4	< 0.2	< 3.2	< 0.12	< 0.15	< 0.15	< 0.074	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 0.2	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	< 6.4	< 0.2	< 3.2	< 0.23	< 0.34	< 0.34	< 0.17	< 0.17	< 0.17
Bromoform	0.44	4.4	< 0.2	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	< 6.4	< 0.2	< 3.2	< 0.45	< 0.56	< 0.56	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 0.5	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	< 16	< 0.5	< 8	< 0.49	< 0.62	< 0.62	< 0.31	< 0.31	< 0.31
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.8	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	NA	< 26	< 0.8	< 13	< 0.28	< 0.52	< 0.52	< 0.26	< 0.26	< 0.26
Chloroethane	80	400	< 1	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	NA	< 32	< 1	< 16	< 0.33	< 0.68	< 0.68	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	< 6.4	< 0.2	< 3.2	< 0.25	< 0.4	< 0.4	< 0.2	< 0.2	< 0.20
Chloromethane	3	30	< 0.3	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA	< 9.6	< 0.3	< 4.8	< 0.24	< 0.36	< 0.36	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	< 0.5	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	NA	< 16	0.67	< 8	< 0.22	< 0.24	< 0.24	< 0.12	< 0.12	< 0.12
Di-isopropyl ether	NE	NE	< 0.5	< 0.5	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA	< 16	< 0.5	< 8	< 0.27	< 0.3	< 0.3	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	< 16	< 0.5	< 8	< 0.26	< 0.4	< 0.4	< 0.2	< 0.2	< 0.20
Ethylbenzene	140	700	< 0.5	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	< 16	< 0.5	< 8	< 0.14	< 0.26	< 0.26	< 0.13	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 0.2	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	< 6.4	< 0.2	< 3.2	< 0.21	< 0.28	< 0.28	< 0.14	< 0.14	< 0.14
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.5	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	NA	< 16	< 0.5	< 8	< 0.28	< 0.48	< 0.48	< 0.24	< 0.24	< 0.24
Methylene chloride	0.5	5	< 1	< 1	***8.6***	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	NA	< 32	< 1	< 16	***8.1***	< 1.4	< 1.4	< 0.68	< 0.68	< 0.68
Naphthalene	10	100	< 0.25	< 0.25	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	< 8	< 0.25	< 4	< 0.24	< 0.32	< 0.32	< 0.16	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 0.2	< 0.2	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	< 6.4	< 0.2	< 3.2	< 0.21	< 0.26	< 0.26	< 0.13	< 0.13	< 0.13
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.5	< 0.5	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	< 16	< 0.5	< 8	< 0.19	< 0.26	< 0.26	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.2	< 0.2	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	< 6.4	< 0.2	< 3.2	< 0.24	< 0.34	< 0.34	< 0.17	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 0.25	< 0.25	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA	< 8	< 0.25	< 4	< 0.19	< 0.3	< 0.3	< 0.15	< 0.15	< 0.15
Styrene	10	100	< 0.5	< 0.5	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	NA	< 16	< 0.5	< 8	< 0.26	< 0.2	< 0.2	< 0.1	< 0.1	< 0.10
tert-Butylbenzene	NE	NE	< 0.2	< 0.2	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	< 6.4	< 0.2	< 3.2	< 0.24	< 0.28	< 0.28	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	***1.6***	***1.3***	***1.2***	***1.3***	***1.3***	***0.81 J***	***1.1***	***1.3***	***1***	NA	***1400***	***1300***	***1000***	***610***	***720***	***910***	***580***	***440***	***450***
Toluene	160	800	< 0.5	< 0.5	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	NA	< 16	< 0.5	< 8	< 0.15	< 0.22	< 0.22	< 0.11	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.5	< 0.5	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	< 16	< 0.5	< 8	< 0.27	< 0.5	< 0.5	< 0.25	< 0.25	< 0.25
Trichloroethene	0.5	5	< 0.2	< 0.2	< 0.18	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	NA	***20***	***16***	***9.8***	***5.4***	***5.1***	***6.4***	***4.1***	***3***	***2.5***
Trichlorofluoromethane	698	3490	< 2	< 2	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	NA	< 64	< 2	< 32	< 0.22	< 0.38	< 0.38	< 0.19	< 0.19	< 1.0
Vinyl chloride	0.02	0.2	< 0.2	< 0.2	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	NA	< 6.4	< 0.2	< 3.2	< 0.13	< 0.2	< 0.2	< 0.1	< 0.1	< 0.10
Xylenes, Total	400	2000	< 0.5	< 0.5	< 0.3	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	NA	< 16	< 0.5	< 8	< 0.3	< 0.14	< 0.14	< 0.068	< 0.068	< 0.068
Total PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	< 0.17	NA	NA	NA	NA	NA	< 0.0072	NA	NA	NA	NA	< 0.18	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	< 0.091	NA	NA	NA	NA	NA	< 0.0042	NA	NA	NA	NA	< 0.096	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	< 0.13	NA	NA	NA	NA	NA	< 0.013	NA	NA	NA	NA	< 0.14	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA	< 0.011	NA	NA	NA	NA	< 0.11	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																					
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	376	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D[3]	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft	39 - 44 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/16/2014	04/14/2015	10/21/2015	01/25/2016	04/21/2016	07/19/2016	10/13/2016	1/19/2017	04/12/2017	10/04/2017	04/05/2018	10/16/2018	10/16/2018	04/12/2019	10/16/2019	10/20/2020	04/15/2021	10/15/2021	04/28/2022	10/24/2022	4/13/2023	10/16/2023
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.50	< 0.25	< 0.46	< 0.55	< 1.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36	< 0.36	NA	< 0.46	< 0.46
1,1,1-Trichloroethane	40	200	< 0.40	< 0.20	< 0.38	< 0.50	< 1.0	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.30	< 0.38	< 0.38
1,1,2-Trichloroethane	0.5	5	< 0.56	< 0.28	< 0.35	< 0.50	< 1.0	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.10	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.34	< 0.35	< 0.35
1,1-Dichloroethene	0.7	7	< 0.62	< 0.31	< 0.39	< 0.70	< 1.4	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58	< 0.58	< 0.58	< 0.39	< 0.39
1,2,4-Trimethylbenzene	96	480	< 0.28	< 0.14	< 0.36	< 0.30	< 0.60	< 0.060	< 0.060	< 0.060	< 0.060	< 0.06	< 0.060	< 0.060	< 0.060	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	NA	< 0.36	< 0.36
1,2-Dibromoethane	0.005	0.05	< 0.72	< 0.36	< 0.39	< 0.65	< 1.3	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31	< 0.31	NA	< 0.39	< 0.39
1,2-Dichlorobenzene	60	600	< 0.54	< 0.27	< 0.33	0.45 J	< 0.76	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	NA	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 0.56	< 0.28	< 0.39	< 0.39	< 0.78	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29	< 0.29	< 0.29	< 0.39	< 0.39
1,2-Dichloropropane	0.5	5	< 0.40	< 0.20	< 0.43	< 0.50	< 1.0	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	NA	< 0.43	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 0.48	< 0.24	< 0.46	< 0.23	< 0.45	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	0.050 J	< 0.045	< 0.045	< 0.63	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	NA	< 0.46 UJ	< 0.46
1,2,4-Trichlorobenzene	14	70	< 0.62	< 0.31	< 0.34	0.85 J	< 0.77	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	NA	< 0.34 UJ	< 0.34
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.18	< 0.25	< 0.38	< 0.75	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36	< 0.36	NA	< 0.25	< 0.25
2-Butanone	800	4000	NA	NA	NA	< 15	< 30	< 3.0	< 3.0	< 3.0	< 3.0	< 3	< 3.0	< 3.0	< 3.0	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	< 6.5	< 2.1	< 2.1
2-Hexanone	NE	NE	NA	NA	NA	< 4.8	< 9.5	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 2.5	< 2.5	< 5.2	< 6.3	< 6.3	< 6.3	< 6.3	< 1.6	< 1.6
4-Methyl-2-pentanone	50	500	NA	NA	NA	< 3.9	< 7.7	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 1.5	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	< 6.0	< 2.2	< 2.2
Acetone	1800	9000	NA	NA	NA	< 17	< 34	< 3.4	< 3.4	< 3.4	15 BJ	< 3.4	< 3.4	< 3.4	< 3.4	< 2.7	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	< 8.6	< 2.6 U	< 1.7
Benzene	0.5	5	< 0.15	< 0.074	< 0.15	< 0.45	< 0.89	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30	< 0.30	< 0.30	< 0.15	< 0.15
Bromodichloromethane	0.06	0.6	< 0.34	< 0.17	< 0.37	< 0.39	< 0.77	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42	< 0.42	< 0.37	< 0.37
Bromoform	0.44	4.4	< 0.56	< 0.28	< 0.48	< 0.44	< 0.88	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8	< 3.8	< 3.8	< 0.48	< 0.48
Bromomethane	1	10	< 0.62	< 0.31	< 0.80	< 3.0	< 5.9	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2	< 1.2	< 1.2	< 0.80 UJ	< 0.80
Carbon disulfide	200	1000	NA	NA	NA	< 0.27	< 0.53	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.37	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	< 1.1	< 0.45	< 0.45
Carbon tetrachloride	0.5	5	< 0.52	< 0.26	< 0.38	< 0.19	< 0.38	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.17	< 0.17	< 1.1	< 0.37	< 0.37	< 0.37	< 0.37	< 0.38	< 0.38
Chloroethane	80	400	< 0.68	< 0.34	< 0.47	< 1.3	< 2.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4	5.4	NA	< 0.51 UJ	< 0.51
Chloroform	0.6	6	< 0.40	< 0.20	< 0.37	< 0.31	< 0.62	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	< 1.2	< 0.37	0.47 J
Chloromethane	3	30	< 0.36	< 0.18	< 0.32	< 0.80	< 1.6	0.20 J	0.81 BJ	0.33 BJ	0.30 J+	1.4 J	0.28 J+	< 0.31 U	< 0.25 U	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 1.6	< 0.32	< 0.32
cis-1,2-Dichloroethene	7	70	< 0.24	< 0.12	< 0.41	< 0.55	< 1.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.47	< 0.47 J	< 0.47	NA	< 0.41	< 0.41
Di-isopropyl ether	NE	NE	< 0.30	< 0.15	< 0.28	< 0.75	< 1.5	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1	< 1.1	NA	< 0.28	< 0.28
Dichlorodifluoromethane	200	1000	< 0.40	< 0.20	< 0.54	< 0.55	< 1.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.15 J+	< 0.11	< 0.11	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46	< 0.46	NA	< 0.67	< 0.67
Ethylbenzene	140	700	< 0.26	< 0.13	< 0.18	< 0.27	< 0.54	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.22	< 0.22	< 0.32	< 0.33	< 0.33	< 0.33	< 0.33	< 0.18	< 0.18
Isopropylbenzene	NE	NE	< 0.28	< 0.14	< 0.39	< 0.41	< 0.81	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.39	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	NA	< 0.39	< 0.39
m,p-Xylene	400	2000	NA	NA	NA	< 0.29	< 0.57	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70	< 0.70	NA	< 0.18	< 0.18
Methyl tert-butyl ether	12	60	< 0.48	< 0.24	< 0.39	< 0.70	< 1.4	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1 J	< 1.1	NA	< 0.39	< 0.39
Methylene chloride	0.5	5	< 1.4	< 0.68	< 1.6	< 0.70	< 1.4	< 0.14	< 0.14	***0.82 BJ***	< 0.14	< 0.14	< 0.14	< 0.27 U	< 0.27 U	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	NA	< 1.6	< 1.6
Naphthalene	10	100	< 0.32	< 0.16	< 0.34	< 0.44	< 0.88	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	0.33 J	< 0.088	< 0.088	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	NA	< 0.34 UJ	< 0.34
n-Butylbenzene	NE	NE	< 0.26	< 0.13	< 0.39	< 0.70	< 1.4	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86	< 0.86	NA	< 0.39	< 0.39
n-Hexane	120	600	NA	NA	NA	< 1.1	< 2.1	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.7	< 1.5	< 1.5	< 1.5	< 1.5	< 0.49	< 0.49
n-Propylbenzene	NE	NE	< 0.26	< 0.13	< 0.41	< 0.50	< 1.0	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.10	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35	< 0.35	NA	< 0.41	< 0.41
o-Xylene	400	2000	NA	NA	NA	< 0.29	< 0.58	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35	< 0.35	NA	< 0.22	< 0.22
p-Isopropyltoluene	NE	NE	< 0.34	< 0.17	< 0.36	< 0.43	< 0.85	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 1.0	NA	< 0.36	< 0.36
sec-Butylbenzene	NE	NE	< 0.30	< 0.15	< 0.40	< 0.65	< 1.3	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42	< 0.42	NA	< 0.40	< 0.40
Styrene	10	100	< 0.20	< 0.10	< 0.39	< 0.33	< 0.65	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.47	< 0.47	< 3.0	< 0.36	< 0.36	< 0.36	NA	< 0.39	< 0.39
tert-Butylbenzene	NE	NE	< 0.28	< 0.14	< 0.40	< 0.60	< 1.2	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59	< 0.59	NA	< 0.40	< 0.40
Tetrachloroethene	0.5	5	***540***	***250***	***210***	***85***	***290***	***81***	***28***	***22***	***19***	***38***	***29***	***20***	***18***	***17.1***	***10.8***	***6.3***	***7***	***4.7***	***5***	***5.1***	***3.9***	***8.2***
Toluene	160	800	< 0.22	< 0.11	< 0.15	0.30 J	< 0.53	< 0.053	0.090 J	0.090 BJ	< 0.053	< 0.053	0.060 J	< 0.053	< 0.053	< 0.17	< 0.17	< 0.27	< 0.29	< 0.29	< 0.29	< 0.29	< 0.15	< 0.15
trans-1,2-Dichloroethene	20	100	< 0.50	< 0.25	< 0.35	< 0.55	< 1.1	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 1.1	< 1.1	< 0.46	< 0.53	< 0.53	< 0.53	NA	< 0.35	< 0.35
Trichloroethene	0.5	5	***2.1***	***1.2***	***0.73***	***0.60 J***	< 0.62	0.24 J	0.10 J	0.12 BJ	0.12 J	0.09 J	< 0.062	< 0.062	< 0.062	< 0.26	< 0.26	< 0.26	< 0.32	< 0.32	< 0.32	< 0.32	< 0.16	< 0.16
Trichlorofluoromethane	698	3490	< 2.0	< 1.0	< 1.0	< 2.5	< 5.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.13	< 0.13	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42	< 0.42	NA	< 0.43	< 0.43
Vinyl chloride	0.02	0.2	< 0.20	< 0.10	< 0.20	< 0.80	< 1.6	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.20
Xylenes, Total	400	2000	< 0.14	< 0.068	< 0.22	< 0.29	< 0.58	< 0.058	< 0.058	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 1.5	< 1.5	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 0.22	< 0.22
Total PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0072	< 0.0072	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0042	< 0.0042	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.013	< 0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.011	< 0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1220	1220	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S[1]	MW-3S[1,3]	MW-3S	MW-3S[1]	MW-3S[1]
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/07/2010	03/29/2011	04/12/2012	11/30/2012	12/18/2012	12/19/2012	12/28/2012	01/03/2013	01/15/2013	01/15/2013	01/31/2013	02/12/2013	02/12/2013	02/12/2013	02/28/2013	03/12/2013	04/16/2013
VOCs																			
1,1,1,2-Tetrachloroethane	7	70	< 8	< 6.3	< 1.6	< 1.3	NA	NA	NA	NA	NA	< 0.25	NA	NA	NA	< 0.25	< 0.25	NA	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 16	< 13	< 1.3	< 1	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 0.2	< 0.2	NA	< 0.2	< 0.2
1,1,2-Trichloroethane	0.5	5	< 8	< 6.3	< 1.5	< 1.4	NA	NA	NA	NA	NA	< 0.28	NA	NA	NA	< 0.28	< 0.28	NA	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 16	< 13	< 1.5	< 1.6	NA	NA	NA	NA	NA	< 0.31	NA	NA	NA	< 0.31	< 0.31	NA	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 6.4	< 5	< 1.1	< 0.7	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	< 0.14	< 0.14	NA	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 6.4	< 5	< 2.3	< 1.8	NA	NA	NA	NA	NA	< 0.36	NA	NA	NA	< 0.36	< 0.36	NA	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 6.4	< 5	< 1.1	< 1.4	NA	NA	NA	NA	NA	< 0.27	NA	NA	NA	< 0.27	< 0.27	NA	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 16	< 13	< 1.4	< 1.4	NA	NA	NA	NA	NA	< 0.28	NA	NA	NA	< 0.28	< 0.28	NA	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 16	< 13	< 1.8	< 1	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 0.2	< 0.2	NA	< 0.2	< 0.2
1,2,3-Trichlorobenzene	NE	NE	< 8	< 6.3	< 1.8	< 1.2	NA	NA	NA	NA	NA	< 0.24	NA	NA	NA	< 0.24	< 0.24	NA	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 8	< 6.3	< 1.1	< 1.6	NA	NA	NA	NA	NA	< 0.31	NA	NA	NA	< 0.31	< 0.31	NA	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 6.4	< 5	< 1.2	< 0.9	NA	NA	NA	NA	NA	< 0.18	NA	NA	NA	< 0.18	< 0.18	NA	< 0.18	< 0.18
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 6.4	< 5	< 0.6	***1.5 J***	NA	NA	NA	NA	NA	0.42 J	NA	NA	NA	***0.88***	***0.9***	NA	***1***	***0.6***
Bromodichloromethane	0.06	0.6	< 6.4	< 5	< 1.2	< 0.85	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17	NA	< 0.17	< 0.17
Bromoform	0.44	4.4	< 6.4	< 5	< 2.3	< 1.4	NA	NA	NA	NA	NA	< 0.28	NA	NA	NA	< 0.28	< 0.28	NA	< 0.28	< 0.28
Bromomethane	1	10	< 16	< 13	< 2.5	< 1.6	NA	NA	NA	NA	NA	< 0.31	NA	NA	NA	< 0.31	< 0.31	NA	< 0.31	< 0.31
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 26	< 20	< 1.4	< 1.3	NA	NA	NA	NA	NA	< 0.26	NA	NA	NA	< 0.26	< 0.26	NA	< 0.26	< 0.26
Chloroethane	80	400	< 32	< 25	< 1.7	< 1.7	NA	NA	NA	NA	NA	< 0.34	NA	NA	NA	< 0.34	< 0.34	NA	< 0.34	< 0.34
Chloroform	0.6	6	< 6.4	< 5	***3.7 J***	***5***	NA	NA	NA	NA	NA	***1.6***	NA	NA	NA	***3***	***3.2***	NA	***4.1***	***2.7***
Chloromethane	3	30	< 9.6	< 7.5	< 1.2	< 0.9	NA	NA	NA	NA	NA	< 0.18	NA	NA	NA	< 0.18	< 0.18	NA	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	***83***	***37***	***89***	***98***	NA	NA	NA	NA	NA	< 0.12	NA	NA	NA	1.6	1.8	NA	5.0	< 0.12
Di-isopropyl ether	NE	NE	< 16	< 13	< 1.4	< 0.75	NA	NA	NA	NA	NA	< 0.15	NA	NA	NA	< 0.15	< 0.15	NA	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 16	< 13	< 1.3	< 1	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 0.2	< 0.2	NA	< 0.2	< 0.2
Ethylbenzene	140	700	< 16	< 13	< 0.7	< 0.65	NA	NA	NA	NA	NA	0.36 J	NA	NA	NA	< 0.13	< 0.13	NA	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 6.4	< 5	< 1.1	< 0.7	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	< 0.14	< 0.14	NA	< 0.14	< 0.14
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 16	< 13	< 1.4	< 1.2	NA	NA	NA	NA	NA	< 0.24	NA	NA	NA	< 0.24	< 0.24	NA	< 0.24	< 0.24
Methylene chloride	0.5	5	< 32	< 25	< 3.2	< 3.4	NA	NA	NA	NA	NA	< 0.68	NA	NA	NA	< 0.68	< 0.68	NA	< 0.68	< 0.68
Naphthalene	10	100	< 8	< 6.3	< 1.2	< 0.8	NA	NA	NA	NA	NA	< 0.16	NA	NA	NA	< 0.16	< 0.16	NA	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 6.4	< 5	< 1.1	< 0.65	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	< 0.13	< 0.13	NA	< 0.13	< 0.13
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 16	< 13	< 0.95	< 0.65	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	< 0.13	< 0.13	NA	< 0.13	< 0.13
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 6.4	< 5	< 1.2	< 0.85	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	< 0.17	< 0.17	NA	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 8	< 6.3	< 0.95	< 0.75	NA	NA	NA	NA	NA	< 0.15	NA	NA	NA	< 0.15	< 0.15	NA	< 0.15	< 0.15
Styrene	10	100	< 16	< 13	< 1.3	< 0.5	NA	NA	NA	NA	NA	< 0.1	NA	NA	NA	< 0.1	< 0.1	NA	< 0.1	< 0.1
tert-Butylbenzene	NE	NE	< 6.4	< 5	< 1.2	< 0.7	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	< 0.14	< 0.14	NA	< 0.14	< 0.14
Tetrachloroethene	0.5	5	***2000***	***1100***	***1600***	***2400***	NA	NA	NA	NA	NA	***88***	NA	NA	NA	***600***	***600***	NA	***750***	***20***
Toluene	160	800	< 16	< 13	< 0.75	< 0.55	NA	NA	NA	NA	NA	0.38 J	NA	NA	NA	< 0.11	< 0.11	NA	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 16	< 13	5.4	6.0	NA	NA	NA	NA	NA	< 0.25	NA	NA	NA	< 0.25	< 0.25	NA	< 0.25	< 0.25
Trichloroethene	0.5	5	***130***	***66***	***120***	***160***	NA	NA	NA	NA	NA	< 0.19	NA	NA	NA	***6.8***	***6.7***	NA	***16***	< 0.19
Trichlorofluoromethane	698	3490	< 64	< 50	< 1.1	< 0.95	NA	NA	NA	NA	NA	< 0.19	NA	NA	NA	< 0.19	< 0.19	NA	< 0.19	< 0.19
Vinyl chloride	0.02	0.2	< 6.4	< 5	< 0.65	< 0.5	NA	NA	NA	NA	NA	< 0.1	NA	NA	NA	< 0.1	< 0.1	NA	< 0.1	< 0.1
Xylenes, Total	400	2000	< 16	< 13	< 1.5	< 0.34	NA	NA	NA	NA	NA	2.4	NA	NA	NA	< 0.068	< 0.068	NA	< 0.068	< 0.068
Total PCBs																				
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.096	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																				
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																				
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	2500	12000	7100	3400	3800	2700	3400	4700	8600	8200	NA	NA	13000	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-3S	MW-3S	MW-3S[1]	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S[3]	MW-3S	MW-3S	MW-3S[3]	MW-3S	MW-3S	MW-3S[3]	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	19 - 29 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	07/16/2013	10/10/2013	04/16/2014	10/22/2014	04/13/2015	10/21/2015	10/13/2016	10/05/2017	10/12/2018	10/14/2019	10/14/2019	10/16/2020	10/19/2021	10/19/2021	10/21/2022	10/16/2023	10/16/2023	04/07/2010	10/01/2010	03/30/2011	04/12/2012	11/30/2012	12/19/2012	12/28/2012
VOCs																										
1,1,1,2-Tetrachloroethane	7	70	< 0.5	< 0.5	< 1.3	< 0.25	< 1.3	< 0.92	< 2.2	< 2.8	< 5.5	< 5.4	< 5.4	< 0.27	< 1.8	< 1.8	< 3.6	< 0.46	< 0.46	< 8	< 0.25	< 5	< 0.31	< 1.3	NA	NA
1,1,1-Trichloroethane	40	200	< 0.4	< 0.4	< 1.0	< 0.20	< 1.0	< 0.76	< 2.0	< 2.5	< 5.0	< 4.9	< 4.9	< 0.24	< 1.5	< 1.5	< 3.0	< 0.38	< 0.38	< 16	< 0.5	< 10	< 0.26	< 1	NA	NA
1,1,2-Trichloroethane	0.5	5	< 0.56	< 0.56	< 1.4	< 0.28	< 1.4	< 0.70	< 2.0	< 2.5	< 5.0	< 11.0	< 11.0	< 0.55	< 1.7	< 1.7	< 3.4	< 0.35	< 0.35	< 8	< 0.25	< 5	< 0.3	< 1.4	NA	NA
1,1-Dichloroethene	0.7	7	< 0.62	< 0.62	< 1.6	< 0.31	< 1.6	< 0.78	< 2.8	< 3.5	< 7.0	< 4.9	< 4.9	< 0.24	< 2.9	< 2.9	< 5.8	< 0.39	< 0.39	< 16	< 0.5	< 10	< 0.29	< 1.6	NA	NA
1,2,4-Trimethylbenzene	96	480	< 0.28	< 0.28	< 0.70	< 0.14	< 0.70	< 0.72	< 1.2	< 1.5	< 3.0	< 16.8	< 16.8	< 0.84	< 2.2	< 2.2	< 4.5	< 0.36	< 0.36	< 6.4	< 0.2	< 4	< 0.22	< 0.7	NA	NA
1,2-Dibromoethane	0.005	0.05	< 0.72	< 0.72	< 1.8	< 0.36	< 1.8	< 0.77	< 2.6	< 3.3	< 6.5	< 16.6	< 16.6	< 0.83	< 1.5	< 1.5	< 3.1	< 0.39	< 0.39	< 6.4	< 0.2	< 4	< 0.45	< 1.8	NA	NA
1,2-Dichlorobenzene	60	600	< 0.54	< 0.54	< 1.4	< 0.27	< 1.4	< 0.67	< 1.5	< 1.9	< 3.8	< 14.1	< 14.1	< 0.71	< 1.6	< 1.6	< 3.3	< 0.33	< 0.33	< 6.4	< 0.2	< 4	< 0.21	< 1.4	NA	NA
1,2-Dichloroethane	0.5	5	< 0.56	< 0.56	< 1.4	< 0.28	< 1.4	< 0.78	< 1.6	< 2	< 3.9	< 5.6	< 5.6	< 0.28	< 1.5	< 1.5	< 2.9	< 0.39	< 0.39	< 16	< 0.5	< 10	< 0.28	< 1.4	NA	NA
1,2-Dichloropropane	0.5	5	< 0.4	< 0.4	< 1.0	< 0.20	< 1.0	< 0.86	< 2.0	< 2.5	< 5.0	< 5.7	< 5.7	< 0.28	< 2.2	< 2.2	< 4.5	< 0.43	< 0.43	< 16	< 0.5	< 10	< 0.36	< 1	NA	NA
1,2,3-Trichlorobenzene	NE	NE	< 0.48	< 0.48	< 1.2	< 0.24	< 1.2	< 0.92	< 0.90	< 1.1	< 2.3	< 12.5	< 12.5	< 2.2	< 5.1	< 5.1	< 10.2	< 0.46	< 0.46	< 8	< 0.25	< 5	< 0.36	< 1.2	NA	NA
1,2,4-Trichlorobenzene	14	70	< 0.62	< 0.62	< 1.6	< 0.31	< 1.6	< 0.68	< 1.5	< 1.9	< 3.9	< 19.0	< 19.0	< 0.95	< 4.8	< 4.8	< 9.5	< 0.34	< 0.34	< 8	< 0.25	< 5	< 0.22	< 1.6	NA	NA
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.36	< 0.90	< 0.18	< 0.90	< 0.51	< 1.5	< 1.9	< 3.8	< 17.5	< 17.5	< 0.87	< 1.8	< 1.8	< 3.6	< 0.25	< 0.25	< 6.4	< 0.2	< 4	< 0.23	< 0.9	NA	NA
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	< 60	< 75	< 150	< 58.7	< 58.7	< 2.9	< 32.6	< 32.6	< 65.2	< 2.1	< 2.1	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	< 19	< 24	< 48	< 49.1	< 49.1	< 5.2	< 31.4	< 31.4	< 62.8	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	< 15	< 19	< 39	< 30.6	< 30.6	< 4.6	< 29.8	< 29.8	< 59.5	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	< 68	< 85	< 170	< 54.8	< 54.8	< 2.7	< 43.2	< 43.2	< 86.4	< 1.7	< 2.2 U	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	***0.70 J***	***1***	< 0.37	***0.67***	< 0.37	< 0.29	< 1.8	< 2.2	< 4.5	< 4.9	< 4.9	< 0.25	< 1.5	< 1.5	< 3.0	< 0.15	< 0.15	< 6.4	0.31	< 4	0.39 J	< 0.37	NA	NA
Bromodichloromethane	0.06	0.6	< 0.34	< 0.34	< 0.85	< 0.17	< 0.85	< 0.74	< 1.5	< 1.9	< 3.9	< 7.3	< 7.3	< 0.36	< 2.1	< 2.1	< 4.2	< 0.37	< 0.37	< 6.4	< 0.2	< 4	< 0.23	< 0.85	NA	NA
Bromoform	0.44	4.4	< 0.56	< 0.56	< 1.4	< 0.28	< 1.4	< 0.97	< 1.8	< 2.2	< 4.4	< 79.4	< 79.4	< 4.0	< 19.0	< 19.0	< 38.0	< 0.48	< 0.48	< 6.4	< 0.2	< 4	< 0.45	< 1.4	NA	NA
Bromomethane	1	10	< 0.62	< 0.62	< 1.6	< 0.31	< 1.6	< 1.6	< 12	< 15	< 30	< 19.4	< 19.4	< 0.97	< 6.0	< 6.0	< 11.9	< 0.80	< 0.80	< 16	< 0.5	< 10	< 0.49	< 1.6	NA	NA
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	< 1.1	< 1.3	< 2.7	< 7.5	< 7.5	< 0.45	< 5.5	< 5.5	< 11.0	< 0.45	< 0.45	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.52	< 0.52	< 1.3	< 0.26	< 1.3	< 0.77	< 0.76	< 0.95	< 1.9	< 3.3	< 3.3	< 1.1	< 1.8	< 1.8	< 3.7	< 0.38	< 0.38	< 26	< 0.8	< 16	< 0.28	< 1.3	NA	NA
Chloroethane	80	400	< 0.68	< 0.68	< 1.7	< 0.34	< 1.7	< 0.94	< 5.0	< 6.3	< 13	< 26.8	< 26.8	< 1.3	< 6.9	< 6.9	< 13.8	< 0.51	< 0.51	< 32	< 1	< 20	< 0.33	< 1.7	NA	NA
Chloroform	0.6	6	***2.8***	***3.7***	***3.4 J***	***2.4***	< 1.0	***3***	< 1.2	< 1.6	< 3.1	< 25.5	< 25.5	< 1.3	< 5.9	< 5.9	< 11.8	***0.66 J***	***0.70 J***	< 6.4	***0.78***	< 4	***0.93 J***	< 1	NA	NA
Chloromethane	3	30	< 0.36	< 0.36	< 0.90	< 0.18	< 0.90	< 0.64	***11 BJ***	< 4	< 17 U	< 43.8	< 43.8	< 2.2	< 8.2	< 8.2	< 16.4	< 0.32	< 0.32	< 9.6	< 0.3	< 6	< 0.24	< 0.9	NA	NA
cis-1,2-Dichloroethene	7	70	***14***	***58***	< 0.60	***35***	***54***	***36***	***29***	***20***	***21 J***	***25.6***	***24.9***	6.8	***9.1 J***	***9.3 J***	***8.5 J***	***7.8 J***	***10 J***	***510***	***310***	***300***	***350***	***520***	NA	NA
Di-isopropyl ether	NE	NE	< 0.3	< 0.3	< 0.75	< 0.15	< 0.75	< 0.55	< 3.0	< 3.8	< 7.5	< 37.8	< 37.8	< 1.9	< 5.5	< 5.5	< 11.0	< 0.28	< 0.28	< 16	< 0.5	< 10	< 0.27	< 0.75	NA	NA
Dichlorodifluoromethane	200	1000	< 0.4	< 0.4	< 1.0	< 0.20	< 1.0	< 1.1	< 2.2	< 2.8	< 5.5	< 10	< 10	< 0.50	< 2.3	< 2.3	< 4.6	< 0.67	< 0.67	< 16	< 0.5	< 10	< 0.26	< 1	NA	NA
Ethylbenzene	140	700	< 0.26	< 0.26	< 0.65	< 0.13	< 0.65	< 0.37	< 1.1	< 1.4	< 2.7	< 4.4	< 4.4	< 0.32	< 1.6	< 1.6	< 3.3	< 0.18	< 0.18	< 16	< 0.5	< 10	< 0.14	< 0.65	NA	NA
Isopropylbenzene	NE	NE	< 0.28	< 0.28	< 0.70	< 0.14	< 0.70	< 0.77	< 1.6	< 2	< 4.1	< 7.9	< 7.9	< 1.7	< 5.0	< 5.0	< 10.0	< 0.39	< 0.39	< 6.4	< 0.2	< 4	< 0.21	< 0.7	NA	NA
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	< 1.1	< 1.4	< 2.9	< 9.3	< 9.3	< 0.47	< 3.5	< 3.5	< 7.0	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.48	< 0.48	< 1.2	< 0.24	< 1.2	< 0.79	< 2.8	< 3.5	< 7.0	< 24.9	< 24.9	< 1.2	< 5.6 J	< 5.6 J	< 11.3	< 0.39	< 0.39	< 16	< 0.5	< 10	< 0.28	< 1.2	NA	NA
Methylene chloride	0.5	5	< 1.4	< 1.4	< 3.4	< 0.68	< 3.4	***17***	< 2.8	< 3.5	< 7.0	< 11.6	< 11.6	< 0.58	< 1.6	< 1.6	< 3.2	< 1.6	< 1.6	< 32	< 1	< 20	< 0.63	< 3.4	NA	NA
Naphthalene	10	100	< 0.32	< 0.32	< 0.80	< 0.16	< 0.80	< 0.67	< 1.8	< 2.2	< 4.4	< 23.5	< 23.5	< 1.2	< 5.6	< 5.6	< 11.3	< 0.34	< 0.34	< 8	< 0.25	< 5	< 0.24	< 0.8	NA	NA
n-Butylbenzene	NE	NE	< 0.26	< 0.26	< 0.65	< 0.13	< 0.65	< 0.78	< 2.8	< 3.5	< 7.0	< 14.2	< 14.2	< 0.71	< 4.3	< 4.3	< 8.6	< 0.39	< 0.39	< 6.4	< 0.2	< 4	< 0.21	< 0.65	NA	NA
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	< 4.2	< 5.3	< 11	< 34.2	< 34.2	< 1.7	< 7.3	< 7.3	< 14.6	< 0.49	< 0.49	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.26	< 0.26	< 0.65	< 0.13	< 0.65	< 0.83	< 2.0	< 2.5	< 5.0	< 16.2	< 16.2	< 0.81	< 1.7	< 1.7	< 3.5	< 0.41	< 0.41	< 16	< 0.5	< 10	< 0.19	< 0.65	NA	NA
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	< 1.2	< 1.5	< 2.9	< 5.2	< 5.2	< 0.26	< 1.7	< 1.7	< 3.5	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.34	< 0.34	< 0.85	< 0.17	< 0.85	< 0.72	< 1.7	< 2.1	< 4.3	< 16.0	< 16.0	< 0.80	< 5.2	< 5.2	< 10.4	< 0.36	< 0.36	< 6.4	< 0.2	< 4	< 0.24	< 0.85	NA	NA
sec-Butylbenzene	NE	NE	< 0.3	< 0.3	< 0.75	< 0.15	< 0.75	< 0.80	< 2.6	< 3.3	< 6.5	< 17.0	< 17.0	< 0.85	< 2.1	< 2.1	< 4.2	< 0.40	< 0.40	< 8	< 0.25	< 5	< 0.19	< 0.75	NA	NA
Styrene	10	100	< 0.2	< 0.2	< 0.50	< 0.10	< 0.50	< 0.77	< 1.3	< 1.6	< 3.3	< 9.3	< 9.3	< 3.0	< 1.8	< 1.8	< 3.6	< 0.39	< 0.39	< 16	< 0.5	< 10	< 0.26	< 0.5	NA	NA
tert-Butylbenzene	NE	NE	< 0.28	< 0.28	< 0.70	< 0.14	< 0.70	< 0.80	< 2.4	< 3	< 6.0	< 6.1	< 6.1	< 0.30	< 2.9	< 2.9	< 5.9	< 0.40	< 0.40	< 6.4	< 0.2	< 4	< 0.24	< 0.7	NA	NA
Tetrachloroethene	0.5	5	***840***	***1000***	***630***	***770***	***1300***	***1300***	***860***	***690 B***	***1100***	***1270***	***1220***	***355***	***784***	***772***	***689***	***460***	***490***	***1700***	***1500***	***1200***	***1100***	***1800***	NA	NA
Toluene	160	800	< 0.22	< 0.22	< 0.55	< 0.11	< 0.55	< 0.30	< 1.1	< 1.3	< 2.7	< 3.4	< 3.4	< 0.27	< 1.4	< 1.4	< 2.9	< 0.15	< 0.15	< 16	< 0.5	< 10	< 0.15	< 0.55	NA	NA
trans-1,2-Dichloroethene	20	100	< 0.5	4.9	< 1.3	2.7	< 1.3	3.1	3.4 J	< 2.8	< 5.5	< 21.8	< 21.8	0.85 J	< 2.6	< 2.6	< 5.3	1.3 J	1.8 J	< 16	6.6	< 10	5.9	7.7	NA	NA
Trichloroethene	0.5	5	***26***	***100***	***6.9***	***82***	***120***	***90***	***86***	***65***	***73***	***90.1***	***87.4***	***28.2***	***45.5***	***45.8***	***33.3***	***32 J***	***41 J***	***270***	***200***	***170***	***160***	***250***	NA	NA
Trichlorofluoromethane	698	3490	< 0.38	< 0.38	< 5.0	< 1.0	< 5.0	< 2.0	< 10	< 13	< 6.5	< 4.3	< 4.3	< 0.21	< 2.1	< 2.1	< 4.2	< 0.43	< 0.43	< 64	< 2	< 40	< 0.22	< 0.95	NA	NA
Vinyl chloride	0.02	0.2	< 0.2	< 0.2	< 0.50	< 0.10	< 0.50	< 0.41	< 3.2	< 4	< 8.0	< 3.5	< 3.5	< 0.17	< 0.87	< 0.87	< 1.7	< 0.20	< 0.20	< 6.4	< 0.2	< 4	< 0.13	< 0.5	NA	NA
Xylenes, Total	400	2000	< 0.14	< 0.14	< 0.34	< 0.068	< 0.34	< 0.44	< 1.2	< 2.9	< 5.8	< 30.0	< 30.0	< 1.5	< 5.2	< 5.2	< 10.5	< 0.22	< 0.22	< 16	< 0.5	< 10	< 0.3	< 0.34	NA	NA
Total PCBs																										
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																										
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																										
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1700	2100	2400
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D[3]	MW-3D	MW-3D	MW-3D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	01/03/2013	01/16/2013	01/31/2013	02/12/2013	02/12/2013	02/28/2013	03/13/2013	04/16/2013	07/16/2013	10/10/2013	04/18/2014	10/16/2014	04/14/2015	10/21/2015	01/25/2016	04/22/2016	04/22/2016	07/20/2016	10/13/2016	1/19/2017
VOCs																						
1,1,1,2-Tetrachloroethane	7	70	NA	< 0.25	NA	NA	< 0.25	NA	< 0.25	< 0.25	< 0.5	< 0.25	< 0.50	< 0.50	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
1,1,1-Trichloroethane	40	200	NA	< 0.2	NA	NA	< 0.2	NA	< 0.2	< 0.2	< 0.4	< 0.2	< 0.40	< 0.40	< 0.20	< 0.38	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
1,1,2-Trichloroethane	0.5	5	NA	< 0.28	NA	NA	< 0.28	NA	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.56	< 0.28	< 0.35	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
1,1-Dichloroethene	0.7	7	NA	< 0.31	NA	NA	< 0.31	NA	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.62	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2,4-Trimethylbenzene	96	480	NA	< 0.14	NA	NA	< 0.14	NA	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.28	< 0.14	< 0.36	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
1,2-Dibromoethane	0.005	0.05	NA	< 0.36	NA	NA	< 0.36	NA	< 0.36	< 0.36	< 0.72	< 0.36	< 0.72	< 0.72	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,2-Dichlorobenzene	60	600	NA	< 0.27	NA	NA	< 0.27	NA	< 0.27	< 0.27	< 0.54	< 0.27	< 0.54	< 0.54	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076
1,2-Dichloroethane	0.5	5	NA	< 0.28	NA	NA	< 0.28	NA	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.56	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078
1,2-Dichloropropane	0.5	5	NA	< 0.2	NA	NA	< 0.2	NA	< 0.2	< 0.2	< 0.4	< 0.2	< 0.40	< 0.40	< 0.20	< 0.43	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
1,2,3-Trichlorobenzene	NE	NE	NA	< 0.24	NA	NA	< 0.24	NA	< 0.24	< 0.24	< 0.48	< 0.24	< 0.48	< 0.48	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	0.18 BJ	< 0.045	< 0.045
1,2,4-Trichlorobenzene	14	70	NA	< 0.31	NA	NA	< 0.31	NA	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.62	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	0.16 BJ	< 0.077	< 0.077
1,3,5-Trimethylbenzene	96	480	NA	< 0.18	NA	NA	< 0.18	NA	< 0.18	< 0.18	< 0.36	< 0.18	< 0.36	< 0.36	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	4.0 J	5.7 J	< 3.0	< 3.0	< 3.0
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	14 J	15 J	< 3.4	12 J	33
Benzene	0.5	5	NA	0.32 J	NA	NA	0.29 J	NA	< 0.074	0.27 J	< 0.15	0.36 J	< 0.15	***0.55 J***	0.40 J	< 0.15	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	0.36 BJ
Bromodichloromethane	0.06	0.6	NA	< 0.17	NA	NA	< 0.17	NA	< 0.17	< 0.17	< 0.34	< 0.17	< 0.34	< 0.34	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077
Bromoform	0.44	4.4	NA	< 0.28	NA	NA	< 0.28	NA	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.56	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088
Bromomethane	1	10	NA	< 0.31	NA	NA	< 0.31	NA	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.62	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	0.18 J	0.44 J	0.38 J	0.39 J
Carbon tetrachloride	0.5	5	NA	< 0.26	NA	NA	< 0.26	NA	< 0.26	< 0.26	< 0.52	< 0.26	< 0.52	< 0.52	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038
Chloroethane	80	400	NA	< 0.34	NA	NA	< 0.34	NA	< 0.34	< 0.34	< 0.68	< 0.34	< 0.68	< 0.68	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Chloroform	0.6	6	NA	***0.89 J***	NA	NA	< 0.2	NA	< 0.2	< 0.2	< 0.4	***0.85 J***	< 0.40	< 0.40	***0.88 J***	***0.90 J***	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	0.19 BJ
Chloromethane	3	30	NA	< 0.18	NA	NA	< 0.18	NA	< 0.18	< 0.18	< 0.36	< 0.18	< 0.36	< 0.36	< 0.18	< 0.32	< 0.16	< 0.16	< 0.16	< 0.16	0.31 BJ	0.30 BJ
cis-1,2-Dichloroethene	7	70	NA	***290***	NA	NA	***200***	NA	***54***	***210***	***200***	***180***	***170***	***170***	***82***	***48***	0.87	0.77	0.69	***13***	3.6	***7.3***
Di-isopropyl ether	NE	NE	NA	< 0.15	NA	NA	< 0.15	NA	< 0.15	< 0.15	< 0.3	< 0.15	< 0.30	< 0.30	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	NA	< 0.2	NA	NA	< 0.2	NA	< 0.2	< 0.2	< 0.4	< 0.2	< 0.40	< 0.40	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Ethylbenzene	140	700	NA	< 0.13	NA	NA	< 0.13	NA	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.26	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054
Isopropylbenzene	NE	NE	NA	< 0.14	NA	NA	< 0.14	NA	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.28	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057
Methyl tert-butyl ether	12	60	NA	< 0.24	NA	NA	< 0.24	NA	< 0.24	< 0.24	< 0.48	< 0.24	< 0.48	< 0.48	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methylene chloride	0.5	5	NA	< 0.68	NA	NA	< 0.68	NA	< 0.68	< 0.68	< 1.4	< 0.68	< 1.4	< 1.4	< 0.68	< 1.6	0.33 J	< 0.14	< 0.14	< 0.14	0.31 J	0.45 BJ
Naphthalene	10	100	NA	< 0.16	NA	NA	< 0.16	NA	< 0.16	< 0.16	< 0.32	< 0.16	< 0.32	< 0.32	< 0.16	< 0.34	< 0.088	< 0.088	< 0.088	0.31 BJ	< 0.088	< 0.088
n-Butylbenzene	NE	NE	NA	< 0.13	NA	NA	< 0.13	NA	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.26	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
n-Propylbenzene	NE	NE	NA	< 0.13	NA	NA	< 0.13	NA	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.26	< 0.13	< 0.41	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058
p-Isopropyltoluene	NE	NE	NA	< 0.17	NA	NA	< 0.17	NA	< 0.17	< 0.17	< 0.34	< 0.17	< 0.34	< 0.34	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085
sec-Butylbenzene	NE	NE	NA	< 0.15	NA	NA	< 0.15	NA	< 0.15	< 0.15	< 0.3	< 0.15	< 0.30	< 0.30	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Styrene	10	100	NA	< 0.1	NA	NA	< 0.1	NA	< 0.1	< 0.1	< 0.2	< 0.1	< 0.20	< 0.20	< 0.10	< 0.39	< 0.065	< 0.065	< 0.065	0.15 J	< 0.065	< 0.065
tert-Butylbenzene	NE	NE	NA	< 0.14	NA	NA	< 0.14	NA	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.28	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Tetrachloroethene	0.5	5	NA	***660***	NA	NA	***760***	NA	***150***	***740***	***920***	***620***	***730***	***1100***	***850***	***140***	***3.5***	***2.3***	***1.8***	***4.1***	***13***	***5.4 B***
Toluene	160	800	NA	< 0.11	NA	NA	< 0.11	NA	< 0.11	< 0.11	< 0.22	< 0.11	< 0.22	< 0.22	< 0.11	< 0.15	0.12 J	< 0.053	< 0.053	0.11 J	< 0.053	0.44 BJ
trans-1,2-Dichloroethene	20	100	NA	6.0	NA	NA	4.0	NA	1.1	4.2	4.8	5.2	6.4	9.3	4.3	3.1	< 0.11	< 0.11	< 0.11	0.17 J	< 0.11	< 0.11
Trichloroethene	0.5	5	NA	***140***	NA	NA	***130***	NA	***30***	***120***	***130***	***100***	***130***	***170***	***92***	***51***	***0.86***	***0.63***	***0.5***	***2.2***	***3.9***	***11***
Trichlorofluoromethane	698	3490	NA	< 0.19	NA	NA	< 0.19	NA	< 0.19	< 0.19	< 0.38	< 0.19	< 2.0	< 2.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Vinyl chloride	0.02	0.2	NA	< 0.1	NA	NA	< 0.1	NA	< 0.1	< 0.1	< 0.2	< 0.1	< 0.20	< 0.20	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Xylenes, Total	400	2000	NA	< 0.068	NA	NA	< 0.068	NA	< 0.068	< 0.068	< 0.14	< 0.068	< 0.14	< 0.14	< 0.068	< 0.22	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.12
Total PCBs																						
Aroclor-1016	0.003	0.03	NA	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	< 0.096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	< 0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																						
Total Dissolved Solids (mg/L)	NE	NE	2200	2000	480	4400	4200	5200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-3D	MW-3D	MW-3D	MW-3D[3]	MW-3D	MW-3D	MW-3D[3]	MW-3D	MW-3D[3]	MW-3D	MW-3D	MW-3D[3]	MW-3D	MW-3D	MW-3D	MW-3D[3]	MW-3D	MW-3D[3]	MW-3D[3]	MW-3D	MW-3D2	MW-3D2	MW-3D2	MW-3D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	48 - 53 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/12/2017	10/05/2017	04/06/2018	04/06/2018	10/12/2018	04/09/2019	04/09/2019	10/14/2019	10/14/2019	7/17/2020	10/19/2020	10/19/2020	04/14/2021	10/19/2021	04/26/2022	04/26/2022	10/21/2022	10/21/2022	4/12/2023	4/12/2023	10/16/2023	12/31/2009	04/07/2010	07/01/2010	10/01/2010
VOCs																											
1,1,1,2-Tetrachloroethane	7	70	< 0.11	< 0.11	< 0.11	< 1.1	< 0.11	< 0.54	< 1.1	< 0.27	< 2.7	NA	< 2.7	< 0.27	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 0.46	< 0.46	< 0.46	< 6.3	< 13	< 13	< 0.25
1,1,1-Trichloroethane	40	200	< 0.10	< 0.1	< 0.10	< 1.0	< 0.10	< 0.49	< 0.98	< 0.24	< 2.4	NA	< 2.4	< 0.24	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.38	< 0.38	< 0.38	< 13	< 25	< 25	< 0.5
1,1,2-Trichloroethane	0.5	5	< 0.10	< 0.1	< 0.10	< 1.0	< 0.10	< 1.1	< 2.2	< 0.55	< 5.5	NA	< 5.5	< 0.55	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 0.35	< 0.35	< 0.35	< 6.3	< 13	< 13	< 0.25
1,1-Dichloroethene	0.7	7	< 0.14	< 0.14	< 0.14	< 1.4	< 0.14	< 0.49	< 0.98	< 0.24	< 2.4	NA	< 2.4	< 0.24	< 5.8	< 5.8	< 5.8	< 5.8	< 5.8	< 5.8	< 0.39	< 0.39	< 0.39	< 13	< 25	< 25	< 0.5
1,2,4-Trimethylbenzene	96	480	< 0.060	< 0.06	< 0.060	< 0.60	< 0.060	< 1.7	< 3.4	< 0.84	< 8.4	NA	< 8.4	< 0.84	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 0.36	< 0.73 U	< 0.36	< 5	< 10	< 10	< 0.2
1,2-Dibromoethane	0.005	0.05	< 0.13	< 0.13	< 0.13	< 1.3	< 0.13	< 1.7	< 3.3	< 0.83	< 8.3	NA	< 8.3	< 0.83	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 0.39	< 0.39	< 0.39	< 5	< 10	< 10	< 0.2
1,2-Dichlorobenzene	60	600	< 0.076	< 0.076	< 0.076	< 0.76	< 0.076	< 1.4	< 2.8	< 0.71	< 7.1	NA	< 7.1	< 0.71	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 0.33	< 0.33	< 0.33	< 5	< 10	< 10	< 0.2
1,2-Dichloroethane	0.5	5	< 0.078	< 0.078	< 0.078	< 0.78	< 0.078	< 0.56	< 1.1	< 0.28	< 2.8	NA	< 2.8	< 0.28	< 2.9	< 2.9	< 2.9	< 2.9	< 2.9	< 2.9	< 0.39	< 0.39	< 0.39	< 13	< 25	< 25	< 0.5
1,2-Dichloropropane	0.5	5	< 0.10	< 0.1	< 0.10	< 1.0	< 0.10	< 0.57	< 1.1	< 0.28	< 2.8	NA	< 2.8	< 0.28	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 0.43	< 0.43	< 0.43	< 13	< 25	< 25	< 0.5
1,2,3-Trichlorobenzene	NE	NE	< 0.045	< 0.045	< 0.045	< 0.45	< 0.045	< 1.3	< 2.5	< 0.63	< 6.3	NA	< 22.1	< 2.2	< 10.2	< 10.2	< 10.2	< 10.2	< 10.2	< 10.2	< 0.46 UJ	< 0.46	< 0.46	< 6.3	< 13	< 13	< 0.25
1,2,4-Trichlorobenzene	14	70	< 0.077	< 0.077	< 0.077	< 0.77	< 0.077	< 1.9	< 3.8	< 0.95	< 9.5	NA	< 9.5	< 0.95	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 0.34 UJ	< 0.34	< 0.34	< 6.3	< 13	< 13	< 0.25
1,3,5-Trimethylbenzene	96	480	< 0.075	< 0.075	< 0.075	< 0.75	< 0.075	< 1.7	< 3.5	< 0.87	< 8.7	NA	< 8.7	< 0.87	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 0.25	< 0.25	< 0.25	< 5	< 10	< 10	< 0.2
2-Butanone	800	4000	< 3.0	< 3	< 3.0	< 30	< 3.0	< 5.9	< 11.7	< 2.9	< 29.4	NA	< 29.4	< 2.9	< 65.2	< 65.2	< 65.2	< 65.2	< 65.2	< 65.2	< 2.1	< 2.1 UJ	< 2.1	NA	NA	NA	NA
2-Hexanone	NE	NE	< 0.95	< 0.95	< 0.95	< 9.5	< 0.95	< 4.9	< 9.8	< 2.5	< 24.6	NA	< 52.1	< 5.2	< 62.8	< 62.8	< 62.8	< 62.8	< 62.8	< 62.8	< 1.6	< 1.6 UJ	< 1.6	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 0.77	< 0.77	< 0.77	< 7.7	< 0.77	< 3.1	< 6.1	< 1.5	< 15.3	NA	< 46.4	< 4.6	< 59.5	< 59.5	< 59.5	< 59.5	< 59.5	< 59.5	< 2.2	< 2.2 UJ	< 2.2	NA	NA	NA	NA
Acetone	1800	9000	18 BJ	40	7.5 J+	42 J+	< 3.4	< 5.5	< 11.0	< 2.7	< 27.4	NA	< 27.4	< 2.7	< 86.4	< 86.4	< 86.4	< 86.4	< 86.4	< 86.4	< 3.1 U	2.9 J	< 1.9 U	NA	NA	NA	NA
Benzene	0.5	5	0.34 J	0.38 J	0.21 J	< 0.89	0.15 J	< 0.49	< 0.99	< 0.25	< 2.5	NA	< 2.5	< 0.25	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 0.15	< 0.15	< 0.15	< 5	< 10	< 10	< 0.2
Bromodichloromethane	0.06	0.6	< 0.077	< 0.077	< 0.077	< 0.77	< 0.077	< 0.73	< 1.5	< 0.36	< 3.6	NA	< 3.6	< 0.36	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 0.37	< 0.37	< 0.37	< 5	< 10	< 10	< 0.2
Bromoform	0.44	4.4	< 0.088	< 0.088	< 0.088	< 0.88	< 0.088	< 7.9	< 15.9	< 4.0	< 39.7	NA	< 39.7	< 4.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 0.48	< 0.48	< 0.48	< 5	< 10	< 10	< 0.2
Bromomethane	1	10	< 0.59	< 0.59	< 0.59	< 5.9	< 0.59	< 1.9	< 3.9	< 0.97	< 9.7	NA	< 9.7	< 0.97	< 11.9	< 11.9	< 11.9	< 11.9	< 11.9	< 11.9	< 0.80 UJ	< 0.80 UJ	< 0.80	< 13	< 25	< 25	< 0.5
Carbon disulfide	200	1000	0.14 J	< 0.053	< 0.053	< 0.53	< 0.053	< 0.75	< 1.5	< 0.37	< 3.7	NA	< 4.5	< 0.45	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 0.45	< 0.45	< 0.45	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.038	< 0.038	< 0.038	< 0.38	< 0.038	< 0.33	< 0.66	< 0.17	< 1.7	NA	< 10.8	< 1.1	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 0.38	< 0.38	< 0.38	< 20	< 40	< 40	< 0.8
Chloroethane	80	400	< 0.25	< 0.25	< 0.25	< 2.5	< 0.25	< 2.7	< 5.4	< 1.3	< 13.4	NA	< 13.4	< 1.3	< 13.8	< 13.8	< 13.8	< 13.8	< 13.8	< 13.8	< 0.51 UJ	< 0.51	< 0.51	< 25	< 50	< 50	< 1
Chloroform	0.6	6	< 0.062	0.43 J	0.39 J	***0.90 J***	< 0.31 U	< 2.5	< 5.1	< 1.3	< 12.7	NA	< 12.7	< 1.3	< 11.8	< 11.8	< 11.8	< 11.8	< 11.8	< 11.8	< 0.37	< 0.37	< 0.37	< 5	< 10	< 10	0.37
Chloromethane	3	30	0.18 J+	2.1	< 0.16	< 1.6	< 0.35 U	< 4.4	< 8.8	< 2.2	< 21.9	NA	< 21.9	< 2.2	< 16.4	< 16.4	< 16.4	< 16.4	< 16.4	< 16.4	< 0.32	< 1.1 U	0.59 J	< 7.5	< 15	< 15	< 0.3
cis-1,2-Dichloroethene	7	70	***10***	1.7	***44***	***43***	***39***	***52.9***	***43.4***	***68.3***	***63.3***	NA	***51***	***55***	***49.8***	***44.3 J***	***36.7***	***31.2***	***28***	***29.3***	***21***	***25***	***27 J***	***520***	***510***	***460***	***400***
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.15	< 1.5	< 0.15	< 3.8	< 7.6	< 1.9	< 18.9	NA	< 18.9	< 1.9	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 0.28	< 0.28	< 0.28	< 13	< 25	< 25	< 0.5
Dichlorodifluoromethane	200	1000	< 0.11	< 0.11	< 0.11	< 1.1	< 0.11	< 1.0	< 2.0	< 0.50	< 5.0	NA	< 5.0	< 0.50	< 4.6	< 4.6	< 4.6	< 4.6	< 4.6	< 4.6	< 0.67	< 0.67	< 0.67	< 13	< 25	< 25	< 0.5
Ethylbenzene	140	700	< 0.054	< 0.054	< 0.054	< 0.54	< 0.054	< 0.44	< 0.87	< 0.22	< 2.2	NA	< 3.2	< 0.32	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 0.18	< 0.18	< 0.18	< 13	< 25	< 25	< 0.5
Isopropylbenzene	NE	NE	< 0.081	0.11 J	0.12 J	< 0.81	< 0.081	< 0.79	< 1.6	< 0.39	< 3.9	NA	< 16.9	< 1.7	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 0.39	< 0.39	< 0.39	< 5	< 10	< 10	< 0.2
m,p-Xylene	400	2000	< 0.057	< 0.057	0.060 J	< 0.57	< 0.057	< 0.93	< 1.9	< 0.47	< 4.7	NA	< 4.7	< 0.47	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 0.18	< 0.18	< 0.18	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.14	< 0.14	< 0.14	< 1.4	< 0.14	< 2.5	< 5.0	< 1.2	< 12.5	NA	< 12.5	< 1.2	< 11.3	< 11.3 J	< 11.3	< 11.3	< 11.3	< 11.3	< 0.39	< 0.39	< 0.39	< 13	< 25	< 25	< 0.5
Methylene chloride	0.5	5	< 0.14	< 0.14	< 0.14	***1.5 J+***	< 0.25 U	< 1.2	< 2.3	< 0.58	< 5.8	NA	< 5.8	< 0.58	< 3.2	< 3.2	< 3.2	***4.4 J***	< 3.2	< 3.2	< 1.6	< 1.7 U	< 1.6	< 25	< 50	< 50	< 1
Naphthalene	10	100	< 0.088	< 0.088	< 0.088	< 0.88	< 0.088	< 2.4	< 4.7	< 1.2	< 11.8	NA	< 11.8	< 1.2	< 11.3	< 11.3	< 11.3	< 11.3	< 11.3	< 11.3	< 0.34 UJ	< 0.34	< 0.34	< 6.3	< 13	***240***	< 0.25
n-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 1.4	< 0.14	< 1.4	< 2.8	< 0.71	< 7.1	NA	< 7.1	< 0.71	< 8.6	< 8.6	< 8.6	< 8.6	< 8.6	< 8.6	< 0.39	< 0.39	< 0.39	< 5	< 10	< 10	< 0.2
n-Hexane	120	600	0.21 J	< 0.21	< 0.21	< 2.1	< 0.21	< 3.4	< 6.8	< 1.7	< 17.1	NA	< 17.1	< 1.7	< 14.6	< 14.6	< 14.6	< 14.6	< 14.6	< 14.6	< 0.49	< 0.49	< 0.49	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.10	< 0.1	< 0.10	< 1.0	< 0.10	< 1.6	< 3.2	< 0.81	< 8.1	NA	< 8.1	< 0.81	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 0.41	< 0.41	< 0.41	< 13	< 25	< 25	< 0.5
o-Xylene	400	2000	< 0.058	< 0.058	< 0.058	< 0.58	< 0.058	< 0.52	< 1.0	< 0.26	< 2.6	NA	< 2.6	< 0.26	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 0.22	< 0.22	< 0.22	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.085	< 0.085	< 0.085	< 0.85	< 0.085	< 1.6	< 3.2	< 0.80	< 8.0	NA	< 8.0	< 0.80	< 10.4	< 10.4	< 10.4	< 10.4	< 10.4	< 10.4	< 0.36	< 0.36	< 0.36	< 5	< 10	< 10	< 0.2
sec-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 1.3	< 0.13	< 1.7	< 3.4	< 0.85	< 8.5	NA	< 8.5	< 0.85	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 0.40	< 0.40	< 0.40	< 6.3	< 13	< 13	< 0.25
Styrene	10	100	< 0.065	< 0.065	< 0.065	< 0.65	< 0.065	< 0.93	< 1.9	< 0.47	< 4.7	NA	< 30.1	< 3.0	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 0.39	< 0.39	< 0.39	< 13	< 25	< 25	< 0.5
tert-Butylbenzene	NE	NE	< 0.12	< 0.12	< 0.12	< 1.2	< 0.12	< 0.61	< 1.2	< 0.30	< 3.0	NA	< 3.0	< 0.30	< 5.9	< 5.9	< 5.9	< 5.9	< 5.9	< 5.9	< 0.40	< 0.40	< 0.40	< 5	< 10	< 10	< 0.2
Tetrachloroethene	0.5	5	0.43 BJ	***13 B***	***310***	***330***	***260***	***333***	***263***	***645***	***627***	NA	***795***	***769***	***807***	***767***	***625***	***624***	***578***	***527***	***330***	***390***	***440***	***4900***	***4400***	***3900***	***3900***
Toluene	160	800	0.10 J	< 0.053	0.10 J	< 0.53	0.060 J	< 0.34	< 0.69	< 0.17	< 1.7	NA	< 2.7	< 0.27	< 2.9	< 2.9	< 2.9	< 2.9	< 2.9	< 2.9	< 0.15	< 0.15	< 0.15	< 13	< 25	< 25	< 0.5
trans-1,2-Dichloroethene	20	100	< 0.11	< 0.11	3.4 J	4.3 J+	0.90	< 2.2	< 4.4	1.3 J	< 10.9	NA	< 4.6	0.75 J	< 5.3	< 5.3	< 5.3	< 5.3	< 5.3	< 5.3	< 0.35	< 0.35	< 0.35	< 13	< 25	< 25	7.0
Trichloroethene	0.5	5	***4.4***	***2***	***43***	***40***	***32***	***41***	***34***	***68.7***	***61.7***	NA	***61.2***	***67.4***	***56.4***	***48.7***	***37.9***	***34***	***21.2***	***24.3***	***15***	***18***	***21 J***	***280***	***240***	***240***	***240***
Trichlorofluoromethane	698	3490	< 0.50	< 0.5	< 0.5	< 5	< 0.13	< 0.43	< 0.86	< 0.21	< 2.1	NA	< 2.1	< 0.21	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 0.43	< 0.43	< 0.43	< 43	< 100	< 100	< 2
Vinyl chloride	0.02	0.2	< 0.16	< 0.16	***0.56***	< 1.6	< 0.16	< 0.35	< 0.70	< 0.17	< 1.7	NA	< 1.7	< 0.17	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 0.20	< 0.20	< 0.20	< 5	< 10	< 10	***0.65***
Xylenes, Total	400	2000	< 0.12	< 0.12	< 0.12	< 1.2	< 0.12	< 3.0	< 6.0	< 1.5	< 15.0	NA	< 15.0	< 1.5	< 10.5	< 10.5	< 10.5	< 10.5	< 10.5	< 10.5	< 0.22	< 0.22	< 0.22	< 13	< 25	< 25	< 0.5
Total PCBs																											
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072 J-	< 0.0072	NA	< 0.0072	< 0.0072	< 0.0071	< 0.0072	< 0.24	< 0.24	< 0.0051	< 0.0047	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042 J-	< 0.0042	NA	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.24	< 0.24	< 0.0055	< 0.0052	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013 J-	< 0.013	NA	< 0.013	< 0.013	< 0.013	< 0.013	< 0.24	< 0.24	< 0.0038	< 0.0035	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011 J-	< 0.011	NA	< 0.011	< 0.011	< 0.011	< 0.011	< 0.24	< 0.24	< 0.0085	< 0.0079	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA
Dissolved PCBs																											
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																											
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	1090	2060	2020	736	698	760	656	NA	654	706	1010	1000	946	986	2630	2620	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	9.0	4.4	4.6	1.2 J	2.0	3.0	6.0	NA	3.6	2.0	5.0	5.4	3.2	< 0.49 J	3.5 J	3.3 J	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-3D2	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2	MW-3D2	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2[1]	MW-3D2[1]	MW-3D2[3]	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2[3]
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	03/30/2011	04/12/2012	04/12/2012	11/30/2012	11/30/2012	12/19/2012	12/28/2012	01/03/2013	01/16/2013	01/16/2013	01/31/2013	02/12/2013	02/12/2013	02/28/2013	03/13/2013	04/16/2013	04/16/2013	07/16/2013	07/16/2013	10/10/2013	10/10/2013	04/16/2014	04/16/2014
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 13	< 1.6	< 1.6	< 1.3	< 1.3	NA	NA	NA	< 0.5	< 0.5	NA	< 0.25	< 0.5	NA	< 0.25	< 0.25	< 0.5	< 0.25	< 0.5	< 0.25	< 0.25	< 1.3	< 1.3
1,1,1-Trichloroethane	40	200	< 25	< 1.3	< 1.3	< 1	< 1	NA	NA	NA	< 0.4	< 0.4	NA	< 0.2	< 0.4	NA	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.2	< 1.0	< 1.0
1,1,2-Trichloroethane	0.5	5	< 13	< 1.5	< 1.5	< 1.4	< 1.4	NA	NA	NA	< 0.56	< 0.56	NA	< 0.28	< 0.56	NA	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.28	< 0.28	< 1.4	< 1.4
1,1-Dichloroethene	0.7	7	< 25	< 1.5	< 1.5	< 1.6	< 1.6	NA	NA	NA	< 0.62	< 0.62	NA	< 0.31	< 0.62	NA	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.31	< 0.31	< 1.6	< 1.6
1,2,4-Trimethylbenzene	96	480	< 10	< 1.1	< 1.1	< 0.7	< 0.7	NA	NA	NA	< 0.28	< 0.28	NA	< 0.14	< 0.28	NA	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.14	< 0.14	< 0.70	< 0.70
1,2-Dibromoethane	0.005	0.05	< 10	< 2.3	< 2.3	< 1.8	< 1.8	NA	NA	NA	< 0.72	< 0.72	NA	< 0.36	< 0.72	NA	< 0.36	< 0.36	< 0.72	< 0.36	< 0.72	< 0.36	< 0.36	< 1.8	< 1.8
1,2-Dichlorobenzene	60	600	< 10	< 1.1	< 1.1	< 1.4	< 1.4	NA	NA	NA	< 0.54	< 0.54	NA	< 0.27	< 0.54	NA	< 0.27	< 0.27	< 0.54	< 0.27	< 0.54	< 0.27	< 0.27	< 1.4	< 1.4
1,2-Dichloroethane	0.5	5	< 25	< 1.4	< 1.4	< 1.4	< 1.4	NA	NA	NA	< 0.56	< 0.56	NA	< 0.28	< 0.56	NA	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.28	< 0.28	< 1.4	< 1.4
1,2-Dichloropropane	0.5	5	< 25	< 1.8	< 1.8	< 1	< 1	NA	NA	NA	< 0.4	< 0.4	NA	< 0.2	< 0.4	NA	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.2	< 1.0	< 1.0
1,2,3-Trichlorobenzene	NE	NE	< 13	< 1.8	< 1.8	< 1.2	< 1.2	NA	NA	NA	< 0.48	< 0.48	NA	< 0.24	< 0.48	NA	< 0.24	< 0.24	< 0.48	< 0.24	< 0.48	< 0.24	< 0.24	< 1.2	< 1.2
1,2,4-Trichlorobenzene	14	70	< 13	< 1.1	< 1.1	< 1.6	< 1.6	NA	NA	NA	< 0.62	< 0.62	NA	< 0.31	< 0.62	NA	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.31	< 0.31	< 1.6	< 1.6
1,3,5-Trimethylbenzene	96	480	< 10	< 1.2	< 1.2	< 0.9	< 0.9	NA	NA	NA	< 0.36	< 0.36	NA	< 0.18	< 0.36	NA	< 0.18	< 0.18	< 0.36	< 0.18	< 0.36	< 0.18	< 0.18	< 0.90	< 0.90
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 10	< 0.6	< 0.6	< 0.37	< 0.37	NA	NA	NA	< 0.15	< 0.15	NA	< 0.074	< 0.15	NA	< 0.074	< 0.074	< 0.15	< 0.074	< 0.15	< 0.074	< 0.074	< 0.37	< 0.37
Bromodichloromethane	0.06	0.6	< 10	< 1.2	< 1.2	< 0.85	< 0.85	NA	NA	NA	< 0.34	< 0.34	NA	< 0.17	< 0.34	NA	< 0.17	< 0.17	< 0.34	< 0.17	< 0.34	< 0.17	< 0.17	< 0.85	< 0.85
Bromoform	0.44	4.4	< 10	< 2.3	< 2.3	< 1.4	< 1.4	NA	NA	NA	< 0.56	< 0.56	NA	< 0.28	< 0.56	NA	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.28	< 0.28	< 1.4	< 1.4
Bromomethane	1	10	< 25	< 2.5	< 2.5	< 1.6	< 1.6	NA	NA	NA	< 0.62	< 0.62	NA	< 0.31	< 0.62	NA	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.31	< 0.31	< 1.6	< 1.6
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 40	< 1.4	< 1.4	< 1.3	< 1.3	NA	NA	NA	< 0.52	< 0.52	NA	< 0.26	< 0.52	NA	< 0.26	< 0.26	< 0.52	< 0.26	< 0.52	< 0.26	< 0.26	< 1.3	< 1.3
Chloroethane	80	400	< 50	< 1.7	< 1.7	< 1.7	< 1.7	NA	NA	NA	< 0.68	< 0.68	NA	< 0.34	< 0.68	NA	< 0.34	< 0.34	< 0.68	< 0.34	< 0.68	< 0.34	< 0.34	< 1.7	< 1.7
Chloroform	0.6	6	< 10	< 1.3	< 1.3	< 1	< 1	NA	NA	NA	< 0.4	< 0.4	NA	< 0.2	< 0.4	NA	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.2	< 1.0	< 1.0
Chloromethane	3	30	< 15	< 1.2	< 1.2	< 0.9	< 0.9	NA	NA	NA	< 0.36	< 0.36	NA	< 0.18	< 0.36	NA	< 0.18	< 0.18	< 0.36	< 0.18	< 0.36	< 0.18	< 0.18	< 0.90	< 0.90
cis-1,2-Dichloroethene	7	70	***440***	***440***	***440***	***420***	***400***	NA	NA	NA	***320***	***300***	NA	***250***	***260***	NA	***100***	***45***	< 0.24	***10***	***11***	***21***	***20***	***210***	***220***
Di-isopropyl ether	NE	NE	< 25	< 1.4	< 1.4	< 0.75	< 0.75	NA	NA	NA	< 0.3	< 0.3	NA	< 0.15	< 0.3	NA	< 0.15	< 0.15	< 0.3	< 0.15	< 0.3	< 0.15	< 0.15	< 0.75	< 0.75
Dichlorodifluoromethane	200	1000	< 25	< 1.3	< 1.3	< 1	< 1	NA	NA	NA	< 0.4	< 0.4	NA	< 0.2	< 0.4	NA	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.2	< 0.2	< 1.0	< 1.0
Ethylbenzene	140	700	< 25	< 0.7	< 0.7	< 0.65	< 0.65	NA	NA	NA	< 0.26	< 0.26	NA	< 0.13	< 0.26	NA	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.13	< 0.13	< 0.65	< 0.65
Isopropylbenzene	NE	NE	< 10	< 1.1	< 1.1	< 0.7	< 0.7	NA	NA	NA	< 0.28	< 0.28	NA	< 0.14	< 0.28	NA	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.14	< 0.14	< 0.70	< 0.70
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 25	< 1.4	< 1.4	< 1.2	< 1.2	NA	NA	NA	< 0.48	< 0.48	NA	< 0.24	< 0.48	NA	< 0.24	< 0.24	< 0.48	< 0.24	< 0.48	< 0.24	< 0.24	< 1.2	< 1.2
Methylene chloride	0.5	5	< 50	< 3.2	< 3.2	< 3.4	< 3.4	NA	NA	NA	< 1.4	< 1.4	NA	***7.3***	< 1.4	NA	< 0.68	< 0.68	< 1.4	< 0.68	< 1.4	< 0.68	< 0.68	< 3.4	< 3.4
Naphthalene	10	100	***13***	< 1.2	< 1.2	< 0.8	< 0.8	NA	NA	NA	< 0.32	< 0.32	NA	< 0.16	< 0.32	NA	< 0.16	< 0.16	< 0.32	< 0.16	< 0.32	< 0.16	< 0.16	< 0.80	< 0.80
n-Butylbenzene	NE	NE	< 10	< 1.1	< 1.1	< 0.65	< 0.65	NA	NA	NA	< 0.26	< 0.26	NA	< 0.13	< 0.26	NA	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.13	< 0.13	< 0.65	< 0.65
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 25	< 0.95	< 0.95	< 0.65	< 0.65	NA	NA	NA	< 0.26	< 0.26	NA	< 0.13	< 0.26	NA	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.13	< 0.13	< 0.65	< 0.65
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 10	< 1.2	< 1.2	< 0.85	< 0.85	NA	NA	NA	< 0.34	< 0.34	NA	< 0.17	< 0.34	NA	< 0.17	< 0.17	< 0.34	< 0.17	< 0.34	< 0.17	< 0.17	< 0.85	< 0.85
sec-Butylbenzene	NE	NE	< 13	< 0.95	< 0.95	< 0.75	< 0.75	NA	NA	NA	< 0.3	< 0.3	NA	< 0.15	< 0.3	NA	< 0.15	< 0.15	< 0.3	< 0.15	< 0.3	< 0.15	< 0.15	< 0.75	< 0.75
Styrene	10	100	< 25	< 1.3	< 1.3	< 0.5	< 0.5	NA	NA	NA	< 0.2	< 0.2	NA	< 0.1	< 0.2	NA	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.1	< 0.50	< 0.50
tert-Butylbenzene	NE	NE	< 10	< 1.2	< 1.2	< 0.7	< 0.7	NA	NA	NA	< 0.28	< 0.28	NA	< 0.14	< 0.28	NA	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.14	< 0.14	< 0.70	< 0.70
Tetrachloroethene	0.5	5	***3800***	***2600***	***2600***	***2800***	***2800***	NA	NA	NA	***1200***	***1100***	NA	***1700***	***1700***	NA	***800***	***850***	***710***	***440***	***840***	***150***	***150***	***1800***	***1700***
Toluene	160	800	< 25	< 0.75	< 0.75	< 0.55	< 0.55	NA	NA	NA	< 0.22	< 0.22	NA	< 0.11	< 0.22	NA	< 0.11	< 0.11	< 0.22	< 0.11	< 0.22	< 0.11	< 0.11	< 0.55	< 0.55
trans-1,2-Dichloroethene	20	100	< 25	6.4	5.8	5.6	5.6	NA	NA	NA	4.9	4.5	NA	3.2	3.5	NA	0.62 J	< 0.25	< 0.5	< 0.25	< 0.5	0.52 J	< 0.25	3.1 J	3.9 J
Trichloroethene	0.5	5	***230***	***190***	***190***	***190***	***180***	NA	NA	NA	***110***	***120***	NA	***120***	***120***	NA	***50***	***24***	< 0.38	***8.7***	***12***	***9.8***	***9.9***	***120***	***130***
Trichlorofluoromethane	698	3490	< 100	< 1.1	< 1.1	< 0.95	< 0.95	NA	NA	NA	< 0.38	< 0.38	NA	< 0.19	< 0.38	NA	< 0.19	< 0.19	< 0.38	< 0.19	< 0.38	< 0.19	< 0.19	< 5.0	< 5.0
Vinyl chloride	0.02	0.2	< 10	< 0.65	< 0.65	< 0.5	< 0.5	NA	NA	NA	< 0.2	< 0.2	NA	***0.22 J***	< 0.2	NA	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	< 0.1	< 0.50	< 0.50
Xylenes, Total	400	2000	< 25	< 1.5	< 1.5	< 0.34	< 0.34	NA	NA	NA	< 0.14	< 0.14	NA	< 0.068	< 0.14	NA	< 0.068	< 0.068	< 0.14	< 0.068	< 0.14	< 0.068	< 0.068	< 0.34	< 0.34
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	< 0.093	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	730	730	1300	1800	1500	1000	NA	870	720	NA	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2	MW-3D2	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/23/2014	10/23/2014	04/14/2015	04/14/2015	10/22/2015	10/22/2015	01/25/2016	01/25/2016	04/22/2016	07/20/2016	07/20/2016	10/13/2016	10/13/2016	1/19/2017	04/12/2017	10/05/2017	04/06/2018	10/12/2018	10/12/2018	04/09/2019	10/14/2019
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 0.50	< 0.50	< 1.3	< 1.3	< 4.6	< 4.6	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 5.5	< 0.54	< 0.27
1,1,1-Trichloroethane	40	200	< 0.40	< 0.40	< 1.0	< 1.0	< 3.8	< 3.8	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 5.0	< 0.49	< 0.24
1,1,2-Trichloroethane	0.5	5	< 0.56	< 0.56	< 1.4	< 1.4	< 3.5	< 3.5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 5.0	< 1.1	< 0.55
1,1-Dichloroethene	0.7	7	< 0.62	< 0.62	< 1.6	< 1.6	< 3.9	< 3.9	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	0.26 J	< 0.14	< 7.0	< 0.49	< 0.24
1,2,4-Trimethylbenzene	96	480	< 0.28	< 0.28	< 0.70	< 0.70	< 3.6	< 3.6	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.06	< 0.060	< 0.060	< 3.0	< 1.7	< 0.84
1,2-Dibromoethane	0.005	0.05	< 0.72	< 0.72	< 1.8	< 1.8	< 3.9	< 3.9	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 6.5	< 1.7	< 0.83
1,2-Dichlorobenzene	60	600	< 0.54	< 0.54	< 1.4	< 1.4	< 3.3	< 3.3	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 3.8	< 1.4	< 0.71
1,2-Dichloroethane	0.5	5	< 0.56	< 0.56	< 1.4	< 1.4	< 3.9	< 3.9	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 3.9	< 0.56	< 0.28
1,2-Dichloropropane	0.5	5	< 0.40	< 0.40	< 1.0	< 1.0	< 4.3	< 4.3	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 5.0	< 0.57	< 0.28
1,2,3-Trichlorobenzene	NE	NE	< 0.48	< 0.48	< 1.2	< 1.2	< 4.6	< 4.6	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 2.3	< 1.3	< 0.63
1,2,4-Trichlorobenzene	14	70	< 0.62	< 0.62	< 1.6	< 1.6	< 3.4	< 3.4	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 3.9	< 1.9	< 0.95
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.36	< 0.90	< 0.90	< 2.5	< 2.5	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 3.8	< 1.7	< 0.87
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3	< 3.0	< 3.0	< 150	< 5.9	< 2.9
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 48	< 4.9	< 2.5
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	2.0 J	< 0.77	< 0.77	< 0.77	< 0.77	< 39	< 3.1	< 1.5
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	14 BJ	25	< 3.4	< 3.4	< 170	< 5.5	< 2.7
Benzene	0.5	5	< 0.15	< 0.15	< 0.37	< 0.37	< 1.5	< 1.5	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 4.5	< 0.49	< 0.25
Bromodichloromethane	0.06	0.6	< 0.34	< 0.34	< 0.85	< 0.85	< 3.7	< 3.7	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 3.9	< 0.73	< 0.36
Bromoform	0.44	4.4	< 0.56	< 0.56	< 1.4	< 1.4	< 4.8	< 4.8	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 4.4	< 7.9	< 4.0
Bromomethane	1	10	< 0.62	< 0.62	< 1.6	< 1.6	< 8.0	< 8.0	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 30	< 1.9	< 0.97
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	< 0.053	< 0.053	0.14 J	0.35 J	< 0.053	0.22 J	< 0.053	< 0.053	< 0.053	< 0.053	< 2.7	< 0.75	< 0.37
Carbon tetrachloride	0.5	5	< 0.52	< 0.52	< 1.3	< 1.3	< 3.8	< 3.8	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 1.9	< 0.33	< 0.17
Chloroethane	80	400	< 0.68	< 0.68	< 1.7	< 1.7	< 4.7	< 4.7	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 13	< 2.7	< 1.3
Chloroform	0.6	6	< 0.40	< 0.40	< 1.0	< 1.0	< 3.7	< 3.7	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	0.19 J	< 0.18 U	< 3.1	< 2.5	< 1.3
Chloromethane	3	30	< 0.36	< 0.36	< 0.90	< 0.90	< 3.2	< 3.2	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	0.75 BJ	0.63 J	0.52 BJ	< 0.16	***5.1***	< 0.16	< 0.41 U	< 17 U	< 4.4	< 2.2
cis-1,2-Dichloroethene	7	70	***230***	***240***	***270***	***230***	***230***	***220***	2.5	2.5	0.84	3.0	3.6	***15***	***17***	***30***	2.1	***34***	***33***	***30***	***27***	***22.6***	***20.4***
Di-isopropyl ether	NE	NE	< 0.30	< 0.30	< 0.75	< 0.75	< 2.8	< 2.8	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 7.5	< 3.8	< 1.9
Dichlorodifluoromethane	200	1000	< 0.40	< 0.40	< 1.0	< 1.0	< 5.4	< 5.4	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	1.0	1.0	< 5.5	1.0 J	2.9 J
Ethylbenzene	140	700	< 0.26	< 0.26	< 0.65	< 0.65	< 1.8	< 1.8	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 2.7	< 0.44	< 0.22
Isopropylbenzene	NE	NE	< 0.28	< 0.28	< 0.70	< 0.70	< 3.9	< 3.9	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 4.1	< 0.79	< 0.39
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	0.080 J	< 0.057	< 2.9	< 0.93	< 0.47
Methyl tert-butyl ether	12	60	< 0.48	< 0.48	< 1.2	< 1.2	< 3.9	< 3.9	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 7.0	< 2.5	< 1.2
Methylene chloride	0.5	5	< 1.4	< 1.4	< 3.4	< 3.4	< 16	< 16	0.31 J	0.19 J	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	***0.68 BJ***	< 0.14	< 0.14	< 0.14	< 0.21 U	< 7.0	< 1.2	< 0.58
Naphthalene	10	100	< 0.32	< 0.32	< 0.80	< 0.80	< 3.4	< 3.4	< 0.088	< 0.088	< 0.088	0.11 BJ	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	0.09 BJ	< 0.088	< 0.088	< 4.4	< 2.4	< 1.2
n-Butylbenzene	NE	NE	< 0.26	< 0.26	< 0.65	< 0.65	< 3.9	< 3.9	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 7.0	< 1.4	< 0.71
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 11	< 3.4	< 1.7
n-Propylbenzene	NE	NE	< 0.26	< 0.26	< 0.65	< 0.65	< 4.1	< 4.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 5.0	< 1.6	< 0.81
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 2.9	< 0.52	< 0.26
p-Isopropyltoluene	NE	NE	< 0.34	< 0.34	< 0.85	< 0.85	< 3.6	< 3.6	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 4.3	< 1.6	< 0.80
sec-Butylbenzene	NE	NE	< 0.30	< 0.30	< 0.75	< 0.75	< 4.0	< 4.0	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 6.5	< 1.7	< 0.85
Styrene	10	100	< 0.20	< 0.20	< 0.50	< 0.50	< 3.9	< 3.9	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 3.3	< 0.93	< 0.47
tert-Butylbenzene	NE	NE	< 0.28	< 0.28	< 0.70	< 0.70	< 4.0	< 4.0	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 6.0	< 0.61	< 0.30
Tetrachloroethene	0.5	5	***1700***	***1700***	***1800***	***1800***	***2200***	***2200***	***12***	***13***	***7.4***	***18***	***19***	***20***	***18***	***14***	***2.3 B***	***0.92 B***	***610***	***490***	***480***	***300***	***280***
Toluene	160	800	< 0.22	< 0.22	< 0.55	< 0.55	< 1.5	< 1.5	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	0.11 BJ	< 0.053	< 0.053	0.080 J	< 0.053	< 2.7	< 0.34	< 0.17
trans-1,2-Dichloroethene	20	100	3.0	3.3	4.6 J	< 1.3	< 3.5	< 3.5	< 0.11	0.11 J	< 0.11	0.13 J	0.13 J	0.22 J	0.17 J	0.22 J	< 0.11	0.28 J	0.68	0.48 J	< 5.5	< 2.2	< 1.1
Trichloroethene	0.5	5	***140***	***140***	***160***	***140***	***130***	***130***	***2.4***	***2.5***	***0.84***	***2.4***	***2.7***	***6.7***	***7.2***	***19***	***4.4***	***0.8***	***86***	***39***	***38***	***19.8***	***15.6***
Trichlorofluoromethane	698	3490	< 2.0	< 2.0	< 5.0	< 5.0	< 10	< 10	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.13	< 6.5	< 0.43	< 0.21
Vinyl chloride	0.02	0.2	< 0.20	< 0.20	< 0.50	< 0.50	< 2.0	< 2.0	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	***0.17 J***	< 0.16	< 0.16	< 0.16	***0.30 J***	< 0.16	< 8.0	< 0.35	< 0.17
Xylenes, Total	400	2000	< 0.14	< 0.14	< 0.34	< 0.34	< 2.2	< 2.2	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 5.8	< 3.0	< 1.5
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-3D2	MW-3D2	MW-3D2	MW-3D2[3]	MW-3D2	MW-3D2	MW-3D2	MW-3D2	MW-3D3	MW-3D3[3]	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	76 - 81 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/16/2020	04/14/2021	10/19/2021	10/19/2021	04/26/2022	10/21/2022	4/12/2023	10/16/2023	07/24/2012	07/24/2012	11/27/2012	12/19/2012	12/31/2012	01/03/2013	01/18/2013	01/31/2013	02/15/2013	02/27/2013	03/13/2013	04/19/2013	07/16/2013	10/07/2013	04/16/2014
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.27	< 0.36	< 1.8	< 3.6	< 1.8	< 0.89	< 0.46	< 0.46	< 0.25	< 0.25	< 0.25	NA	NA	NA	< 0.25	NA	< 0.25	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 0.24	< 0.30	< 1.5	< 3.0	< 1.5	< 0.76	< 0.38	< 0.38	< 0.2	< 0.2	< 0.2	NA	NA	NA	< 0.2	NA	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
1,1,2-Trichloroethane	0.5	5	< 0.55	< 0.34	< 1.7	< 3.4	< 1.7	< 0.86	< 0.35	< 0.35	< 0.28	< 0.28	< 0.28	NA	NA	NA	< 0.28	NA	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 0.24	< 0.58	< 2.9	< 5.8	< 2.9	< 1.5	0.43 J	< 0.39	< 0.31	< 0.31	< 0.31	NA	NA	NA	< 0.31	NA	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.84	< 0.45	< 2.2	< 4.5	< 2.2	< 1.1	< 0.36	< 0.36	< 0.14	< 0.14	< 0.14	NA	NA	NA	< 0.14	NA	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.83	< 0.31	< 1.5	< 3.1	< 1.5	< 0.77	< 0.39	< 0.39	< 0.36	< 0.36	< 0.36	NA	NA	NA	< 0.36	NA	< 0.36	NA	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 0.71	< 0.33	< 1.6	< 3.3	< 1.6	< 0.81	< 0.33	< 0.33	< 0.27	< 0.27	< 0.27	NA	NA	NA	< 0.27	NA	< 0.27	NA	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 0.28	< 0.29	< 1.5	< 2.9	< 1.5	< 0.73	< 0.39	< 0.39	< 0.28	< 0.28	< 0.28	NA	NA	NA	< 0.28	NA	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.28	< 0.45	< 2.2	< 4.5	< 2.2	< 1.1	< 0.43	< 0.43	< 0.2	< 0.2	< 0.2	NA	NA	NA	< 0.2	NA	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 2.2	< 1.0	< 5.1	< 10.2	< 5.1	< 2.5	< 0.46 UJ	< 0.46	< 0.24	< 0.24	< 0.24	NA	NA	NA	< 0.24	NA	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.95	< 0.95	< 4.8	< 9.5	< 4.8	< 2.4	< 0.34 UJ	< 0.34	< 0.31	< 0.31	< 0.31	NA	NA	NA	< 0.31	NA	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.87	< 0.36	< 1.8	< 3.6	< 1.8	< 0.89	< 0.25	< 0.25	< 0.18	< 0.18	< 0.18	NA	NA	NA	< 0.18	NA	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	< 2.9	< 6.5	< 32.6	< 65.2	< 32.6	< 16.3	< 2.1	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 5.2	< 6.3	< 31.4	< 62.8	< 31.4	< 15.7	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 4.6	< 6.0	< 29.8	< 59.5	< 29.8	< 14.9	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 2.7	< 8.6	< 43.2	< 86.4	< 43.2	< 21.6	< 2.8 U	< 2.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.25	< 0.30	< 1.5	< 3.0	< 1.5	< 0.74	< 0.15	< 0.15	< 0.074	< 0.074	< 0.074	NA	NA	NA	0.30 J	NA	< 0.074	NA	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 0.36	< 0.42	< 2.1	< 4.2	< 2.1	< 1.0	< 0.37	< 0.37	< 0.17	< 0.17	< 0.17	NA	NA	NA	< 0.17	NA	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Bromoform	0.44	4.4	< 4.0	< 3.8	< 19.0	< 38.0	< 19.0	< 9.5	< 0.48	< 0.48	< 0.28	< 0.28	< 0.28	NA	NA	NA	< 0.28	NA	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 0.97	< 1.2	< 6.0	< 11.9	< 6.0	< 3.0	< 0.80 UJ	< 0.80	< 0.31	< 0.31	< 0.31	NA	NA	NA	< 0.31	NA	< 0.31 *	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
Carbon disulfide	200	1000	< 0.45	< 1.1	< 5.5	< 11.0	< 5.5	< 2.8	< 0.45	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 1.1	< 0.37	< 1.8	< 3.7	< 1.8	< 0.92	< 0.38	< 0.38	< 0.26	< 0.26	< 0.26	NA	NA	NA	< 0.26	NA	< 0.26	NA	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Chloroethane	80	400	< 1.3	< 1.4	< 6.9	< 13.8	< 6.9	< 3.4	< 0.51 UJ	< 0.51	< 0.34	< 0.34	< 0.34	NA	NA	NA	< 0.34	NA	< 0.34	NA	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 1.3	< 1.2	< 5.9	< 11.8	< 5.9	< 3.0	< 0.37	< 0.37	< 0.2	< 0.2	< 0.2	NA	NA	NA	< 0.2	NA	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
Chloromethane	3	30	< 2.2	< 1.6	< 8.2	< 16.4	< 8.2	< 4.1	< 0.32	< 0.32	< 0.18	< 0.18	< 0.18	NA	NA	NA	< 0.18	NA	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	***16.3***	***19.5***	***19.9 J***	***23.9 J***	***18.8***	1.2 J	1.0	0.45 J	2.2	2.2	6.8	NA	NA	NA	***15***	NA	***7.7***	NA	6.2	4.0	1.2	< 0.12	< 0.12
Di-isopropyl ether	NE	NE	< 1.9	< 1.1	< 5.5	< 11.0	< 5.5	< 2.8	< 0.28	< 0.28	< 0.15	< 0.15	< 0.15	NA	NA	NA	< 0.15	NA	< 0.15	NA	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	1.8 J	2.3 J	< 2.3	< 4.6	< 2.3	< 1.1	< 0.67	< 0.67	< 0.2	< 0.2	< 0.2	NA	NA	NA	< 0.2	NA	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
Ethylbenzene	140	700	< 0.32	< 0.33	< 1.6	< 3.3	< 1.6	< 0.81	< 0.18	< 0.18	< 0.13	< 0.13	< 0.13	NA	NA	NA	< 0.13	NA	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 1.7	< 1.0	< 5.0	< 10.0	< 5.0	< 2.5	< 0.39	< 0.39	< 0.14	< 0.14	< 0.14	NA	NA	NA	< 0.14	NA	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
m,p-Xylene	400	2000	< 0.47	< 0.70	< 3.5	< 7.0	< 3.5	< 1.8	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 1.2	< 1.1	< 5.6 J	< 11.3 J	< 5.6	< 2.8	< 0.39	< 0.39	< 0.24	< 0.24	< 0.24	NA	NA	NA	< 0.24	NA	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
Methylene chloride	0.5	5	< 0.58	< 0.32	< 1.6	< 3.2	< 1.6	< 0.80	< 1.6	< 1.6	< 0.68	< 0.68	< 0.68	NA	NA	NA	< 0.68	NA	< 0.68	NA	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Naphthalene	10	100	< 1.2	< 1.1	< 5.6	< 11.3	< 5.6	< 2.8	< 0.34 UJ	< 0.34	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.16	NA	< 0.16	NA	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 0.71	< 0.86	< 4.3	< 8.6	< 4.3	< 2.1	< 0.39	< 0.39	< 0.13	< 0.13	< 0.13	NA	NA	NA	< 0.13	NA	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
n-Hexane	120	600	< 1.7	< 1.5	< 7.3	< 14.6	< 7.3	< 3.7	< 0.49	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.81	< 0.35	< 1.7	< 3.5	< 1.7	< 0.86	< 0.41	< 0.41	< 0.13	< 0.13	< 0.13	NA	NA	NA	< 0.13	NA	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000	< 0.26	< 0.35	< 1.7	< 3.5	< 1.7	< 0.87	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.80	< 1.0	< 5.2	< 10.4	< 5.2	< 2.6	< 0.36	< 0.36	< 0.17	< 0.17	< 0.17	NA	NA	NA	< 0.17	NA	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 0.85	< 0.42	< 2.1	< 4.2	< 2.1	< 1.1	< 0.40	< 0.40	< 0.15	< 0.15	< 0.15	NA	NA	NA	< 0.15	NA	< 0.15	NA	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Styrene	10	100	< 3.0	< 0.36	< 1.8	< 3.6	< 1.8	< 0.89	< 0.39	< 0.39	< 0.1	< 0.1	< 0.1	NA	NA	NA	< 0.1	NA	< 0.1	NA	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10
tert-Butylbenzene	NE	NE	< 0.30	< 0.59	< 2.9	< 5.9	< 2.9	< 1.5	< 0.40	< 0.40	< 0.14	< 0.14	< 0.14	NA	NA	NA	< 0.14	NA	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	***278***	***394***	***424***	***449***	***299***	***271***	***130***	***120***	***6.6***	***6.6***	***1.7***	NA	NA	NA	***1.3***	NA	***0.72 J***	NA	***0.95 J***	***0.63 J***	< 0.17	< 0.17	< 0.17
Toluene	160	800	< 0.27	< 0.29	< 1.4	< 2.9	< 1.4	< 0.72	< 0.15	< 0.15	< 0.11	< 0.11	< 0.11	NA	NA	NA	0.21 J	NA	< 0.11	NA	< 0.11	0.53	2.8	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.46	< 0.53	< 2.6	< 5.3	< 2.6	< 1.3	< 0.35	< 0.35	< 0.25	< 0.25	< 0.25	NA	NA	NA	< 0.25	NA	< 0.25	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Trichloroethene	0.5	5	***11.4***	***16.4***	***17.5***	***18.6***	***14***	***3.9***	***2.5***	***1.6 J***	***1.1***	***1.2***	***1.1***	NA	NA	NA	0.40 J	NA	< 0.19	NA	< 0.19	< 0.19	0.31 J	***0.5***	< 0.19
Trichlorofluoromethane	698	3490	< 0.21	< 0.42	< 2.1	< 4.2	< 2.1	< 1.0	< 0.43	< 0.43	< 0.19	< 0.19	< 0.19	NA	NA	NA	< 0.19	NA	< 0.19	NA	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0
Vinyl chloride	0.02	0.2	< 0.17	< 0.17	< 0.87	< 1.7	< 0.87	< 0.44	< 0.20	< 0.20	< 0.1	< 0.1	< 0.1	NA	NA	NA	< 0.1	NA	< 0.1	NA	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10
Xylenes, Total	400	2000	< 1.5	< 1.0	< 5.2	< 10.5	< 5.2	< 2.6	< 0.22	< 0.22	< 0.068	< 0.068	< 0.068	NA	NA	NA	< 0.068	NA	< 0.068	NA	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.096	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	410	350	360	320	300	340	380	670	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-3D3	MW-4S	MW-4S[3]	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	214 - 224 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/16/2014	04/13/2015	10/19/2015	10/13/2016	10/05/2017	10/12/2018	10/14/2019	10/16/2020	10/19/2021	10/21/2022	10/16/2023	04/08/2010	04/08/2010	03/30/2011	04/10/2012	01/15/2013	04/18/2013	07/18/2013	10/08/2013	04/17/2014	10/17/2014	10/05/2017
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	< 0.46	< 0.25	< 0.25	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA
1,1,1-Trichloroethane	40	200	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	< 0.38	< 0.5	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.35	< 0.10	< 0.1	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	< 0.35	< 0.25	< 0.25	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 0.39	< 0.5	< 0.5	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.36	< 0.060	< 0.06	< 0.060 J-	< 0.84	< 0.84	< 0.45	< 0.45	< 0.36	< 0.2	< 0.2	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	< 0.39	< 0.2	< 0.2	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	NA
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.2	< 0.2	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	NA
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.29	< 0.29	< 0.39	< 0.5	< 0.5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA
1,2-Dichloropropane	0.5	5	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	< 0.43	< 0.5	< 0.5	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	< 0.46	< 0.25	< 0.25	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	NA
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34	< 0.25	< 0.25	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075 J-	< 0.87	< 0.87	< 0.36	< 0.36	< 0.25	< 0.2	< 0.2	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA
2-Butanone	800	4000	NA	NA	NA	< 3.0	< 3	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 2.5	< 5.2	< 6.3	< 6.3	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	< 3.4	< 3.4	< 3.4	< 2.7	< 2.7	< 8.6	< 8.6	< 2.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	< 0.15	< 0.2	< 0.2	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	NA
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	< 0.37	< 0.2	< 0.2	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	< 0.48	< 0.2	< 0.2	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA
Bromomethane	1	10	< 0.31	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 0.80	< 0.5	< 0.5	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *	NA
Carbon disulfide	200	1000	NA	NA	NA	< 0.053	< 0.053	< 0.053	< 0.37	< 0.45	< 1.1	< 1.1	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	< 0.38	< 0.8	< 0.8	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	NA
Chloroethane	80	400	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	< 0.51	< 1	< 1	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	NA
Chloroform	0.6	6	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.2	< 1.2	< 0.37	< 0.2	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA
Chloromethane	3	30	< 0.18	< 0.18	< 0.32	0.79 BJ	0.58 J	< 0.35 U	< 2.2	< 2.2	< 1.6	< 1.6	< 0.32	< 0.3	< 0.3	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA
cis-1,2-Dichloroethene	7	70	< 0.12	< 0.12	< 0.41	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.47 J	< 0.47	< 0.41	< 0.5	< 0.5	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	NA
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.1	< 1.1	< 0.28	< 0.5	< 0.5	< 0.5	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA
Dichlorodifluoromethane	200	1000	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	< 0.67	< 0.5	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.18	< 0.5	< 0.5	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 0.39	< 0.2	< 0.2	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA
m,p-Xylene	400	2000	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.47	< 0.47	< 0.70	NA	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.1 J	< 1.1	< 0.39	< 0.5	< 0.5	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24 *	NA
Methylene chloride	0.5	5	< 0.68	< 0.68	< 1.6	< 0.14	< 0.14	< 0.24 U	< 0.58	< 0.58	< 0.32	< 0.32	< 1.6	< 1	< 1	< 1	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	NA
Naphthalene	10	100	< 0.16	< 0.16	< 0.34	< 0.088	0.1 BJ	< 0.088	< 1.2	< 1.2	< 1.1	< 1.1	< 0.34	1.4	1.4	< 0.25	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.86	< 0.86	< 0.39	< 0.2	< 0.2	< 0.2	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA
n-Hexane	120	600	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.41	< 0.10	< 0.1	< 0.10	< 0.81	< 0.81	< 0.35	< 0.35	< 0.41	< 0.5	< 0.5	< 0.5	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA
o-Xylene	400	2000	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.35	NA	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085 J-	< 0.80	< 0.80	< 1.0	< 1.0	< 0.36	< 0.2	< 0.2	< 0.2	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.42	< 0.42	< 0.40	< 0.25	< 0.25	< 0.25	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA
Styrene	10	100	< 0.10	< 0.10	< 0.39	< 0.065	< 0.065	< 0.065	< 0.47	< 3.0	< 0.36	< 0.36	< 0.39	< 0.5	< 0.5	< 0.5	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	NA
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.59	< 0.59	< 0.40	< 0.2	< 0.2	< 0.2	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA
Tetrachloroethene	0.5	5	< 0.17	< 0.17	< 0.37	0.49 J	0.15 BJ	***0.5***	< 0.33	< 0.33 U	< 0.41	< 0.41	< 0.37	***1.5***	***1.7***	***1.6***	***0.96 J***	***1.4***	***1.8***	***0.90 J***	***1.2***	***1.9***	***1.4***	NA
Toluene	160	800	< 0.11	< 0.11	< 0.15	0.10 J	0.07 J	< 0.053	< 0.17	< 0.27	< 0.29	< 0.29	< 0.15	< 0.5	< 0.5	< 0.5	0.20 J	< 0.11	< 0.11	0.26 J	< 0.11	< 0.11	< 0.11	NA
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.35	< 0.11	< 0.11	< 0.11	< 1.1	< 0.46	< 0.53	< 0.53	< 0.35	< 0.5	< 0.5	< 0.5	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA
Trichloroethene	0.5	5	< 0.19	< 0.19	< 0.16	< 0.062	< 0.062	< 0.062	< 0.26	< 0.26	< 0.32	< 0.32	< 0.16	< 0.2	< 0.2	< 0.2	< 0.18	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	NA
Trichlorofluoromethane	698	3490	< 1.0	< 1.0	< 1.0	< 0.50	< 0.5	< 0.13	< 0.21	< 0.21	< 0.42	< 0.42	< 0.43	< 2	< 2	< 2	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	NA
Vinyl chloride	0.02	0.2	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.2	< 0.2	< 0.2	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	NA
Xylenes, Total	400	2000	< 0.068	< 0.068	< 0.22	< 0.058	< 0.12	< 0.12	< 1.5	< 1.5	< 1.0	< 1.0	< 0.22	< 0.5	< 0.5	< 0.5	< 0.3	< 0.068	< 0.068	0.28 J	< 0.068	< 0.068	< 0.068	NA
Total PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	NA	NA	< 0.035
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.091	NA	NA	NA	NA	NA	< 0.037
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	NA	NA	< 0.038
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA	< 0.02
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3750
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-4S	MW-4S[3]	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	35 - 50 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/04/2018	04/04/2018	10/11/2018	04/11/2019	10/11/2019	7/20/2020	10/14/2020	04/13/2021	10/15/2021	04/25/2022	04/08/2010	03/30/2011	04/10/2012	01/16/2013	04/18/2013	07/17/2013	10/08/2013	04/17/2014	10/17/2014	10/12/2017	04/04/2018	10/11/2018
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	NA	NA
1,1,1-Trichloroethane	40	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	NA
1,1-Dichloroethene	0.7	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	NA	NA
1,2,4-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	NA	NA
1,2-Dibromoethane	0.005	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	NA	NA	NA
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	NA	NA	NA
1,2-Dichloroethane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	NA
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	NA	NA	NA
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	NA	NA
1,3,5-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA	NA	NA
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	NA	NA	NA
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	NA	NA
Bromoform	0.44	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	NA
Bromomethane	1	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *	NA	NA	NA
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	NA	NA	NA
Chloroethane	80	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	NA	NA	NA
Chloroform	0.6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	NA	NA
Chloromethane	3	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.3	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA	NA	NA
cis-1,2-Dichloroethene	7	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	NA	NA	NA
Di-isopropyl ether	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA	NA	NA
Dichlorodifluoromethane	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	NA	NA
Ethylbenzene	140	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	NA
Isopropylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	NA	NA
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24 *	NA	NA	NA
Methylene chloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 1	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	NA	NA	NA
Naphthalene	10	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.25	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA
n-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	NA
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	NA
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	NA	NA
sec-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.25	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA	NA	NA
Styrene	10	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	NA	NA	NA
tert-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	NA	NA
Tetrachloroethene	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***0.9***	***0.7***	< 0.22	< 0.17	***0.51 J***	< 0.17	< 0.17	***0.58 J***	< 0.17	NA	NA	NA
Toluene	160	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.15	< 0.11	< 0.11	0.36 J	< 0.11	< 0.11	< 0.11	NA	NA	NA
trans-1,2-Dichloroethene	20	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	NA	NA
Trichloroethene	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.18	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	NA	NA	NA
Trichlorofluoromethane	698	3490	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	NA	NA	NA
Vinyl chloride	0.02	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	NA	NA	NA
Xylenes, Total	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.3	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	NA	NA	NA
Total PCBs																								
Aroclor-1016	0.003	0.03	< 0.035	< 0.035	< 0.0072	< 0.0072	< 0.0072	< 0.0072 J-	< 0.0072	< 0.0072	< 0.0072	< 0.0071	NA	NA	NA	< 0.17	NA	NA	NA	NA	NA	< 0.035	< 0.035	< 0.0072
Aroclor-1232	0.003	0.03	< 0.037	< 0.037	< 0.0042	< 0.0042	< 0.0042	< 0.0042 J-	< 0.0042	< 0.0042	< 0.0042	< 0.0042	NA	NA	NA	< 0.093	NA	NA	NA	NA	NA	< 0.037	< 0.037	< 0.0042
Aroclor-1242	0.003	0.03	< 0.038	< 0.038	< 0.013	< 0.013	< 0.013	< 0.013 J-	< 0.013	< 0.013	< 0.013	< 0.013	NA	NA	NA	< 0.13	NA	NA	NA	NA	NA	< 0.038	< 0.038	< 0.013
Aroclor-1248	0.003	0.03	< 0.020	< 0.020	< 0.011	< 0.011	< 0.011	< 0.011 J-	< 0.011	< 0.011	< 0.011	< 0.011	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA	< 0.02	< 0.020	< 0.011
Total Detected PCBs	0.003	0.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	ND	ND
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	2960	2910	1750	2260	2150	1990	2150	1990	2130	2400	NA	NA	NA	NA	NA	NA	NA	NA	NA	672	714	600
Total Suspended Solids (TSS) (mg/L)	NE	NE	< 0.95	1.0 J	< 2.0	1.6 J	< 0.95	1.0 J	2.0	6.2	1.8 J	1.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.6	1.2 J	< 2.0

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-4D	MW-4D[3]	MW-4D	MW-4D	MW-4D[3]	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2[3]	MW-4D2	MW-4D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	65 - 70 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/11/2019	04/11/2019	10/11/2019	7/20/2020	7/20/2020	10/14/2020	04/13/2021	10/15/2021	04/25/2022	03/30/2011	04/10/2012	01/16/2013	04/18/2013	07/18/2013	10/07/2013	04/17/2014	10/17/2014	10/21/2015	01/22/2016	04/20/2016	07/19/2016	07/19/2016	10/12/2016	1/19/2017
VOCs																										
1,1,1,2-Tetrachloroethane	7	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
1,1,1-Trichloroethane	40	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.38	< 0.10	0.13 J	0.17 J	0.18 J	0.27 J	0.24 J
1,1,2-Trichloroethane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
1,1-Dichloroethene	0.7	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2,4-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060
1,2-Dibromoethane	0.005	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076
1,2-Dichloroethane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.43	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
1,2,3-Trichlorobenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077
1,3,5-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4
Benzene	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.089	0.34 J	< 0.089
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077
Bromoform	0.44	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088
Bromomethane	1	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *	< 0.80	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038
Chloroethane	80	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Chloroform	0.6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062
Chloromethane	3	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	< 0.16	< 0.16	0.20 J	0.18 J	0.52 BJ	0.26 BJ
cis-1,2-Dichloroethene	7	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.41	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Di-isopropyl ether	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Ethylbenzene	140	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	0.40 J	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054
Isopropylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057
Methyl tert-butyl ether	12	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24 *	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methylene chloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Naphthalene	10	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088
n-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
n-Propylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058
p-Isopropyltoluene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085
sec-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Styrene	10	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.39	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065
tert-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Tetrachloroethene	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	***1.9***	***0.73 J***	***1.2***	***0.92 J***	***1.2***	***0.84 J***	***1.5***	***1***	0.48 J	***0.8***	***0.76***	0.45 J	***0.55***	***0.65***	0.38 BJ
Toluene	160	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	0.40 J	< 0.11	0.45 J	0.39 J	< 0.11	< 0.11	< 0.11	< 0.15	< 0.053	< 0.053	< 0.053	< 0.053	0.13 J	0.11 BJ
trans-1,2-Dichloroethene	20	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Trichloroethene	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.18	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.16	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062
Trichlorofluoromethane	698	3490	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Vinyl chloride	0.02	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Xylenes, Total	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.3	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	1.8	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.12
Total PCBs																										
Aroclor-1016	0.003	0.03	< 0.0072	< 0.0072	< 0.0072	< 0.0072 J-	< 0.0072 J-	< 0.0072	< 0.0072	< 0.0072	< 0.0072	NA	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	< 0.0042	< 0.0042	< 0.0042	< 0.0042 J-	< 0.0042 J-	< 0.0042	< 0.0042	< 0.0042	< 0.0042	NA	NA	< 0.087	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	< 0.013	< 0.013	< 0.013	< 0.013 J-	< 0.013 J-	< 0.013	< 0.013	< 0.013	< 0.013	NA	NA	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	< 0.011	< 0.011	< 0.011	< 0.011 J-	< 0.011 J-	< 0.011	< 0.011	< 0.011	< 0.011	NA	NA	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																										
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																										
Total Dissolved Solids (mg/L)	NE	NE	894	820	944	1260	1180	1190	1200	1440	1410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	1.4 J	< 0.95	< 0.95	2.2	1.8 J	1.2 J	1.2 J	< 0.95 J	1.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2	MW-4D2[3]	MW-4D2	MW-4D2	MW-4D2	MW-5S	MW-5S	MW-5S	MW-5S[3]	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	91 - 96 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/11/2017	10/05/2017	04/04/2018	10/11/2018	04/11/2019	10/11/2019	10/14/2020	04/14/2021	10/15/2021	04/25/2022	04/25/2022	10/24/2022	4/12/2023	10/12/2023	04/07/2010	10/01/2010	04/12/2012	04/12/2012	11/28/2012	01/17/2013	02/13/2013	04/19/2013	07/18/2013	10/04/2013	04/15/2014	10/21/2014
VOCs																												
1,1,1,2-Tetrachloroethane	7	70	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.46	< 0.46	< 0.25	< 0.25	< 0.31	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	0.30 J	< 0.1	0.38 J	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.38	< 0.38	< 0.5	< 0.5	< 0.26	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
1,1,2-Trichloroethane	0.5	5	< 0.10	< 0.1	< 0.10	< 0.10	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.35	< 0.35	< 0.25	< 0.25	< 0.3	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 0.14	< 0.14	0.17 J	< 0.14	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58	< 0.39	< 0.39	< 0.5	< 0.5	< 0.29	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.060	< 0.06	< 0.060	< 0.060	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.36	< 0.36	< 0.2	< 0.2	< 0.22	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.13	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.39	< 0.2	< 0.2	< 0.45	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 0.076	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.2	< 0.2	< 0.21	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 0.078	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.39	< 0.39	< 0.5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.10	< 0.1	< 0.10	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.43	< 0.43	< 0.5	< 0.5	< 0.36	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 0.045	< 0.045	< 0.045	< 0.045	< 0.63	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.46 UJ	< 0.46	< 0.25	< 0.25	< 0.36	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.077	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34 UJ	< 0.34	< 0.25	< 0.25	< 0.22	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.075	< 0.075	< 0.075	< 0.075	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.25	< 0.25	< 0.2	< 0.2	< 0.23	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	< 3.0	< 3	< 3.0	< 3.0	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	< 6.5	< 6.5	< 2.1	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 0.95	< 0.95	< 0.95	< 0.95	< 2.5	< 2.5	< 5.2	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 0.77	< 0.77	< 0.77	< 0.77	< 1.5	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 3.4	< 3.4	< 3.4	< 3.4	< 2.7	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	< 8.6	< 8.6	< 2.6 U	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.089	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.15	< 0.15	< 0.2	< 0.2	< 0.12	0.40 J	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 0.077	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.37	< 0.37	< 0.2	< 0.2	< 0.23	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Bromoform	0.44	4.4	< 0.088	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 0.48	< 0.48	< 0.2	< 0.2	< 0.45	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 0.59	< 0.59	< 0.59	< 1.1 U	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.80 UJ	< 0.80	< 0.5	< 0.5	< 0.49	< 0.49	< 0.31	0.73 J	< 0.31 *	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
Carbon disulfide	200	1000	< 0.053	< 0.053	< 0.053	< 0.053	< 0.37	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.45	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.038	< 0.038	< 0.038	< 0.038	< 0.17	< 0.17	< 1.1	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.38	< 0.38	< 0.8	< 0.8	***1.2***	< 0.28	***1.1***	< 0.26	***1.4***	***1.1***	***1.3***	***1.3***	< 0.26	***0.79 J***
Chloroethane	80	400	< 0.25	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.51 UJ	< 0.51	< 1	< 1	< 0.33	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 0.062	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.37	< 0.37	< 0.2	0.55	***0.84 J***	***0.88 J***	***0.79 J***	***0.79 J***	< 0.2	< 0.2	< 0.2	***0.61 J***	< 0.20	< 0.20
Chloromethane	3	30	< 0.16	0.93 J	< 0.16	< 0.67 U	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.32	< 0.32	< 0.3	< 0.3	< 0.24	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.41	< 0.41	1.4	***10***	***13***	***14***	4.2	3.8	2.7	2.0	2.9	2.9	< 0.12	< 0.12
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.28	< 0.28	< 0.5	< 0.5	< 0.27	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.11	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.67	< 0.67	< 0.5	< 0.5	< 0.26	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
Ethylbenzene	140	700	< 0.054	< 0.054	< 0.054	< 0.054	< 0.22	< 0.22	< 0.32	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.18	< 0.18	< 0.5	< 0.5	< 0.14	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 0.081	< 0.081	< 0.081	< 0.081	< 0.39	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.39	< 0.39 J-	< 0.2	< 0.2	< 0.21	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
m,p-Xylene	400	2000	< 0.057	< 0.057	< 0.057	< 0.057	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70	< 0.70	< 0.70	< 0.70	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.14	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.39	< 0.39	< 0.5	< 0.5	< 0.28	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
Methylene chloride	0.5	5	< 0.14	< 0.14	< 0.14	< 0.35 U	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 1.6	< 1.6	< 1	< 1	< 0.63	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Naphthalene	10	100	< 0.088	0.13 BJ	< 0.088	< 0.088	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.34 UJ	< 0.34	1.4	< 0.25	< 0.24	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86	< 0.86	< 0.86	< 0.86	< 0.39	< 0.39	< 0.2	< 0.2	< 0.21	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
n-Hexane	120	600	< 0.21	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.7	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 0.49	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.10	< 0.1	< 0.10	< 0.10	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.41	< 0.41	< 0.5	< 0.5	< 0.19	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000	< 0.058	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.085	< 0.085	< 0.085	< 0.085	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.36	< 0.36	< 0.2	< 0.2	< 0.24	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.40	< 0.40	< 0.25	< 0.25	< 0.19	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Styrene	10	100	< 0.065	< 0.065	< 0.065	< 0.065	< 0.47	< 0.47	< 3.0	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.39	< 0.5	< 0.5	< 0.26	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10
tert-Butylbenzene	NE	NE	< 0.12	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.40	< 0.40	< 0.2	< 0.2	< 0.24	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	0.46 BJ	***0.61 B***	0.31 J	0.24 J	***1.1 J***	< 0.33 U	< 0.33	< 0.41	***0.63 J+***	< 0.41	< 0.41	< 0.41	< 0.37	< 0.37	***41***	***670***	***360***	***370***	***240***	***260***	***210***	***130***	***190***	***170***	***47***	***75***
Toluene	160	800	< 0.053	< 0.053	0.10 J	< 0.053	< 0.17	< 0.17	< 0.27	< 0.29	< 0.29	< 0.29	< 0.29	< 0.29	< 0.15	< 0.15	< 0.5	< 0.5	< 0.15	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.11	< 0.11	< 0.11	< 0.11	< 1.1	< 1.1	< 0.46	< 0.53	< 0.53	< 0.53	< 0.53	< 0.53	< 0.35	< 0.35	< 0.5	0.50	< 0.27	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Trichloroethene	0.5	5	< 0.062	< 0.062	< 0.062	< 0.062	< 0.26	< 0.26	< 0.26	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.16	< 0.16	***1***	***13***	***9.8***	***10***	***4.7***	***4.4***	***3.8***	***2.8***	***3***	***2.9***	< 0.19	***1.2***
Trichlorofluoromethane	698	3490	< 0.50	< 0.5	< 0.5	< 0.13	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.43	< 0.43	< 2	< 2	< 0.22	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0
Vinyl chloride	0.02	0.2	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.20	< 0.2	< 0.2	< 0.13	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10
Xylenes, Total	400	2000	< 0.12	< 0.12	< 0.12	< 0.12	< 1.5	< 1.5	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.22	< 0.22	< 0.5	< 0.5	< 0.3	< 0.3	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068
Total PCBs																												
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.091	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA
Dissolved PCBs																												
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																												
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	960	930	970	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S[3]	MW-5S	MW-5S	MW-5S[3]	MW-5S	MW-5S	MW-5S	MW-5S	MW-5D	MW-5D[3]	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	34 - 44 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/13/2015	10/21/2015	10/12/2016	10/04/2017	10/12/2018	04/10/2019	10/10/2019	7/17/2020	10/16/2020	10/16/2020	04/14/2021	10/14/2021	10/14/2021	04/21/2022	10/20/2022	4/13/2023	10/11/2023	04/07/2010	04/07/2010	04/12/2012	11/28/2012	01/17/2013	02/13/2013	04/19/2013	07/18/2013
VOCs																											
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.46	< 0.22	< 0.11	< 0.22	NA	< 0.27	NA	< 0.27	< 0.27	NA	< 0.36	< 0.36	NA	< 0.36	NA	< 0.46	< 5	< 5	< 0.31	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3
1,1,1-Trichloroethane	40	200	< 0.20	< 0.38	< 0.20	< 0.1	< 0.20	NA	< 0.24	NA	< 0.24	< 0.24	NA	< 0.30	< 0.30	NA	< 0.30	NA	< 0.38	< 10	< 10	< 0.26	< 1	< 0.4	< 0.4	< 0.4	< 1
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.35	< 0.20	< 0.1	< 0.20	NA	< 0.55	NA	< 0.55	< 0.55	NA	< 0.34	< 0.34	NA	< 0.34	NA	< 0.35	< 5	< 5	< 0.3	< 1.4	< 0.56	< 0.56	< 0.56	< 1.4
1,1-Dichloroethene	0.7	7	< 0.31	< 0.39	< 0.28	< 0.14	< 0.28	NA	< 0.24	NA	< 0.24	< 0.24	NA	< 0.58	< 0.58	NA	< 0.58	NA	< 0.39	< 10	< 10	< 0.29	< 1.6	< 0.62	< 0.62	< 0.62	< 1.6
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.36	< 0.12	< 0.06	< 0.12	NA	< 0.84	NA	< 0.84	< 0.84	NA	< 0.45	< 0.45	NA	< 0.45	NA	< 0.36	< 4	< 4	< 0.22	< 0.7	< 0.28	< 0.28	< 0.28	< 0.7
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.39	< 0.26	< 0.13	< 0.26	NA	< 0.83	NA	< 0.83	< 0.83	NA	< 0.31	< 0.31	NA	< 0.31	NA	< 0.39	< 4	< 4	< 0.45	< 1.8	< 0.72	< 0.72	< 0.72	< 1.8
1,2-Dichlorobenzene	60	600	< 0.27	< 0.33	< 0.15	< 0.076	< 0.15	NA	< 0.71	NA	< 0.71	< 0.71	NA	< 0.33	< 0.33	NA	< 0.33	NA	< 0.33	< 4	< 4	< 0.21	< 1.4	< 0.54	< 0.54	< 0.54	< 1.4
1,2-Dichloroethane	0.5	5	< 0.28	< 0.39	< 0.16	< 0.078	< 0.16	NA	< 0.28	NA	< 0.28	< 0.28	NA	< 0.29	< 0.29	NA	< 0.29	NA	< 0.39	< 10	< 10	< 0.28	< 1.4	< 0.56	< 0.56	< 0.56	< 1.4
1,2-Dichloropropane	0.5	5	< 0.20	< 0.43	< 0.20	< 0.1	< 0.20	NA	< 0.28	NA	< 0.28	< 0.28	NA	< 0.45	< 0.45	NA	< 0.45	NA	< 0.43	< 10	< 10	< 0.36	< 1	< 0.4	< 0.4	< 0.4	< 1
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.46	< 0.090	< 0.045	< 0.090	NA	< 0.63	NA	< 2.2	< 2.2	NA	< 1.0	< 1.0	NA	< 1.0	NA	< 0.46	< 5	< 5	< 0.36	< 1.2	< 0.48	< 0.48	< 0.48	< 1.2
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.34	< 0.15	< 0.077	< 0.15	NA	< 0.95	NA	< 0.95	< 0.95	NA	< 0.95	< 0.95	NA	< 0.95	NA	< 0.34	< 5	< 5	< 0.22	< 1.6	< 0.62	< 0.62	< 0.62	< 1.6
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.25	< 0.15	< 0.075	< 0.15	NA	< 0.87	NA	< 0.87	< 0.87	NA	< 0.36	< 0.36	NA	< 0.36	NA	< 0.25	< 4	< 4	< 0.23	< 0.9	< 0.36	< 0.36	< 0.36	< 0.9
2-Butanone	800	4000	NA	NA	< 6.0	< 3	< 6.0	NA	< 2.9	NA	< 2.9	< 2.9	NA	< 6.5	< 6.5	NA	< 6.5	NA	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	< 1.9	< 0.95	< 1.9	NA	< 2.5	NA	< 5.2	< 5.2	NA	< 6.3	< 6.3	NA	< 6.3	NA	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	< 1.5	< 0.77	< 1.5	NA	< 1.5	NA	< 4.6	< 4.6	NA	< 6.0	< 6.0	NA	< 6.0	NA	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	< 6.8	3.5 J	< 6.8	NA	< 2.7	NA	< 2.7	< 2.7	NA	< 8.6	< 8.6	NA	< 8.6	NA	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.074	< 0.15	< 0.18	< 0.089	< 0.18	NA	< 0.25	NA	< 0.25	< 0.25	NA	< 0.30	< 0.30	NA	< 0.30	NA	< 0.15	< 4	< 4	0.29 J	***1.1 J***	***1.2***	***1***	***0.88 J***	***1.5 J***
Bromodichloromethane	0.06	0.6	< 0.17	< 0.37	< 0.15	< 0.077	< 0.15	NA	< 0.36	NA	< 0.36	< 0.36	NA	< 0.42	< 0.42	NA	< 0.42	NA	< 0.37	< 4	< 4	< 0.23	< 0.85	< 0.34	< 0.34	< 0.34	< 0.85
Bromoform	0.44	4.4	< 0.28	< 0.48	< 0.18	< 0.088	< 0.18	NA	< 4.0	NA	< 4.0	< 4.0	NA	< 3.8	< 3.8	NA	< 3.8	NA	< 0.48	< 4	< 4	< 0.45	< 1.4	< 0.56	< 0.56	< 0.56	< 1.4
Bromomethane	1	10	< 0.31	< 0.80	< 1.2	< 0.59	< 1.2	NA	< 0.97	NA	< 0.97	< 0.97	NA	< 1.2	< 1.2	NA	< 1.2	NA	< 0.80	< 10	< 10	< 0.49	< 1.6	< 0.62	< 0.62 *	< 0.62	< 1.6
Carbon disulfide	200	1000	NA	NA	< 0.11	< 0.053	< 0.11	NA	< 0.37	NA	< 0.45	< 0.45	NA	< 1.1	< 1.1	NA	< 1.1	NA	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.26	***1***	< 0.076	***0.81***	< 0.076	NA	***0.91 J***	NA	< 1.1	< 1.1	NA	***0.78 J***	***0.77 J***	NA	***0.98 J***	NA	***1***	< 16	< 16	< 0.28	< 1.3	< 0.52	< 0.52	< 0.52	< 1.3
Chloroethane	80	400	< 0.34	< 0.47	< 0.50	< 0.25	< 0.50	NA	< 1.3	NA	< 1.3	< 1.3	NA	< 1.4	< 1.4	NA	< 1.4	NA	< 0.51	< 20	< 20	< 0.33	< 1.7	< 0.68	< 0.68	< 0.68	< 1.7
Chloroform	0.6	6	< 0.20	< 0.37	< 0.12	< 0.062	< 0.12	NA	< 1.3	NA	< 1.3	< 1.3	NA	< 1.2	< 1.2	NA	< 1.2	NA	***0.79 J***	< 4	< 4	< 0.25	< 1	***1.0 J***	< 0.4	< 0.4	< 1
Chloromethane	3	30	< 0.18	< 0.32	1.2 BJ	1.3 J	< 0.76 U	NA	< 2.2	NA	< 2.2	< 2.2	NA	< 1.6	< 1.6	NA	< 1.6	NA	< 0.32	< 6	< 6	< 0.24	< 0.9	< 0.36	< 0.36	< 0.36	< 0.9
cis-1,2-Dichloroethene	7	70	< 0.12	< 0.41	< 0.22	< 0.11	< 0.22	NA	< 0.27	NA	< 0.27	< 0.27	NA	< 0.47	< 0.47	NA	< 0.47	NA	< 0.41	***48***	***48***	***26***	***93***	***110***	***94***	***100***	***120***
Di-isopropyl ether	NE	NE	< 0.15	< 0.28	< 0.30	< 0.15	< 0.30	NA	< 1.9	NA	< 1.9	< 1.9	NA	< 1.1	< 1.1	NA	< 1.1	NA	< 0.28	< 10	< 10	< 0.27	< 0.75	< 0.3	< 0.3	< 0.3	< 0.75
Dichlorodifluoromethane	200	1000	< 0.20	< 0.54	< 0.22	< 0.11	< 0.22	NA	< 0.50	NA	< 0.50	< 0.50	NA	< 0.46	< 0.46	NA	< 0.46	NA	< 0.67	< 10	< 10	< 0.26	< 1	< 0.4	< 0.4	< 0.4	< 1
Ethylbenzene	140	700	< 0.13	< 0.18	< 0.11	< 0.054	< 0.11	NA	< 0.22	NA	< 0.32	< 0.32	NA	< 0.33	< 0.33	NA	< 0.33	NA	< 0.18	< 10	< 10	< 0.14	< 0.65	< 0.26	< 0.26	< 0.26	< 0.65
Isopropylbenzene	NE	NE	< 0.14	< 0.39	< 0.16	< 0.081	< 0.16	NA	< 0.39	NA	< 1.7	< 1.7	NA	< 1.0	< 1.0	NA	< 1.0	NA	< 0.39 J-	< 4	< 4	< 0.21	< 0.7	< 0.28	< 0.28	< 0.28	< 0.7
m,p-Xylene	400	2000	NA	NA	< 0.11	0.06 BJ	< 0.11	NA	< 0.47	NA	< 0.47	< 0.47	NA	< 0.70	< 0.70	NA	< 0.70	NA	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.24	< 0.39	< 0.28	< 0.14	< 0.28	NA	< 1.2	NA	< 1.2	< 1.2	NA	< 1.1	< 1.1	NA	< 1.1	NA	< 0.39	< 10	< 10	< 0.28	< 1.2	< 0.48	< 0.48	< 0.48	< 1.2
Methylene chloride	0.5	5	< 0.68	< 1.6	< 0.28	< 0.14	< 0.38 U	NA	< 0.58	NA	< 0.58	< 0.58	NA	< 0.32	< 0.32	NA	< 0.32	NA	< 1.6	< 20	< 20	< 0.63	< 3.4	< 1.4	< 1.4	< 1.4	< 3.4
Naphthalene	10	100	< 0.16	< 0.34	< 0.18	< 0.088	< 0.18	NA	< 1.2	NA	< 1.2	< 1.2	NA	< 1.1	< 1.1	NA	< 1.1	NA	< 0.34	< 5	< 5	< 0.24	< 0.8	< 0.32	< 0.32	< 0.32	< 0.8
n-Butylbenzene	NE	NE	< 0.13	< 0.39	< 0.28	< 0.14	< 0.28	NA	< 0.71	NA	< 0.71	< 0.71	NA	< 0.86	< 0.86	NA	< 0.86	NA	< 0.39	< 4	< 4	< 0.21	< 0.65	< 0.26	< 0.26	< 0.26	< 0.65
n-Hexane	120	600	NA	NA	< 0.42	< 0.21	< 0.42	NA	< 1.7	NA	< 1.7	< 1.7	NA	< 1.5	< 1.5	NA	< 1.5	NA	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.13	< 0.41	< 0.20	< 0.1	< 0.20	NA	< 0.81	NA	< 0.81	< 0.81	NA	< 0.35	< 0.35	NA	< 0.35	NA	< 0.41	< 10	< 10	< 0.19	< 0.65	< 0.26	< 0.26	< 0.26	< 0.65
o-Xylene	400	2000	NA	NA	< 0.12	< 0.058	< 0.12	NA	< 0.26	NA	< 0.26	< 0.26	NA	< 0.35	< 0.35	NA	< 0.35	NA	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.17	< 0.36	< 0.17	< 0.085	< 0.17	NA	< 0.80	NA	< 0.80	< 0.80	NA	< 1.0	< 1.0	NA	< 1.0	NA	< 0.36	< 4	< 4	< 0.24	< 0.85	< 0.34	< 0.34	< 0.34	< 0.85
sec-Butylbenzene	NE	NE	< 0.15	< 0.40	< 0.26	< 0.13	< 0.26	NA	< 0.85	NA	< 0.85	< 0.85	NA	< 0.42	< 0.42	NA	< 0.42	NA	< 0.40	< 5	< 5	< 0.19	< 0.75	< 0.3	< 0.3	< 0.3	< 0.75
Styrene	10	100	< 0.10	< 0.39	< 0.13	< 0.065	< 0.13	NA	< 0.47	NA	< 3.0	< 3.0	NA	< 0.36	< 0.36	NA	< 0.36	NA	< 0.39	< 10	< 10	< 0.26	< 0.5	< 0.2	< 0.2	< 0.2	< 0.5
tert-Butylbenzene	NE	NE	< 0.14	< 0.40	< 0.24	< 0.12	< 0.24	NA	< 0.30	NA	< 0.30	< 0.30	NA	< 0.59	< 0.59	NA	< 0.59	NA	< 0.40	< 4	< 4	< 0.24	< 0.7	< 0.28	< 0.28	< 0.28	< 0.7
Tetrachloroethene	0.5	5	***100***	***110***	***58***	***46***	***55***	NA	***49.2***	NA	***39.6***	***45.9***	NA	***56.1 J+***	***53.2***	NA	***66.2***	NA	***37***	***1100***	***890***	***400***	***2000***	***1800***	***1700***	***1200***	***2000***
Toluene	160	800	< 0.11	< 0.15	0.22 J	< 0.053	< 0.11	NA	< 0.17	NA	< 0.27	< 0.27	NA	< 0.29	< 0.29	NA	< 0.29	NA	< 0.15	< 10	< 10	0.30 J	< 0.55	< 0.22	< 0.22	< 0.22	< 0.55
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.35	< 0.22	< 0.11	< 0.22	NA	< 1.1	NA	< 0.46	< 0.46	NA	< 0.53	< 0.53	NA	< 0.53	NA	< 0.35	< 10	< 10	1.3	3.9 J	3.9	3.1	3.4	3.8 J
Trichloroethene	0.5	5	***0.99***	***0.79***	< 0.12	0.15 J	0.22 J	NA	< 0.26	NA	< 0.26	< 0.26	NA	< 0.32	< 0.32	NA	< 0.32	NA	< 0.16	***100***	***97***	***48***	***190***	***180***	***180***	***170***	***160***
Trichlorofluoromethane	698	3490	< 1.0	< 1.0	< 1.0	< 0.5	< 0.26	NA	< 0.21	NA	< 0.21	< 0.21	NA	< 0.42	< 0.42	NA	< 0.42	NA	< 0.43	< 40	< 40	< 0.22	< 0.95	< 0.38	< 0.38	< 0.38	< 0.95
Vinyl chloride	0.02	0.2	< 0.10	< 0.20	< 0.32	< 0.16	< 0.32	NA	< 0.17	NA	< 0.17	< 0.17	NA	< 0.17	< 0.17	NA	< 0.17	NA	< 0.20	< 4	< 4	< 0.13	< 0.5	< 0.2	< 0.2	< 0.2	< 0.5
Xylenes, Total	400	2000	< 0.068	< 0.22	< 0.12	< 0.12	< 0.23	NA	< 1.5	NA	< 1.5	< 1.5	NA	< 1.0	< 1.0	NA	< 1.0	NA	< 0.22	< 10	< 10	< 0.3	< 0.34	< 0.14	< 0.14	< 0.14	< 0.34
Total PCBs																											
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	< 0.0072	< 0.0072	< 0.0072	< 0.0072 J-	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.23	< 0.0047	< 0.0050	NA	NA	NA	NA	< 0.17	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	< 0.0042	< 0.0042	< 0.0042	< 0.0042 J-	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.23	< 0.0052	< 0.0055	NA	NA	NA	NA	< 0.094	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	< 0.013	< 0.013	< 0.013	< 0.013 J-	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.23	< 0.0035	< 0.0037	NA	NA	NA	NA	< 0.13	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	< 0.011	< 0.011	< 0.011	< 0.011 J-	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.23	< 0.0079	< 0.0084	NA	NA	NA	NA	< 0.11	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	ND	NA	NA	NA
Dissolved PCBs																											
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																											
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	784	1060	1050	1170	1070	1130	850	804	816	810	960	734	596	NA	NA	NA	980	930	960	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	< 2.0	2.4	< 0.95	1.0 J	< 0.95	< 0.95	1.0 J	< 0.95 J	< 0.95 J	2.8	3.3	< 1.9	< 1.9	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D[3]	MW-5D	MW-5D	MW-5D[3]	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft	75 - 80 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/04/2013	04/15/2014	10/21/2014	04/13/2015	10/19/2015	01/21/2016	04/21/2016	04/21/2016	07/18/2016	10/12/2016	10/12/2016	1/18/2017	04/12/2017	10/04/2017	04/03/2018	10/12/2018	04/08/2019	10/10/2019	10/16/2020	04/14/2021	10/15/2021	04/21/2022	10/20/2022
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 1.3	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.11	0.51	< 11	< 11	< 0.55	< 0.22	< 0.11	< 0.55	< 5.4	0.31 J	< 0.27	< 3.6	< 3.6	< 1.8	< 0.89
1,1,1-Trichloroethane	40	200	< 1	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 10	< 10	< 0.50	< 0.2	< 0.10	< 0.50	< 4.9	< 0.24	< 0.24	< 3.0	< 3.0	< 1.5	< 0.76
1,1,2-Trichloroethane	0.5	5	< 1.4	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 10	< 10	< 0.50	< 0.2	< 0.10	< 0.50	< 11.0	< 0.55	< 0.55	< 3.4	< 3.4	< 1.7	< 0.86
1,1-Dichloroethene	0.7	7	< 1.6	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 14	< 14	< 0.70	< 0.28	< 0.14	< 0.70	< 4.9	< 0.24	< 0.24	< 5.8	< 5.8	< 2.9	< 1.5
1,2,4-Trimethylbenzene	96	480	< 0.7	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 6.0	< 6.0	< 0.30	< 0.12	< 0.060	< 0.30	< 16.8	< 0.84	< 0.84	< 4.5	< 4.5	< 2.2	< 1.1
1,2-Dibromoethane	0.005	0.05	< 1.8	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 13	< 13	< 0.65	< 0.26	< 0.13	< 0.65	< 16.6	< 0.83	< 0.83	< 3.1	< 3.1	< 1.5	< 0.77
1,2-Dichlorobenzene	60	600	< 1.4	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 7.6	< 7.6	< 0.38	< 0.15	< 0.076	< 0.38	< 14.1	< 0.71	< 0.71	< 3.3	< 3.3	< 1.6	< 0.81
1,2-Dichloroethane	0.5	5	< 1.4	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 7.8	< 7.8	< 0.39	< 0.16	< 0.078	< 0.39	< 5.6	< 0.28	< 0.28	< 2.9	< 2.9	< 1.5	< 0.73
1,2-Dichloropropane	0.5	5	< 1	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 10	< 10	< 0.50	< 0.2	< 0.10	< 0.50	< 5.7	< 0.28	< 0.28	< 4.5	< 4.5	< 2.2	< 1.1
1,2,3-Trichlorobenzene	NE	NE	< 1.2	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	0.23 BJ	< 0.045	< 4.5	< 4.5	< 0.23	< 0.09	< 0.045	< 0.23	< 12.5	< 0.63	< 2.2	< 10.2	< 10.2	< 5.1	< 2.5
1,2,4-Trichlorobenzene	14	70	< 1.6	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	0.13 BJ	< 0.077	< 7.7	< 7.7	< 0.39	< 0.15	< 0.077	< 0.39	< 19.0	< 0.95	< 0.95	< 9.5	< 9.5	< 4.8	< 2.4
1,3,5-Trimethylbenzene	96	480	< 0.9	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 7.5	< 7.5	< 0.38	< 0.15	< 0.075	< 0.38	< 17.5	< 0.87	< 0.87	< 3.6	< 3.6	< 1.8	< 0.89
2-Butanone	800	4000	NA	NA	NA	NA	NA	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 300	< 300	< 15	< 6	< 3.0	< 15	< 58.7	< 2.9	< 2.9	< 65.2	< 65.2	< 32.6	< 16.3
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 95	< 95	< 4.8	< 1.9	< 0.95	< 4.8	< 49.1	< 2.5	< 5.2	< 62.8	NA	< 31.4	< 15.7
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 77	< 77	< 3.9	< 1.5	< 0.77	< 3.9	< 30.6	< 1.5	< 4.6	< 59.5	< 59.5	< 29.8	< 14.9
Acetone	1800	9000	NA	NA	NA	NA	NA	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 340	< 340	< 17	< 6.8	< 3.4	< 17	< 54.8	< 2.7	< 2.7	< 86.4	< 86.4	< 43.2	< 21.6
Benzene	0.5	5	***2.8***	0.30 J	0.22 J	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.089	***5.7***	< 8.9	***9.0 J***	< 0.45	< 0.18	< 0.089	< 0.45	< 4.9	< 0.25	< 0.25	< 3.0	< 3.0	< 1.5	< 0.74
Bromodichloromethane	0.06	0.6	< 0.85	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 7.7	< 7.7	< 0.39	< 0.15	< 0.077	< 0.39	< 7.3	< 0.36	< 0.36	< 4.2	< 4.2	< 2.1	< 1.0
Bromoform	0.44	4.4	< 1.4	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 8.8	< 8.8	< 0.44	< 0.18	< 0.088	< 0.44	< 79.4	< 4.0	< 4.0	< 38.0	< 38.0	< 19.0	< 9.5
Bromomethane	1	10	< 1.6	< 0.31	< 0.31	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 59	< 59	< 3.0	< 1.2	< 0.59	< 3.0	< 19.4	< 0.97	< 0.97	< 11.9	< 11.9	< 6.0	< 3.0
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	< 0.053	< 0.053	0.11 J	< 0.053	< 0.053	< 5.3	15 J	0.70 J	< 0.11	0.10 J	< 0.27	< 7.5	< 0.37	< 0.45	< 11.0	< 11.0	< 5.5	< 2.8
Carbon tetrachloride	0.5	5	< 1.3	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 3.8	< 3.8	< 0.19	< 0.076	< 0.038	< 0.19	< 3.3	0.44 J	< 1.1	< 3.7	< 3.7	< 1.8	< 0.92
Chloroethane	80	400	< 1.7	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 25	< 25	< 1.3	< 0.5	< 0.25	< 1.3	< 26.8	< 1.3	< 1.3	< 13.8	< 13.8	< 6.9	< 3.4
Chloroform	0.6	6	< 1	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 0.062	***1***	< 6.2	***11 BJ***	< 0.31	< 0.12	< 0.062	< 0.31	< 25.5	***1.6 J***	< 1.3	< 11.8	< 11.8	< 5.9	< 3.0
Chloromethane	3	30	< 0.9	< 0.18	< 0.18	< 0.18	< 0.32	< 0.16	< 0.16	< 0.16	< 0.16	0.57 BJ	***100 J***	< 16	< 0.80	1.4 J	< 0.16	< 1.7 U	< 43.8	< 2.2	< 2.2	< 16.4	< 16.4	< 8.2	< 4.1
cis-1,2-Dichloroethene	7	70	***140***	***77***	***100***	***190***	***10***	0.94	***11***	***13***	3.0	***210***	***270***	***230***	***13***	4	5.8	***12***	***149***	***85.4***	***11.5***	***11.5***	***10.1***	5.0	2.9
Di-isopropyl ether	NE	NE	< 0.75	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 15	< 15	< 0.75	< 0.3	< 0.15	< 0.75	< 37.8	< 1.9	< 1.9	< 11.0	< 11.0	< 5.5	< 2.8
Dichlorodifluoromethane	200	1000	< 1	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 11	< 11	< 0.55	< 0.22	< 0.11	< 0.55	< 10	< 0.50	< 0.50	< 4.6	< 4.6	< 2.3	< 1.1
Ethylbenzene	140	700	< 0.65	< 0.13	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 5.4	< 5.4	< 0.27	< 0.11	< 0.054	< 0.27	< 4.4	< 0.22	< 0.32	< 3.3	< 3.3	< 1.6	< 0.81
Isopropylbenzene	NE	NE	< 0.7	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 8.1	< 8.1	< 0.41	< 0.16	< 0.081	< 0.41	< 7.9	< 0.39	< 1.7	< 10.0	< 10.0	< 5.0	< 2.5
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 5.7	8.0 BJ	< 0.29	< 0.11	0.060 J	< 0.29	< 9.3	< 0.47	< 0.47	< 7.0	< 7.0	< 3.5	< 1.8
Methyl tert-butyl ether	12	60	< 1.2	< 0.24	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	0.75	< 14	< 14	< 0.70	< 0.28	< 0.14	< 0.70	< 24.9	< 1.2	< 1.2	< 11.3	< 11.3	< 5.6	< 2.8
Methylene chloride	0.5	5	< 3.4	< 0.68	< 0.68	< 0.68	< 1.6	0.18 J	< 0.14	< 0.14	< 0.14	< 0.14	< 14	***18 BJ***	***1.3 J***	< 0.28	0.17 J	< 0.70	< 11.6	< 0.58	< 0.58	< 3.2	< 3.2	< 1.6	< 0.80
Naphthalene	10	100	< 0.8	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.088	0.22 BJ	< 0.088	< 8.8	< 8.8	< 0.44	< 0.18	< 0.088	< 0.44	< 23.5	< 1.2	< 1.2	< 11.3	< 11.3	< 5.6	< 2.8
n-Butylbenzene	NE	NE	< 0.65	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 14	< 14	< 0.70	< 0.28	< 0.14	< 0.70	< 14.2	< 0.71	< 0.71	< 8.6	< 8.6	< 4.3	< 2.1
n-Hexane	120	600	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 21	< 21	< 1.1	< 0.42	< 0.21	< 1.1	< 34.2	< 1.7	< 1.7	< 14.6	< 14.6	< 7.3	< 3.7
n-Propylbenzene	NE	NE	< 0.65	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 10	< 10	< 0.50	< 0.2	< 0.10	< 0.50	< 16.2	< 0.81	< 0.81	< 3.5	< 3.5	< 1.7	< 0.86
o-Xylene	400	2000	NA	NA	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 5.8	< 5.8	< 0.29	< 0.12	< 0.058	< 0.29	< 5.2	< 0.26	< 0.26	< 3.5	< 3.5	< 1.7	< 0.87
p-Isopropyltoluene	NE	NE	< 0.85	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 8.5	< 8.5	< 0.43	< 0.17	< 0.085	< 0.43	< 16.0	< 0.80	< 0.80	< 10.4	< 10.4	< 5.2	< 2.6
sec-Butylbenzene	NE	NE	< 0.75	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 13	< 13	< 0.65	< 0.26	< 0.13	< 0.65	< 17.0	< 0.85	< 0.85	< 4.2	< 4.2	< 2.1	< 1.1
Styrene	10	100	< 0.5	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	< 0.065	< 0.065	0.24 J	< 0.065	< 6.5	< 6.5	< 0.33	< 0.13	< 0.065	< 0.33	< 9.3	< 0.47	< 3.0	< 3.6	< 3.6	< 1.8	< 0.89
tert-Butylbenzene	NE	NE	< 0.7	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 12	< 12	< 0.60	< 0.24	< 0.12	< 0.60	< 6.1	< 0.30	< 0.30	< 5.9	< 5.9	< 2.9	< 1.5
Tetrachloroethene	0.5	5	***2000***	< 0.17	***8.4***	***66***	***110***	***10***	***7.5***	***7.1***	***8.2***	***3600***	***4100***	***3500***	***190***	***68***	***57***	***150***	***2170***	***1500***	***360***	***428***	***375***	***273***	***263***
Toluene	160	800	< 0.55	< 0.11	< 0.11	< 0.11	< 0.15	< 0.053	< 0.053	< 0.053	< 0.053	0.10 J	11 J	16 BJ	< 0.27	< 0.11	0.060 J	< 0.27	< 3.4	< 0.17	< 0.27	< 2.9	< 2.9	< 1.4	< 0.72
trans-1,2-Dichloroethene	20	100	2.9 J	< 0.25	< 0.25	< 0.25	< 0.35	< 0.11	< 0.11	0.11 J	< 0.11	3.6	< 11	< 11	< 0.55	< 0.22	0.28 J	< 0.55	< 21.8	1.7 J	< 0.46	< 5.3	< 5.3	< 2.6	< 1.3
Trichloroethene	0.5	5	***110***	< 0.19	***2.5***	***31***	***6.4***	***0.64***	***3***	***3***	***0.7***	***150***	***180***	***120 B***	***9.1***	***3.7***	***3.2***	***7.8***	***72.3***	***48.3***	***9.5***	***10.9***	***8.4 J***	***5.6***	***4.5***
Trichlorofluoromethane	698	3490	< 0.95	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 50	< 50	< 2.5	< 1	< 0.5	< 0.65	< 4.3	< 0.21	< 0.21	< 4.2	< 4.2	< 2.1	< 1.0
Vinyl chloride	0.02	0.2	< 0.5	< 0.10	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 16	< 16	< 0.80	< 0.32	< 0.16	< 0.80	< 3.5	< 0.17	< 0.17	< 1.7	< 1.7	< 0.87	< 0.44
Xylenes, Total	400	2000	< 0.34	< 0.068	< 0.068	< 0.068	< 0.22	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 5.8	< 12	< 0.58	< 0.23	< 0.12	< 0.58	< 30.0	< 1.5	< 1.5	< 10.5	< 10.5	< 5.2	< 2.6
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0072	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0042	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.013	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.011	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	708	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-5D	MW-5D	MW-5D[3]	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2[3]	MW-5D2	MW-5D2	MW-5D2	MW-5D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	75 - 80 ft	75 - 80 ft	75 - 80 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	4/13/2023	10/11/2023	10/11/2023	11/30/2012	01/17/2013	02/13/2013	04/19/2013	07/18/2013	10/09/2013	04/15/2014	10/21/2014	04/15/2015	10/22/2015	01/21/2016	01/21/2016	04/21/2016	07/18/2016	10/12/2016	1/20/2017
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	< 0.46	< 0.46	< 0.46	NA	< 0.25	< 0.25	< 0.25	< 0.5	< 0.25	< 0.50	< 0.25	< 0.50	< 0.92	< 1.1	< 1.1	< 4.4	< 1.1	< 2.2	< 2.2
1,1,1-Trichloroethane	40	200	< 0.38	< 0.38	< 0.38	NA	< 0.2	< 0.2	< 0.2	< 0.4	< 0.2	< 0.40	< 0.20	< 0.40	< 0.76	< 1.0	< 1.0	< 4.0	< 1.0	< 2.0	< 2.0
1,1,2-Trichloroethane	0.5	5	< 0.35	< 0.35	< 0.35	NA	< 0.28	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.28	< 0.56	< 0.70	< 1.0	< 1.0	< 4.0	< 1.0	< 2.0	< 2.0
1,1-Dichloroethene	0.7	7	***0.80 J***	< 0.39	0.44 J	NA	< 0.31	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.31	< 0.62	< 0.78	< 1.4	< 1.4	< 5.6	< 1.4	< 2.8	< 2.8
1,2,4-Trimethylbenzene	96	480	< 0.36	< 0.36	< 0.36	NA	< 0.14	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.14	< 0.28	< 0.72	< 0.60	< 0.60	< 2.4	< 0.60	< 1.2	< 1.2
1,2-Dibromoethane	0.005	0.05	< 0.39	< 0.39	< 0.39	NA	< 0.36	< 0.36	< 0.36	< 0.72	< 0.36	< 0.72	< 0.36	< 0.72	< 0.77	< 1.3	< 1.3	< 5.2	< 1.3	< 2.6	< 2.6
1,2-Dichlorobenzene	60	600	< 0.33	< 0.33	< 0.33	NA	< 0.27	< 0.27	< 0.27	< 0.54	< 0.27	< 0.54	< 0.27	< 0.54	< 0.67	< 0.76	< 0.76	< 3.0	< 0.76	< 1.5	< 1.5
1,2-Dichloroethane	0.5	5	< 0.39	< 0.39	< 0.39	NA	< 0.28	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.28	< 0.56	< 0.78	< 0.78	< 0.78	< 3.1	< 0.78	< 1.6	< 1.6
1,2-Dichloropropane	0.5	5	< 0.43	< 0.43	< 0.43	NA	< 0.2	< 0.2	< 0.2	< 0.4	< 0.2	< 0.40	< 0.20	< 0.40	< 0.86	< 1.0	< 1.0	< 4.0	< 1.0	< 2.0	< 2.0
1,2,3-Trichlorobenzene	NE	NE	< 0.46 UJ	< 0.46	< 0.46	NA	< 0.24	< 0.24	< 0.24	< 0.48	< 0.24	< 0.48	< 0.24	< 0.48	< 0.92	< 0.45	< 0.45	7.2 BJ	< 0.45	< 0.90	< 0.90
1,2,4-Trichlorobenzene	14	70	< 0.34 UJ	< 0.34	< 0.34	NA	< 0.31	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.31	< 0.62	< 0.68	< 0.77	< 0.77	5.2 J	< 0.77	< 1.5	< 1.5
1,3,5-Trimethylbenzene	96	480	< 0.25	< 0.25	< 0.25	NA	< 0.18	< 0.18	< 0.18	< 0.36	< 0.18	< 0.36	< 0.18	< 0.36	< 0.51	< 0.75	< 0.75	< 3.0	< 0.75	< 1.5	< 1.5
2-Butanone	800	4000	< 2.1	< 2.1	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30	< 30	< 120	< 30	< 60	< 60
2-Hexanone	NE	NE	< 1.6	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.5	< 9.5	< 38	< 9.5	< 19	< 19
4-Methyl-2-pentanone	50	500	< 2.2	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7.7	< 7.7	< 31	< 7.7	< 15	< 15
Acetone	1800	9000	< 2.7 U	< 1.7	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 34	< 34	< 140	< 34	< 68	< 68
Benzene	0.5	5	< 0.15	< 0.15	< 0.15	NA	< 0.074	< 0.074	< 0.074	< 0.15	< 0.074	< 0.15	< 0.074	< 0.15	< 0.29	< 0.89	< 0.89	< 3.6	< 0.89	< 1.8	< 1.8
Bromodichloromethane	0.06	0.6	< 0.37	< 0.37	< 0.37	NA	< 0.17	< 0.17	< 0.17	< 0.34	< 0.17	< 0.34	< 0.17	< 0.34	< 0.74	< 0.77	< 0.77	< 3.1	< 0.77	< 1.5	< 1.5
Bromoform	0.44	4.4	< 0.48	< 0.48	< 0.48	NA	< 0.28	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.28	< 0.56	< 0.97	< 0.88	< 0.88	< 3.5	< 0.88	< 1.8	< 1.8
Bromomethane	1	10	< 0.80 UJ	< 0.80	< 0.80	NA	< 0.31	< 0.31 *	< 0.31	< 0.62	< 0.31	< 0.62	< 0.31	< 0.62	< 1.6	< 5.9	< 5.9	< 24	< 5.9	< 12	< 12
Carbon disulfide	200	1000	< 0.45	< 0.45	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.53	< 0.53	< 2.1	< 0.53	< 1.1	< 1.1
Carbon tetrachloride	0.5	5	0.40 J	< 0.38	< 0.38	NA	< 0.26	< 0.26	< 0.26	< 0.52	< 0.26	< 0.52	< 0.26	< 0.52	< 0.77	< 0.38	< 0.38	< 1.5	< 0.38	< 0.76	< 0.76
Chloroethane	80	400	< 0.51 UJ	< 0.51	< 0.51	NA	< 0.34	< 0.34	< 0.34	< 0.68	< 0.34	< 0.68	< 0.34	< 0.68	< 0.94	< 2.5	< 2.5	< 10	< 2.5	< 5.0	< 5.0
Chloroform	0.6	6	< 0.37	< 0.37	< 0.37	NA	< 0.2	< 0.2	< 0.2	< 0.4	< 0.2	< 0.40	< 0.20	< 0.40	< 0.74	< 0.62	< 0.62	< 2.5	< 0.62	< 1.2	< 1.2
Chloromethane	3	30	< 0.32	< 0.32	< 0.32	NA	< 0.18	< 0.18	< 0.18	< 0.36	< 0.18	< 0.36	< 0.18	< 0.36	< 0.64	< 1.6	< 1.6	< 6.4	< 1.6	***11 BJ***	***5.8 BJ***
cis-1,2-Dichloroethene	7	70	4.7	3.0	3.4	NA	6.6	***9.2***	4.7	3.6	1.5	< 0.24	0.79 J	2.1	2.9	1.4 J	1.6 J	< 4.4	6.1	< 2.2	< 2.2
Di-isopropyl ether	NE	NE	< 0.28	< 0.28	< 0.28	NA	< 0.15	< 0.15	< 0.15	< 0.3	< 0.15	< 0.30	< 0.15	< 0.30	< 0.55	< 1.5	< 1.5	< 6.0	< 1.5	< 3.0	< 3.0
Dichlorodifluoromethane	200	1000	< 0.67	< 0.67	< 0.67	NA	< 0.2	< 0.2	< 0.2	< 0.4	< 0.2	< 0.40	< 0.20	< 0.40	< 1.1	< 1.1	< 1.1	< 4.4	< 1.1	< 2.2	< 2.2
Ethylbenzene	140	700	< 0.18	< 0.18	< 0.18	NA	< 0.13	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.13	< 0.26	< 0.37	< 0.54	< 0.54	< 2.2	< 0.54	< 1.1	< 1.1
Isopropylbenzene	NE	NE	< 0.39	< 0.39 J-	< 0.39 J-	NA	< 0.14	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.14	< 0.28	< 0.77	< 0.81	< 0.81	< 3.2	< 0.81	< 1.6	< 1.6
m,p-Xylene	400	2000	< 0.18	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.57	< 0.57	< 2.3	< 0.57	< 1.1	1.6 BJ
Methyl tert-butyl ether	12	60	< 0.39	< 0.39	< 0.39	NA	< 0.24	< 0.24	< 0.24	< 0.48	< 0.24	< 0.48	< 0.24	< 0.48	< 0.79	< 1.4	< 1.4	< 5.6	< 1.4	< 2.8	< 2.8
Methylene chloride	0.5	5	< 1.6	< 1.6	< 2.3 U	NA	< 0.68	< 0.68	< 0.68	< 1.4	***5.7***	< 1.4	< 0.68	< 1.4	< 3.3	< 1.4	< 1.4	< 5.6	< 1.4	< 2.8	***3.4 BJ***
Naphthalene	10	100	< 0.34 UJ	< 0.34	< 0.34	NA	< 0.16	< 0.16	< 0.16	< 0.32	< 0.16	< 0.32	< 0.16	< 0.32	< 0.67	< 0.88	< 0.88	***12 BJ***	< 0.88	< 1.8	< 1.8
n-Butylbenzene	NE	NE	< 0.39	< 0.39	< 0.39	NA	< 0.13	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.13	< 0.26	< 0.78	< 1.4	< 1.4	< 5.6	< 1.4	< 2.8	< 2.8
n-Hexane	120	600	< 0.49	< 0.49 UJ	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.1	< 2.1	< 8.4	< 2.1	< 4.2	< 4.2
n-Propylbenzene	NE	NE	< 0.41	< 0.41	< 0.41	NA	< 0.13	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.13	< 0.26	< 0.83	< 1.0	< 1.0	< 4.0	< 1.0	< 2.0	< 2.0
o-Xylene	400	2000	< 0.22	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.58	< 0.58	< 2.3	< 0.58	< 1.2	1.4 BJ
p-Isopropyltoluene	NE	NE	< 0.36	< 0.36	< 0.36	NA	< 0.17	< 0.17	< 0.17	< 0.34	< 0.17	< 0.34	< 0.17	< 0.34	< 0.72	< 0.85	< 0.85	< 3.4	< 0.85	< 1.7	< 1.7
sec-Butylbenzene	NE	NE	< 0.40	< 0.40	< 0.40	NA	< 0.15	< 0.15	< 0.15	< 0.3	< 0.15	< 0.30	< 0.15	< 0.30	< 0.80	< 1.3	< 1.3	< 5.2	< 1.3	< 2.6	< 2.6
Styrene	10	100	< 0.39	< 0.39	< 0.39	NA	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.20	< 0.10	< 0.20	< 0.77	< 0.65	< 0.65	< 2.6	< 0.65	< 1.3	< 1.3
tert-Butylbenzene	NE	NE	< 0.40	< 0.40	< 0.40	NA	< 0.14	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.14	< 0.28	< 0.80	< 1.2	< 1.2	< 4.8	< 1.2	< 2.4	< 2.4
Tetrachloroethene	0.5	5	***340***	***290***	***270***	NA	***650***	***650***	***640***	***710***	***110***	***520***	***47***	***700***	***640***	***380***	***380***	***160***	***970***	***550***	***570***
Toluene	160	800	< 0.15	< 0.15	< 0.15	NA	0.70	0.22 J	0.35 J	2.4	0.43 J	< 0.22	< 0.11	< 0.22	< 0.30	< 0.53	< 0.53	< 2.1	< 0.53	< 1.1	3.2 BJ
trans-1,2-Dichloroethene	20	100	< 0.35	< 0.35	< 0.35	NA	< 0.25	< 0.25	< 0.25	< 0.5	< 0.25	< 0.50	< 0.25	< 0.50	< 0.70	< 1.1	< 1.1	< 4.4	< 1.1	< 2.2	< 2.2
Trichloroethene	0.5	5	***5.5***	***3.8***	***4***	NA	***9.5***	***8.4***	***7.4***	***8.1***	***6.1***	***7.1***	***2.2***	***8.2***	***9.1***	***4.7 J***	***5.5***	< 2.5	***13***	***8.4 J***	***6.6 BJ***
Trichlorofluoromethane	698	3490	< 0.43	< 0.43	< 0.43	NA	< 0.19	< 0.19	< 0.19	< 0.38	< 0.19	< 2.0	< 1.0	< 2.0	< 2.0	< 5.0	< 5.0	< 20	< 5.0	< 10	< 10
Vinyl chloride	0.02	0.2	< 0.20	< 0.20	< 0.20	NA	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.20	< 0.10	< 0.20	< 0.41	< 1.6	< 1.6	< 6.4	< 1.6	< 3.2	< 3.2
Xylenes, Total	400	2000	< 0.22	< 0.22	< 0.22	NA	< 0.068	< 0.068	< 0.068	< 0.14	< 0.068	< 0.14	< 0.068	< 0.14	< 0.44	< 0.58	< 0.58	< 2.3	< 0.58	< 1.2	3.0 BJ
Total PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																					
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	720	590	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2[3]	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D2	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	165.8 - 170.8 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/12/2017	10/04/2017	04/03/2018	10/12/2018	04/10/2019	10/10/2019	10/10/2019	10/16/2020	04/14/2021	10/15/2021	04/21/2022	10/20/2022	4/13/2023	10/11/2023	11/28/2012	01/18/2013	02/13/2013	04/21/2013	07/17/2013	10/07/2013	04/16/2014
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 2.2	< 2.2	< 0.55	< 5.5	< 5.4	1.2	1.1	1.2	< 8.9	< 8.9	< 8.9	< 14.2	< 4.6	< 4.6	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 2.0	< 2	< 0.50	< 5.0	< 4.9	< 0.24	< 0.24	< 0.24	< 7.6	< 7.6	< 7.6	< 12.1	< 3.8	< 3.8	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
1,1,2-Trichloroethane	0.5	5	< 2.0	< 2	< 0.50	< 5.0	< 11.0	< 0.55	< 0.55	< 0.55	< 8.6	< 8.6	< 8.6	< 13.8	< 3.5	< 3.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 2.8	< 2.8	< 0.70	< 7.0	< 4.9	0.29 J	< 0.24	< 0.24	< 14.6	< 14.6	< 14.6	< 23.3	< 3.9	< 3.9	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 1.2	< 1.2	< 0.30	< 3.0	< 16.8	< 0.84	< 0.84	< 0.84	< 11.2	< 11.2	< 11.2	< 17.9	< 3.6	< 3.6	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 2.6	< 2.6	< 0.65	< 6.5	< 16.6	< 0.83	< 0.83	< 0.83	< 7.7	< 7.7	< 7.7	< 12.4	< 3.9	< 3.9	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 1.5	< 1.5	< 0.38	< 3.8	< 14.1	< 0.71	< 0.71	< 0.71	< 8.1	< 8.1	< 8.1	< 13.0	< 3.3	< 3.3	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 1.6	< 1.6	< 0.39	< 3.9	< 5.6	< 0.28	< 0.28	< 0.28	< 7.3	< 7.3	< 7.3	< 11.7	< 3.9	< 3.9	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 2.0	< 2	< 0.50	< 5.0	< 5.7	< 0.28	< 0.28	< 0.28	< 11.2	< 11.2	< 11.2	< 17.9	< 4.3	< 4.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 0.90	< 0.9	< 0.23	< 2.3	< 12.5	< 0.63	< 0.63	< 2.2	< 25.5	< 25.5	< 25.5	< 40.7	< 4.6 UJ	< 4.6	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 1.5	< 1.5	< 0.39	< 3.9	< 19.0	< 0.95	< 0.95	< 0.95	< 23.8	< 23.8	< 23.8	< 38.0	< 3.4 UJ	< 3.4	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 1.5	< 1.5	< 0.38	< 3.8	< 17.5	< 0.87	< 0.87	< 0.87	< 8.9	< 8.9	< 8.9	< 14.3	< 2.5	< 2.5	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	< 60	< 60	< 15	< 150	< 58.7	< 2.9	< 2.9	< 2.9	< 163	< 163	< 163	< 261	< 21	< 21	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 19	< 19	< 4.8	< 48	< 49.1	< 2.5	< 2.5	< 5.2	< 157	< 157	< 157	< 251	< 16	< 16	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 15	< 15	< 3.9	< 39	< 30.6	< 1.5	< 1.5	< 4.6	< 149	< 149	< 149	< 238	< 22	< 22	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 68	< 68	< 17	< 170	< 54.8	< 2.7	< 2.7	< 2.7	< 216	< 216	< 216	< 346	< 25 U	< 17	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 1.8	< 1.8	< 0.45	< 4.5	< 4.9	< 0.25	< 0.25	< 0.25	< 7.4	< 7.4	< 7.4	< 11.8	< 1.5	< 1.5	< 0.074	0.28 J	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 1.5	< 1.5	< 0.39	< 3.9	< 7.3	< 0.36	< 0.36	< 0.36	< 10.4	< 10.4	< 10.4	< 16.6	< 3.7	< 3.7	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Bromoform	0.44	4.4	< 1.8	< 1.8	< 0.44	< 4.4	< 79.4	< 4.0	< 4.0	< 4.0	< 95.0	< 95.0	< 95.0	< 152	< 4.8	< 4.8	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 12	< 12	< 3.0	< 30	< 19.4	< 0.97	< 0.97	< 0.97	< 29.8	< 29.8	< 29.8	< 47.7	< 8.0 UJ	< 8.0	< 0.31	< 0.31	< 0.31 *	< 0.31	< 0.31	< 0.31	< 0.31
Carbon disulfide	200	1000	< 1.1	< 1.1	< 0.27	< 2.7	< 7.5	< 0.37	< 0.37	< 0.45	< 27.6	< 27.6	< 27.6	< 44.1	< 4.5	< 4.5	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.76	< 0.76	< 0.19	< 1.9	< 3.3	< 0.17	< 0.17	< 1.1	< 9.2	< 9.2	< 9.2	< 14.8	< 3.8	< 3.8	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Chloroethane	80	400	< 5.0	< 5	< 1.3	< 13	< 26.8	< 1.3	< 1.3	< 1.3	< 34.5	< 34.5	< 34.5	< 55.2	< 5.1 UJ	< 5.1	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	***2.2 J***	< 1.2	< 0.31	< 3.1	< 25.5	< 1.3	< 1.3	< 1.3	< 29.6	< 29.6	< 29.6	< 47.3	< 3.7	< 3.7	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
Chloromethane	3	30	< 3.2	***4.2 J+***	< 0.80	< 15 U	< 43.8	< 2.2	< 2.2	< 2.2	< 40.9	< 40.9	< 40.9	< 65.4	< 3.2	< 3.2	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	2.2 J	4.8 J	< 0.55	***10 J***	***15.0 J***	***10.9***	***11.3***	***12.8***	< 11.8	***22.2 J***	< 11.8	< 18.9	***20***	***17***	3.1	***12***	***12***	1.6	2.1	4.5	< 0.12
Di-isopropyl ether	NE	NE	< 3.0	< 3	< 0.75	< 7.5	< 37.8	< 1.9	< 1.9	< 1.9	< 27.5	< 27.5	< 27.5	< 44.0	< 2.8	< 2.8	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 2.2	< 2.2	< 0.55	< 5.5	< 10	< 0.50	< 0.50	< 0.50	< 11.4	< 11.4	< 11.4	< 18.2	< 6.7	< 6.7	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
Ethylbenzene	140	700	< 1.1	< 1.1	< 0.27	< 2.7	< 4.4	< 0.22	< 0.22	< 0.32	< 8.1	< 8.1	< 8.1	< 13.0	< 1.8	< 1.8	< 0.13	< 0.13	< 0.13	< 0.13	0.32 J	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 1.6	< 1.6	< 0.41	< 4.1	< 7.9	< 0.39	< 0.39	< 1.7	< 25.0	< 25.0	< 25.0	< 40.0	< 3.9	< 3.9 J-	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
m,p-Xylene	400	2000	< 1.1	1.2 BJ	< 0.29	< 2.9	< 9.3	< 0.47	< 0.47	< 0.47	< 17.5	< 17.5	< 17.5	< 28.0	< 1.8	< 1.8	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 2.8	< 2.8	< 0.70	< 7.0	< 24.9	< 1.2	< 1.2	< 1.2	< 28.2	< 28.2	< 28.2	< 45.2	< 3.9	< 3.9	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
Methylene chloride	0.5	5	< 2.8	< 2.8	***0.90 J+***	< 7.0	< 11.6	< 0.58	< 0.58	< 0.58	< 8.0	< 8.0	< 8.0	< 12.8	< 16	< 16	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Naphthalene	10	100	< 1.8	< 1.8	< 0.44	< 4.4	< 23.5	< 1.2	< 1.2	< 1.2	< 28.2	< 28.2	< 28.2	< 45.2	< 3.4 UJ	< 3.4	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 2.8	< 2.8	< 0.70	< 7.0	< 14.2	< 0.71	< 0.71	< 0.71	< 21.4	< 21.4	< 21.4	< 34.3	< 3.9	< 3.9	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
n-Hexane	120	600	< 4.2	< 4.2	< 1.1	< 11	< 34.2	< 1.7	< 1.7	< 1.7	< 36.6	< 36.6	< 36.6	< 58.5	< 4.9	< 4.9 UJ	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 2.0	< 2	< 0.50	< 5.0	< 16.2	< 0.81	< 0.81	< 0.81	< 8.6	< 8.6	< 8.6	< 13.8	< 4.1	< 4.1	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000	< 1.2	< 1.2	< 0.29	< 2.9	< 5.2	< 0.26	< 0.26	< 0.26	< 8.7	< 8.7	< 8.7	< 13.9	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 1.7	< 1.7	< 0.43	< 4.3	< 16.0	< 0.80	< 0.80	< 0.80	< 26.1	< 26.1	< 26.1	< 41.8	< 3.6	< 3.6	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 2.6	< 2.6	< 0.65	< 6.5	< 17.0	< 0.85	< 0.85	< 0.85	< 10.6	< 10.6	< 10.6	< 17.0	< 4.0	< 4.0	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Styrene	10	100	< 1.3	1.4 BJ	< 0.33	< 3.3	< 9.3	< 0.47	< 0.47	< 3.0	< 8.9	< 8.9	< 8.9	< 14.3	< 3.9	< 3.9	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10
tert-Butylbenzene	NE	NE	< 2.4	< 2.4	< 0.60	< 6.0	< 6.1	< 0.30	< 0.30	< 0.30	< 14.7	< 14.7	< 14.7	< 23.4	< 4.0	< 4.0	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	***670***	***940***	***210***	***1900***	***2150***	***2150***	***2120***	***4000***	***1780***	***3540***	***2090***	***2840***	***4300***	***4700***	***19***	***0.59 J***	***0.83 J***	***1.8***	***0.78 J***	***1.5***	< 0.17
Toluene	160	800	< 1.1	1.2 BJ	< 0.27	< 2.7	< 3.4	< 0.17	< 0.17	< 0.27	< 7.2	< 7.2	< 7.2	< 11.5	< 1.5	< 1.5	< 0.11	< 0.11	< 0.11	0.29 J	0.53	0.20 J	< 0.11
trans-1,2-Dichloroethene	20	100	< 2.2	< 2.2	< 0.55	< 5.5	< 21.8	< 1.1	< 1.1	0.53 J	< 13.2	< 13.2	< 13.2	< 21.1	< 3.5	< 3.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Trichloroethene	0.5	5	***7.8 J***	***12***	***2.3 J***	***25 J***	***26.7***	***29.2***	***30.2***	***27.9***	***19.7 J***	***43.8***	***15.8 J***	***37.8 J***	***53***	***50***	***2.6***	< 0.19	< 0.19	< 0.19	< 0.19	0.29 J	< 0.19
Trichlorofluoromethane	698	3490	< 10	< 10	< 2.5	< 6.5	< 4.3	< 0.21	< 0.21	< 0.21	< 10.5	< 10.5	< 10.5	< 16.7	< 4.3	< 4.3	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0
Vinyl chloride	0.02	0.2	< 3.2	< 3.2	< 0.80	< 8.0	< 3.5	< 0.17	< 0.17	< 0.17	< 4.4	< 4.4	< 4.4	< 7.0	< 2.0	< 2.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10
Xylenes, Total	400	2000	< 2.3	< 2.3	< 0.58	< 5.8	< 30.0	< 1.5	< 1.5	< 1.5	< 26.2	< 26.2	< 26.2	< 41.9	< 2.2	< 2.2	< 0.068	< 0.068	< 0.068	< 0.068	0.68 J	< 0.068	< 0.068
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.09	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	360	290	300	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3	MW-5D3
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft	225 - 235 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/20/2014	04/13/2015	10/21/2015	01/21/2016	04/21/2016	07/20/2016	10/12/2016	1/19/2017	04/12/2017	10/04/2017	04/03/2018	10/11/2018	04/10/2019	10/10/2019	10/16/2020	04/14/2021	10/14/2021	04/21/2022	10/20/2022	4/13/2023	10/11/2023
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36	< 0.36	NA	< 0.46	< 0.46
1,1,1-Trichloroethane	40	200	< 0.20	< 0.20	< 0.38	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.30	< 0.38	< 0.38
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.35	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.34	< 0.35	< 0.35
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58	< 0.58	< 0.58	0.45 J	< 0.39
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.36	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.06	< 0.060	< 0.060	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	NA	< 0.36	< 0.36
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31	< 0.31	NA	< 0.39	< 0.39
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	NA	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29	< 0.29	< 0.29	< 0.39	< 0.39
1,2-Dichloropropane	0.5	5	< 0.20	< 0.20	< 0.43	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	NA	< 0.43	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.46	0.18 J	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.63	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	NA	< 0.46 UJ	< 0.46
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.34	0.13 J	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	NA	< 0.34 UJ	< 0.34
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36	< 0.36	NA	< 0.25	< 0.25
2-Butanone	800	4000	NA	NA	NA	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3	< 3.0	< 3.0	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	NA	< 2.1	< 2.1
2-Hexanone	NE	NE	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 2.5	< 2.5	< 5.2	< 6.3	< 6.3	< 6.3	< 6.3	< 1.6	< 1.6
4-Methyl-2-pentanone	50	500	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 1.5	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	NA	< 2.2	< 2.2
Acetone	1800	9000	NA	NA	NA	< 3.4	< 3.4	< 3.4	< 3.4	9.6 J+	15 BJ	< 3.4	< 3.4	< 4.6 U	< 2.7	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	NA	< 2.8 U	< 1.7
Benzene	0.5	5	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	0.19 J	0.15 BJ	< 0.089	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30	< 0.30	< 0.30	< 0.15	< 0.15
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42	< 0.42	< 0.37	< 0.37
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8	< 3.8	< 3.8	< 0.48	< 0.48
Bromomethane	1	10	< 0.31 *	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2	< 1.2	< 1.2	< 0.80 UJ	< 0.80
Carbon disulfide	200	1000	NA	NA	NA	< 0.053	< 0.053	0.10 J	< 0.053	< 0.053	< 0.053	< 0.053	0.080 J	< 0.053	< 0.37	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	< 1.1	< 0.45	< 0.45
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.17	< 0.17	< 1.1	< 0.37	< 0.37	< 0.37	< 0.37	< 0.38	< 0.38
Chloroethane	80	400	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4	< 1.4	NA	< 0.51 UJ	< 0.51
Chloroform	0.6	6	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	< 1.2	< 0.37	< 0.37
Chloromethane	3	30	< 0.18	< 0.18	< 0.32	< 0.16	< 0.16	< 0.16	0.67 BJ	0.37 BJ	< 0.16	0.22 J+	< 0.16	< 0.56 U	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 1.6	< 0.32	< 0.32
cis-1,2-Dichloroethene	7	70	< 0.12	< 0.12	< 0.41	0.19 J	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.47	< 0.47	< 0.47	NA	< 0.41	< 0.41
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1	< 1.1	NA	< 0.28	< 0.28
Dichlorodifluoromethane	200	1000	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	0.11 J	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46	< 0.46	NA	< 0.67	< 0.67
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	0.18 J	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.22	< 0.22	< 0.32	< 0.33	< 0.33	< 0.33	< 0.33	< 0.18	< 0.18
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.39	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	NA	< 0.39	< 0.39 J-
m,p-Xylene	400	2000	NA	NA	NA	< 0.057	< 0.057	0.49 J	< 0.057	< 0.057	< 0.057	0.06 BJ	< 0.057	< 0.057	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70	< 0.70	NA	< 0.18	< 0.18
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	NA	< 0.39	< 0.39
Methylene chloride	0.5	5	< 0.68	< 0.68	< 1.6	0.16 J	< 0.14	< 0.14	< 0.14	0.17 BJ	< 0.14	< 0.14	< 0.14	< 0.29 U	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	NA	< 1.6	< 1.6
Naphthalene	10	100	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	0.36 BJ	< 0.088	< 0.088	< 0.088	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	NA	< 0.34 UJ	< 0.34
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86	< 0.86	NA	< 0.39	< 0.39
n-Hexane	120	600	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.7	< 1.5	< 1.5	< 1.5	< 1.5	< 0.49	< 0.49 UJ
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.41	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35	< 0.35	NA	< 0.41	< 0.41
o-Xylene	400	2000	NA	NA	NA	< 0.058	< 0.058	0.24 J	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35	< 0.35	NA	< 0.22	< 0.22
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 1.0	NA	< 0.36	< 0.36
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42	< 0.42	NA	< 0.40	< 0.40
Styrene	10	100	< 0.10	< 0.10	< 0.39	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.47	< 0.47	< 3.0	< 0.36	< 0.36	< 0.36	NA	< 0.39	< 0.39
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59	< 0.59	NA	< 0.40	< 0.40
Tetrachloroethene	0.5	5	< 0.17	< 0.17	< 0.37	0.14 J	< 0.081	0.10 J	0.22 J	< 0.081	0.25 BJ	< 0.081	< 0.081	< 0.081	< 0.33	< 0.33	< 0.33	< 0.41	< 0.41	< 0.41	< 0.41	< 0.37	< 0.37
Toluene	160	800	< 0.11	< 0.11	< 0.15	0.080 J	< 0.053	< 0.053	0.15 J	0.17 BJ	< 0.053	0.08 BJ	0.12 J	< 0.053	< 0.17	< 0.17	< 0.27	< 0.29	< 0.29	< 0.29	< 0.29	< 0.15	< 0.15
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.35	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 1.1	< 1.1	< 0.46	< 0.53	< 0.53	< 0.53	NA	< 0.35	< 0.35
Trichloroethene	0.5	5	< 0.19	< 0.19	< 0.16	< 0.062	< 0.062	< 0.062	< 0.062	0.16 BJ	0.18 J	< 0.062	< 0.062	< 0.062	< 0.26	< 0.26	< 0.26	< 0.32	< 0.32	< 0.32	< 0.32	< 0.16	< 0.16
Trichlorofluoromethane	698	3490	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.13	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42	< 0.42	NA	< 0.43	< 0.43
Vinyl chloride	0.02	0.2	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.20
Xylenes, Total	400	2000	< 0.068	< 0.068	0.25 J	< 0.058	< 0.058	0.73	< 0.058	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 1.5	< 1.5	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 0.22	< 0.22
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S[3]	MW-6S	MW-6S
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	12/31/2009	04/07/2010	07/01/2010	10/01/2010	12/28/2010	04/11/2012	01/17/2013	04/20/2013	07/18/2013	10/07/2013	04/17/2014	10/16/2014	04/14/2015	10/22/2015	10/12/2016	10/09/2017	10/09/2017	04/04/2018	10/15/2018
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	NA	< 0.11
1,1,1-Trichloroethane	40	200	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1	< 0.1	NA	< 0.10
1,1,2-Trichloroethane	0.5	5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.1	< 0.1	NA	< 0.10
1,1-Dichloroethene	0.7	7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	NA	< 0.14
1,2,4-Trimethylbenzene	96	480	4.3	3.3	1.3	2.2	3.2	4.8	12	0.92 J	< 0.14	1.4	2.0	0.96 J	1.4	1.3	0.83	0.37 J	0.3 J	NA	< 0.060
1,2-Dibromoethane	0.005	0.05	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	NA	< 0.13
1,2-Dichlorobenzene	60	600	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	NA	< 0.076
1,2-Dichloroethane	0.5	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	NA	< 0.078
1,2-Dichloropropane	0.5	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1	< 0.1	NA	< 0.10
1,2,3-Trichlorobenzene	NE	NE	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	0.07 BJ	< 0.045	NA	< 0.045
1,2,4-Trichlorobenzene	14	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	NA	< 0.077
1,3,5-Trimethylbenzene	96	480	0.92	7.3	0.27	4.6	0.39	1.5	3.4	< 0.18	< 0.18	< 0.18	0.73 J	< 0.18	1.1	1.7	0.45 J	0.17 J	0.15 J	NA	< 0.075
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3	< 3	NA	< 3.0
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	NA	< 0.95
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	NA	< 0.77
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 3.4	< 3.4	NA	< 3.4
Benzene	0.5	5	***7.6***	***7.9***	***5***	***5.3***	***5***	***4.1***	***9.3***	***1.9***	0.34 J	***2.6***	***2.8***	***2.1***	***3.3***	***3.8***	***2.9***	***0.71***	***0.65***	NA	0.10 J
Bromodichloromethane	0.06	0.6	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	***1.2***	< 0.077	< 0.077	< 0.077	NA	< 0.077
Bromoform	0.44	4.4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	NA	< 0.088
Bromomethane	1	10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	NA	< 0.59
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	< 0.053	NA	< 0.053
Carbon tetrachloride	0.5	5	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	NA	< 0.038
Chloroethane	80	400	< 1	< 1	< 1	< 1	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	NA	< 0.25
Chloroform	0.6	6	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	NA	< 0.062
Chloromethane	3	30	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	0.62 BJ	2.2	***3.6***	NA	< 0.50 U
cis-1,2-Dichloroethene	7	70	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.41	< 0.11	< 0.11	< 0.11	NA	< 0.11
Di-isopropyl ether	NE	NE	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	NA	< 0.15
Dichlorodifluoromethane	200	1000	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	NA	< 0.11
Ethylbenzene	140	700	23	14	6.0	13	15	9.8	40	0.18 J	< 0.13	8.0	7.5	3.5	6.4	7.1	2.0	0.79	0.75	NA	< 0.054
Isopropylbenzene	NE	NE	12	9.4	5.3	7.5	6.4	4.1	12	< 0.14	< 0.14	3.2	2.6	2.1	2.9	3.7	1.4	0.53	0.52	NA	< 0.081
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.78 J	0.37 J	0.35 J	NA	< 0.057
Methyl tert-butyl ether	12	60	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	NA	< 0.14
Methylene chloride	0.5	5	< 1	< 1	< 1	< 1	< 1	***8.3***	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	***9.4 cn***	< 0.14	< 0.14	< 0.14	NA	< 0.29 U
Naphthalene	10	100	***26***	***14***	6.4	***10***	***16***	***19***	***43***	< 0.16	< 0.16	3.8	4.2	1.9	6.6	9.8	2.0 J	0.69 BJ	0.29 BJ	NA	< 0.088
n-Butylbenzene	NE	NE	1.6	1.6	0.92	1.2	0.86	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	NA	< 0.14
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	NA	< 0.21
n-Propylbenzene	NE	NE	4.9	3.7	1.9	3.3	3.0	1.8	6.8	< 0.13	< 0.13	1.3	1.5	< 0.13	1.2	1.5	0.46 J	0.19 J	< 0.1	NA	< 0.10
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.17 J	0.11 J	0.1 J	NA	< 0.058
p-Isopropyltoluene	NE	NE	1.7	1.6	0.72	1.1	0.83	< 0.24	2.4	< 0.17	< 0.17	< 0.17	0.56 J	< 0.17	< 0.17	0.95 J	0.35 J	0.16 J	0.14 J	NA	< 0.085
sec-Butylbenzene	NE	NE	1.9	1.8	1.5	1.5	1.0	0.56 J	1.8	< 0.15	< 0.15	< 0.15	0.82 J	< 0.15	< 0.15	0.86 J	0.38 J	0.13 J	< 0.13	NA	< 0.13
Styrene	10	100	0.53	0.51	< 0.5	< 0.5	1.1	< 0.26	0.64 J	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	0.1 BJ	0.07 J	NA	< 0.065
tert-Butylbenzene	NE	NE	0.27	0.31	0.22	0.24	< 0.2	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	NA	< 0.12
Tetrachloroethene	0.5	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.22	< 0.17	***0.53 J***	< 0.17	< 0.17	***0.66 J***	< 0.17	< 0.17	< 0.37	***0.6***	< 0.081	< 0.081	NA	0.10 J
Toluene	160	800	3.3	3.3	1.2	1.8	2.0	2.5	6.3	0.82	< 0.11	1.1	1.1	< 0.11	1.9	2.4	0.75	0.32 BJ	0.32 J	NA	< 0.053
trans-1,2-Dichloroethene	20	100	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	< 0.11	< 0.11	< 0.11	NA	< 0.11
Trichloroethene	0.5	5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.18	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.16	< 0.062	< 0.062	< 0.062	NA	< 0.062
Trichlorofluoromethane	698	3490	< 1.7	< 2	< 2	< 2	< 2	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 0.5	< 0.5	NA	< 0.13
Vinyl chloride	0.02	0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	NA	< 0.16
Xylenes, Total	400	2000	9.6	8.2	2.6	4.5	6.4	7.8	25	1.8	< 0.068	3.3	2.8	1.9	3.3	3.7	0.95	0.48 J	0.45 J	NA	< 0.12
Total PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	NA	NA	NA	NA	NA	< 0.035	< 0.035	< 0.035	< 0.0072
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.094	NA	NA	NA	NA	NA	NA	NA	NA	< 0.037	< 0.037	< 0.037	< 0.0042
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	NA	NA	NA	NA	NA	< 0.038	< 0.038	< 0.038	< 0.013
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.02	< 0.020	< 0.011
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Dissolved PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																					
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3970	3910	3400	3940
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2 J	1.2 J	7.4	1.0

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-6S[3]	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S	MW-6S[(3)]	MW-6S	MW-6S	MW-6S	MW-6S	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D[3]
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	31.4 - 41.4 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/15/2018	04/12/2019	10/11/2019	7/16/2020	10/15/2020	04/15/2021	04/15/2021	10/14/2021	04/25/2022	10/21/2022	10/12/2023	12/31/2009	04/07/2010	07/01/2010	10/01/2010	12/28/2010	03/31/2011	04/12/2012	01/16/2013	01/16/2013
VOCs																						
1,1,1,2-Tetrachloroethane	7	70	< 0.11	NA	< 0.27	NA	< 0.27	NA	NA	< 0.36	NA	< 0.36	< 0.46	< 13	< 20	< 13	< 0.25	< 2.5	< 10	< 0.62	< 0.5	< 0.5
1,1,1-Trichloroethane	40	200	< 0.10	NA	< 0.24	NA	< 0.24	NA	NA	< 0.30	NA	< 0.30	< 0.38	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.52	< 0.4	< 0.4
1,1,2-Trichloroethane	0.5	5	< 0.10	NA	< 0.55	NA	< 0.55	NA	NA	< 0.34	NA	< 0.34	< 0.35	< 13	< 20	< 13	< 0.25	< 2.5	< 10	< 0.6	< 0.56	< 0.56
1,1-Dichloroethene	0.7	7	< 0.14	NA	< 0.24	NA	< 0.24	NA	NA	< 0.58	NA	< 0.58	< 0.39	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.58	< 0.62	< 0.62
1,2,4-Trimethylbenzene	96	480	< 0.060	NA	< 0.84	NA	< 0.84	NA	NA	< 0.45	NA	< 0.45	< 0.36	***330***	***130***	***130***	***160***	***180***	74	19	23	25
1,2-Dibromoethane	0.005	0.05	< 0.13	NA	< 0.83	NA	< 0.83	NA	NA	< 0.31	NA	< 0.31	< 0.39	***15***	< 16	< 10	***11***	***9.7***	< 8	< 0.9	< 0.72	< 0.72
1,2-Dichlorobenzene	60	600	< 0.076	NA	< 0.71	NA	< 0.71	NA	NA	< 0.33	NA	< 0.33	< 0.33	< 10	< 16	< 10	< 0.2	< 2	< 8	< 0.42	< 0.54	< 0.54
1,2-Dichloroethane	0.5	5	< 0.078	NA	< 0.28	NA	< 0.28	NA	NA	< 0.29	NA	< 0.29	< 0.39	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.56	< 0.56	< 0.56
1,2-Dichloropropane	0.5	5	< 0.10	NA	< 0.28	NA	< 0.28	NA	NA	< 0.45	NA	< 0.45	< 0.43	< 25	< 40	< 25	***7.2***	***6***	< 20	< 0.72	< 0.4	< 0.4
1,2,3-Trichlorobenzene	NE	NE	< 0.045	NA	< 0.63	NA	< 2.2	NA	NA	< 1.0	NA	< 1.0	< 0.46	< 13	< 20	< 13	< 0.25	< 2.5	< 10	< 0.72	< 0.48	< 0.48
1,2,4-Trichlorobenzene	14	70	< 0.077	NA	< 0.95	NA	< 0.95	NA	NA	< 0.95	NA	< 0.95	< 0.34	< 13	< 20	< 13	< 0.25	< 2.5	< 10	< 0.44	< 0.62	< 0.62
1,3,5-Trimethylbenzene	96	480	< 0.075	NA	< 0.87	NA	< 0.87	NA	NA	< 0.36	NA	< 0.36	< 0.25	23	< 16	< 10	13	13	< 8	< 0.46	< 0.36	< 0.36
2-Butanone	800	4000	< 3.0	NA	< 2.9	NA	< 2.9	NA	NA	< 6.5	NA	< 6.5	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 0.95	NA	< 2.5	NA	< 5.2	NA	NA	< 6.3	NA	< 6.3	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 0.77	NA	< 1.5	NA	< 4.6	NA	NA	< 6.0	NA	< 6.0	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 13 U	NA	< 2.7	NA	< 2.7	NA	NA	< 8.6	NA	< 8.6	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.089	NA	< 0.25	NA	< 0.25	NA	NA	< 0.30	NA	< 0.30	< 0.15	***3900***	***3200***	***2900***	< 0.2	***2900***	***2100***	***1500***	***1300***	***1400***
Bromodichloromethane	0.06	0.6	< 0.077	NA	< 0.36	NA	< 0.36	NA	NA	< 0.42	NA	< 0.42	< 0.37	< 10	< 16	< 10	< 0.2	< 2	< 8	< 0.46	< 0.34	< 0.34
Bromoform	0.44	4.4	< 0.088	NA	< 4.0	NA	< 4.0	NA	NA	< 3.8	NA	< 3.8	< 0.48	< 10	< 16	< 10	< 0.2	< 2	< 8	< 0.9	< 0.56	< 0.56
Bromomethane	1	10	< 0.59	NA	< 0.97	NA	< 0.97	NA	NA	< 1.2	NA	< 1.2	< 0.80	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.98	< 0.62	< 0.62
Carbon disulfide	200	1000	< 0.053	NA	< 0.37	NA	< 0.45	NA	NA	< 1.1	NA	< 1.1	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.038	NA	< 0.17	NA	< 1.1	NA	NA	< 0.37	NA	< 0.37	< 0.38	< 40	< 64	< 40	< 0.8	< 8	< 32	< 0.56	< 0.52	< 0.52
Chloroethane	80	400	< 0.25	NA	< 1.3	NA	< 1.3	NA	NA	< 1.4	NA	< 1.4	< 0.51	< 50	< 80	< 50	< 1	< 10	< 40	< 0.66	< 0.68	< 0.68
Chloroform	0.6	6	< 0.062	NA	< 1.3	NA	< 1.3	NA	NA	< 1.2	NA	< 1.2	< 0.37	< 10	< 16	< 10	< 0.2	< 2	< 8	***3.6***	< 0.4	< 0.4
Chloromethane	3	30	< 0.50 U	NA	< 2.2	NA	< 2.2	NA	NA	< 1.6	NA	< 1.6	< 0.32	< 15	< 24	< 15	< 0.3	< 3	< 12	< 0.48	< 0.36	< 0.36
cis-1,2-Dichloroethene	7	70	< 0.11	NA	< 0.27	NA	< 0.27	NA	NA	< 0.47	NA	< 0.47	< 0.41	< 25	< 40	< 25	1.4	< 5	< 20	< 0.44	< 0.24	< 0.24
Di-isopropyl ether	NE	NE	< 0.15	NA	< 1.9	NA	< 1.9	NA	NA	< 1.1	NA	< 1.1	< 0.28	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.54	< 0.3	< 0.3
Dichlorodifluoromethane	200	1000	< 0.11	NA	< 0.50	NA	< 0.50	NA	NA	< 0.46	NA	< 0.46	< 0.67	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.52	< 0.4	< 0.4
Ethylbenzene	140	700	< 0.054	NA	< 0.22	NA	< 0.32	NA	NA	< 0.33	NA	< 0.33	< 0.18	47	< 40	26	39	35	< 20	8.7	7.5	7.9
Isopropylbenzene	NE	NE	< 0.081	NA	< 0.39	NA	< 1.7	NA	NA	< 1.0	NA	< 1.0	< 0.39 J-	54	43	32	45	40	35	23	30	32
m,p-Xylene	400	2000	< 0.057	NA	< 0.47	NA	< 0.47	NA	NA	< 0.70	NA	< 0.70	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.14	NA	< 1.2	NA	< 1.2	NA	NA	< 1.1	NA	< 1.1	< 0.39	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.56	< 0.48	< 0.48
Methylene chloride	0.5	5	< 0.35 U	NA	< 0.58	NA	< 0.58	NA	NA	< 0.32	NA	< 0.32	< 1.6	< 50	< 80	< 50	< 1	< 10	< 40	< 1.3	< 1.4	< 1.4
Naphthalene	10	100	< 0.088	NA	< 1.2	NA	< 1.2	NA	NA	< 1.1	NA	< 1.1	< 0.34	***380***	***280***	***370***	***370***	***360***	***190***	***110***	***54***	***58***
n-Butylbenzene	NE	NE	< 0.14	NA	< 0.71	NA	< 0.71	NA	NA	< 0.86	NA	< 0.86	< 0.39	12	< 16	< 10	10	7.9	< 8	< 0.42	< 0.26	< 0.26
n-Hexane	120	600	< 0.21	NA	< 1.7	NA	< 1.7	NA	NA	< 1.5	NA	< 1.5	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.10	NA	< 0.81	NA	< 0.81	NA	NA	< 0.35	NA	< 0.35	< 0.41	49	< 40	27	36	31	21	11	13	14
o-Xylene	400	2000	< 0.058	NA	< 0.26	NA	< 0.26	NA	NA	< 0.35	NA	< 0.35	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.085	NA	< 0.80	NA	< 0.80	NA	NA	< 1.0	NA	< 1.0	< 0.36	< 10	< 16	< 10	6.5	5.1	< 8	2.6	3.8	3.9
sec-Butylbenzene	NE	NE	< 0.13	NA	< 0.85	NA	< 0.85	NA	NA	< 0.42	NA	< 0.42	< 0.40	< 13	< 20	< 13	4.7	4.2	< 10	2.2	3.4	3.8
Styrene	10	100	< 0.065	NA	< 0.47	NA	< 3.0	NA	NA	< 0.36	NA	< 0.36	< 0.39	< 25	< 40	< 25	3.5	***12***	< 20	< 0.52	< 0.2	< 0.2
tert-Butylbenzene	NE	NE	< 0.12	NA	< 0.30	NA	< 0.30	NA	NA	< 0.59	NA	< 0.59	< 0.40	< 10	< 16	< 10	< 0.2	< 2	< 8	< 0.48	< 0.28	< 0.28
Tetrachloroethene	0.5	5	< 0.081	NA	< 0.33	NA	< 0.33	NA	NA	< 0.41	NA	< 0.41	< 0.37	***36***	***45***	***27***	***30***	***26***	***28***	***20***	***25***	***26***
Toluene	160	800	0.070 J	NA	< 0.17	NA	< 0.27	NA	NA	< 0.29	NA	< 0.29	< 0.15	130	100	88	120	120	58	36	30	31
trans-1,2-Dichloroethene	20	100	< 0.11	NA	< 1.1	NA	< 0.46	NA	NA	< 0.53	NA	< 0.53	< 0.35	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.54	< 0.5	< 0.5
Trichloroethene	0.5	5	< 0.062	NA	< 0.26	NA	< 0.26	NA	NA	< 0.32	NA	< 0.32	< 0.16	< 10	< 16	< 10	***4.5***	***4.5***	< 8	***3.9***	***11***	***11***
Trichlorofluoromethane	698	3490	< 0.13	NA	< 0.21	NA	< 0.21	NA	NA	< 0.42	NA	< 0.42	< 0.43	< 85	< 160	< 100	< 2	< 20	< 80	< 0.44	< 0.38	< 0.38
Vinyl chloride	0.02	0.2	< 0.16	NA	< 0.17	NA	< 0.17	NA	NA	< 0.17	NA	< 0.17	< 0.20	< 10	< 16	< 10	< 0.2	< 2	< 8	< 0.26	< 0.2	< 0.2
Xylenes, Total	400	2000	< 0.12	NA	< 1.5	NA	< 1.5	NA	NA	< 1.0	NA	< 1.0	< 0.22	***630***	320	250	***450***	***400***	130	40	40	41
Total PCBs																						
Aroclor-1016	0.003	0.03	< 0.0072	< 0.0072	< 0.0072	< 0.0072 J-	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0071	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.17	NA
Aroclor-1232	0.003	0.03	< 0.0042	< 0.0042	< 0.0042	< 0.0042 J-	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.094	NA
Aroclor-1242	0.003	0.03	< 0.013	< 0.013	< 0.013	< 0.013 J-	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA
Aroclor-1248	0.003	0.03	< 0.011	< 0.011	< 0.011	< 0.011 J-	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	NA
Total Detected PCBs	0.003	0.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Dissolved PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																						
Total Dissolved Solids (mg/L)	NE	NE	3940	4400	5010	6070	6610	9640	7260	6230	6370	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	1.2	1.8 J	2.2	4.8	3.6	6.0	5.8	1.8 J	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-6D	MW-6D[3]	MW-6D	MW-6D[3]	MW-6D	MW-6D[3]	MW-6D	MW-6D[3]	MW-6D	MW-6D[3]	MW-6D	MW-6D[3]	MW-6D	MW-6D[3]	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D[3]
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/20/2013	04/20/2013	07/18/2013	07/18/2013	10/07/2013	10/07/2013	04/17/2014	04/17/2014	10/16/2014	10/16/2014	04/14/2015	04/14/2015	10/22/2015	10/22/2015	01/22/2016	04/20/2016	07/19/2016	10/12/2016	10/12/2016
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	< 0.5	< 0.5	< 0.5	< 0.5	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.46	< 0.92	< 2.2	< 5.5	< 1.1	< 5.5	< 5.5
1,1,1-Trichloroethane	40	200	< 0.4	< 0.4	< 0.4	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.38	< 0.76	< 2.0	< 5.0	< 1.0	< 5.0	< 5.0
1,1,2-Trichloroethane	0.5	5	< 0.56	< 0.56	< 0.56	< 0.56	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.35	< 0.70	< 2.0	< 5.0	< 1.0	< 5.0	< 5.0
1,1-Dichloroethene	0.7	7	< 0.62	< 0.62	< 0.62	< 0.62	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.39	< 0.78	< 2.8	< 7.0	< 1.4	< 7.0	< 7.0
1,2,4-Trimethylbenzene	96	480	11	6.1	16	17	41	38	9.7	8.9	13	13	4.0	4.2	6.9	6.6	9.0 J	15 J	57	***100***	***110***
1,2-Dibromoethane	0.005	0.05	< 0.72	< 0.72	< 0.72	< 0.72	< 0.36	< 0.36	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.39	< 0.77	< 2.6	< 6.5	< 1.3	< 6.5	< 6.5
1,2-Dichlorobenzene	60	600	< 0.54	< 0.54	< 0.54	< 0.54	< 0.27	< 0.27	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.33	< 0.67	< 1.5	< 3.8	< 0.76	< 3.8	< 3.8
1,2-Dichloroethane	0.5	5	< 0.56	< 0.56	< 0.56	< 0.56	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.39	< 0.78	< 1.6	< 3.9	< 0.78	< 3.9	< 3.9
1,2-Dichloropropane	0.5	5	***1.9 J***	***1.7 J***	< 0.4	< 0.4	< 0.2	< 0.2	< 0.40	***2.3***	***2.4***	< 0.40	***2.2***	< 0.40	< 0.43	< 0.86	< 2.0	< 5.0	< 1.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	NE	NE	< 0.48	< 0.48	< 0.48	< 0.48	< 0.24	< 0.24	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.46	< 0.92	< 0.90	< 2.3	< 0.45	< 2.3	< 2.3
1,2,4-Trichlorobenzene	14	70	< 0.62	< 0.62	< 0.62	< 0.62	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.34	< 0.68	< 1.5	< 3.9	< 0.77	< 3.9	< 3.9
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.36	< 0.36	< 0.36	0.71 J	< 0.18	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.25	< 0.51	< 1.5	< 3.8	< 0.75	< 3.8	< 3.8
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 60	< 150	< 30	< 150	< 150
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 19	< 48	< 9.5	< 48	< 48
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15	< 39	< 7.7	< 39	< 39
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 68	< 170	< 34	< 170	< 170
Benzene	0.5	5	***600***	***500***	***810***	***800***	***1000***	***840***	***650***	***710***	***990***	***980***	***790***	***700***	***660***	***560***	***610***	***810***	***1400***	***1600***	***1700***
Bromodichloromethane	0.06	0.6	< 0.34	< 0.34	< 0.34	< 0.34	< 0.17	< 0.17	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.37	< 0.74	< 1.5	< 3.9	< 0.77	< 3.9	< 3.9
Bromoform	0.44	4.4	< 0.56	< 0.56	< 0.56	< 0.56	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.48	< 0.97	< 1.8	< 4.4	< 0.88	< 4.4	< 4.4
Bromomethane	1	10	< 0.62	< 0.62	< 0.62	< 0.62	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.80	< 1.6	< 12	< 30	< 5.9	< 30	< 30
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.1	< 2.7	< 0.53	8.5 J	< 2.7
Carbon tetrachloride	0.5	5	< 0.52	< 0.52	< 0.52	< 0.52	< 0.26	< 0.26	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.38	< 0.77	< 0.76	< 1.9	< 0.38	< 1.9	< 1.9
Chloroethane	80	400	< 0.68	< 0.68	< 0.68	< 0.68	< 0.34	< 0.34	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.47	< 0.94	< 5.0	< 13	< 2.5	< 13	< 13
Chloroform	0.6	6	< 0.4	< 0.4	< 0.4	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.37	< 0.74	< 1.2	***5.5 BJ***	< 0.62	< 3.1	< 3.1
Chloromethane	3	30	< 0.36	< 0.36	< 0.36	< 0.36	< 0.18	< 0.18	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.32	< 0.64	< 3.2	< 8.0	< 1.6	***45 BJ***	***47 J***
cis-1,2-Dichloroethene	7	70	< 0.24	< 0.24	< 0.24	< 0.24	0.89 J	< 0.12	2.8	2.5	2.4	2.2	2.9	3.4	3.1	3.2	3.6 J	< 5.5	3.8 J	< 5.5	< 5.5
Di-isopropyl ether	NE	NE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.15	< 0.15	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.28	< 0.55	< 3.0	< 7.5	< 1.5	< 7.5	< 7.5
Dichlorodifluoromethane	200	1000	< 0.4	< 0.4	< 0.4	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.54	< 1.1	< 2.2	< 5.5	< 1.1	< 5.5	< 5.5
Ethylbenzene	140	700	3.5	2.8	7.1	7.9	8.1	7.5	6.7	6.3	8.0	7.2	3.3	3.5	4.7	4.5	4.0 J	6.0 J	11	18 J	20 J
Isopropylbenzene	NE	NE	16	12	27	30	29	27	22	21	24	20	13	13	17	16	5.8 J	22 J	31	31	28
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.2 J	22 J	98	140	130
Methyl tert-butyl ether	12	60	< 0.48	< 0.48	< 0.48	< 0.48	< 0.24	< 0.24	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.39	< 0.79	< 2.8	< 7.0	< 1.4	< 7.0	< 7.0
Methylene chloride	0.5	5	< 1.4	< 1.4	< 1.4	< 1.4	< 0.68	< 0.68	< 1.4	< 1.4	***76***	***61***	< 1.4	< 1.4	< 1.6	< 3.3	< 2.8	< 7.0	***51***	< 7.0	< 7.0
Naphthalene	10	100	3.9	2.8	***50***	***64***	***72***	***71***	***12***	***10***	***18***	***15***	< 0.32	< 0.32	2.9	2.6	< 1.8	7.0 BJ	***67***	***110 J***	***110 J***
n-Butylbenzene	NE	NE	< 0.26	< 0.26	5.0	6.3	< 0.13	4.3	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.39	< 0.78	< 2.8	< 7.0	5.5	< 7.0	< 7.0
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.2	< 11	< 2.1	< 11	< 11
n-Propylbenzene	NE	NE	5.4	3.6	12	13	14	13	9.2	8.6	7.9	7.5	3.8	4.0	5.5	5.5	2.6 J	10 J	17	20 J	19 J
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.6 J	< 2.9	5.3	8.0 J	6.5 J
p-Isopropyltoluene	NE	NE	1.7 J	1.2 J	3.2	3.6	3.4	< 0.17	2.7	2.5	2.5	2.2	< 0.34	< 0.34	< 0.36	< 0.72	< 1.7	< 4.3	3.6 J	< 4.3	< 4.3
sec-Butylbenzene	NE	NE	2.0	1.3 J	3.2	3.6	3.2	3.0	3.0	2.8	2.8	2.3	< 0.30	< 0.30	2.3	2.3	< 2.6	< 6.5	3.4 J	< 6.5	< 6.5
Styrene	10	100	< 0.2	< 0.2	< 0.2	< 0.2	1.0	< 0.1	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.39	< 0.77	< 1.3	< 3.3	1.7 J	< 3.3	< 3.3
tert-Butylbenzene	NE	NE	< 0.28	< 0.28	< 0.28	< 0.28	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.40	< 0.80	< 2.4	< 6.0	< 1.2	< 6.0	< 6.0
Tetrachloroethene	0.5	5	***22***	***17***	***23***	***25***	***17***	***16***	***10***	***8.9***	***4***	***3.1***	< 0.34	< 0.34	***0.97 J***	***1.6 J***	***1.8 J***	< 4.1	***2.7 J***	***7.0 J***	***9.0 J***
Toluene	160	800	9.4	7.8	24	27	38	35	25	24	26	27	17	17	22	22	13	23 J	65	90	95
trans-1,2-Dichloroethene	20	100	< 0.5	< 0.5	< 0.5	< 0.5	< 0.25	< 0.25	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.35	< 0.70	< 2.2	< 5.5	< 1.1	< 5.5	< 5.5
Trichloroethene	0.5	5	***13***	***11***	***12***	< 0.38	***18***	***17***	***24***	***23***	***31***	***28***	***21***	***22***	***19***	***18***	***8.4 J***	***24 J***	***25***	***24 J***	***22 J***
Trichlorofluoromethane	698	3490	< 0.38	< 0.38	< 0.38	< 0.38	< 0.19	< 0.19	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 10	< 25	< 5.0	< 25	< 25
Vinyl chloride	0.02	0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.1	< 0.1	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.41	< 3.2	< 8.0	< 1.6	< 8.0	< 8.0
Xylenes, Total	400	2000	12	8.3	34	39	63	58	16	15	25	24	8.6	9.1	16	16	10.8	22	103.3	148	136.5
Total PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																					
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-6D	MW-6D[3]	MW-6D	MW-6D[3]	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D[3]	MW-6D	MW-6D	MW-6D[3]	MW-6D	MW-6D[(5)]	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D[3]	MW-6D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft	65.5 - 70.5 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	1/20/2017	1/20/2017	04/11/2017	04/11/2017	10/09/2017	04/04/2018	10/15/2018	04/11/2019	04/11/2019	10/11/2019	10/15/2020	10/15/2020	04/15/2021	04/15/2021	10/14/2021	04/25/2022	10/21/2022	4/13/2023	4/13/2023	10/12/2023
VOCs																						
1,1,1,2-Tetrachloroethane	7	70	< 11	< 5.5	< 11	< 1.1	< 5.5	< 0.11	< 5.5	< 6.7	< 6.7	< 6.7	< 2.7	< 2.7	< 3.6	< 1.4	< 3.6	< 3.6	< 0.36	< 2.3	< 2.3	< 0.46
1,1,1-Trichloroethane	40	200	< 10	< 5.0	< 10	< 1.0	< 5	< 0.10	< 5.0	< 6.1	< 6.1	< 6.1	< 2.4	< 2.4	< 3.0	< 1.2	< 3.0	< 3.0	< 0.30	< 1.9	< 1.9	< 0.38
1,1,2-Trichloroethane	0.5	5	< 10	< 5.0	< 10	< 1.0	< 5	< 0.10	< 5.0	< 13.8	< 13.8	< 13.8	< 5.5	< 5.5	< 3.4	< 1.4	< 3.4	< 3.4	< 0.34	< 1.8	< 1.8	< 0.35
1,1-Dichloroethene	0.7	7	< 14	< 7.0	< 14	< 1.4	< 7	< 0.14	< 7.0	< 6.1	< 6.1	< 6.1	< 2.4	< 2.4	< 5.8	< 2.3	< 5.8	< 5.8	< 0.58	< 2.0	< 2.0	< 0.39
1,2,4-Trimethylbenzene	96	480	***110 B***	***110***	***96***	***110***	***170***	***140***	90	57.0 J	56.3 J	43.5 J	35.8	36.5	9.9 J	10.8	4.9 J	< 4.5	2.9	6.2	6.1	2.9
1,2-Dibromoethane	0.005	0.05	< 13	< 6.5	< 13	< 1.3	< 6.5	< 0.13	< 6.5	< 20.7	< 20.7	< 20.7	< 8.3	< 8.3	< 3.1	< 1.2	< 3.1	< 3.1	< 0.31	< 1.9	< 1.9	< 0.39
1,2-Dichlorobenzene	60	600	< 7.6	< 3.8	< 7.6	< 0.76	< 3.8	< 0.076	< 3.8	< 17.6	< 17.6	< 17.6	< 7.1	< 7.1	< 3.3	< 1.3	< 3.3	< 3.3	< 0.33	< 1.7	< 1.7	< 0.33
1,2-Dichloroethane	0.5	5	< 7.8	< 3.9	< 7.8	< 0.78	< 3.9	< 0.078	< 3.9	< 7.0	< 7.0	< 7.0	< 2.8	< 2.8	< 2.9	< 1.2	< 2.9	< 2.9	< 0.29	< 2.0	< 2.0	< 0.39
1,2-Dichloropropane	0.5	5	< 10	< 5.0	< 10	< 1.0	< 5	< 0.10	< 5.0	< 7.1	< 7.1	< 7.1	< 2.8	< 2.8	< 4.5	< 1.8	< 4.5	< 4.5	< 0.45	< 2.1	< 2.1	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 4.5	< 2.3	< 4.5	< 0.45	< 2.3	< 0.045	< 2.3	< 15.6	< 15.6	< 15.6	< 22.1	< 22.1	< 10.2	< 4.1	< 10.2	< 10.2	< 1.0	< 2.3	< 2.3	< 0.46
1,2,4-Trichlorobenzene	14	70	< 7.7	< 3.9	< 7.7	< 0.77	< 3.9	< 0.077	< 3.9	< 23.8	< 23.8	< 23.8	< 9.5	< 9.5	< 9.5	< 3.8	< 9.5	< 9.5	< 0.95	< 1.7	< 1.7	< 0.34
1,3,5-Trimethylbenzene	96	480	< 7.5	< 3.8	< 7.5	< 0.75	< 3.8	2.1	< 3.8	< 21.8	< 21.8	< 21.8	< 8.7	< 8.7	< 3.6	< 1.4	< 3.6	< 3.6	< 0.36	4.1 J	< 1.3	< 0.25
2-Butanone	800	4000	< 300	< 150	< 300	< 30	< 150	< 3.0	< 150 J	< 73.4	< 73.4	< 73.4	< 29.4	< 29.4	< 65.2	< 26.1	< 65.2	< 65.2	< 6.5	< 11 UJ	< 11 UJ	< 2.1
2-Hexanone	NE	NE	< 95	< 48	< 95	< 9.5	< 48	< 0.95	< 48	< 61.4	< 61.4	< 61.4	< 52.1	< 52.1	< 62.8	< 25.1	< 62.8	< 62.8	< 6.3	< 7.8 UJ	< 7.8 UJ	< 1.6
4-Methyl-2-pentanone	50	500	< 77	< 39	< 77	< 7.7	< 39	< 0.77	< 39	< 38.3	< 38.3	< 38.3	< 46.4	< 46.4	< 59.5	< 23.8	< 59.5	< 59.5	< 6.0	< 11 UJ	< 11 UJ	< 2.2
Acetone	1800	9000	< 340	< 170	< 340	< 34	< 170	20	< 170	119 J	197 J	< 68.5 U	74.3 J	< 27.4	< 86.4	< 34.6	104 J	< 86.4	< 8.6	23 J	17 J	< 1.7
Benzene	0.5	5	***2100***	***2200***	***1700***	***1700***	***2000***	***2200***	***1500***	***1210***	***1280***	***1180***	***632***	***641***	***432***	***423***	***343***	***183***	***246***	***370***	***380***	***340***
Bromodichloromethane	0.06	0.6	< 7.7	< 3.9	< 7.7	< 0.77	< 3.9	< 0.077	< 3.9	< 9.1	< 9.1	< 9.1	< 3.6	< 3.6	< 4.2	< 1.7	< 4.2	< 4.2	< 0.42	< 1.9	< 1.9	< 0.37
Bromoform	0.44	4.4	< 8.8	< 4.4	< 8.8	< 0.88	< 4.4	< 0.088	< 4.4	< 99.3	< 99.3	< 99.3	< 39.7	< 39.7	< 38.0	< 15.2	< 38.0	< 38.0	< 3.8	< 2.4	< 2.4	< 0.48
Bromomethane	1	10	< 59	< 30	< 59	< 5.9	< 30	< 0.59	< 30	< 24.3	< 24.3	< 24.3	< 9.7	< 9.7	< 11.9	< 4.8	< 11.9	< 11.9	< 1.2	< 4.0 UJ	< 4.0 UJ	< 0.80
Carbon disulfide	200	1000	< 5.3	< 2.7	< 5.3	< 0.53	< 2.7	< 0.053	< 2.7	< 9.4	< 9.4	< 9.4	< 4.5	< 4.5	< 11.0	< 4.4	< 11.0	< 11.0	< 1.1	< 2.2	< 2.2	< 0.45
Carbon tetrachloride	0.5	5	< 3.8	< 1.9	< 3.8	< 0.38	< 1.9	< 0.038	< 1.9	< 4.1	< 4.1	< 4.1	< 10.8	< 10.8	< 3.7	< 1.5	< 3.7	< 3.7	< 0.37	< 1.9	< 1.9	< 0.38
Chloroethane	80	400	< 25	< 13	< 25	< 2.5	< 13	< 0.25	< 13	< 33.6	< 33.6	< 33.6	< 13.4	< 13.4	< 13.8	< 5.5	< 13.8	< 13.8	< 1.4	< 2.5	< 2.5	< 0.51
Chloroform	0.6	6	< 6.2	< 3.1	< 6.2	< 0.62	< 3.1	< 0.062	< 3.1	< 31.8	< 31.8	< 31.8	< 12.7	< 12.7	< 11.8	< 4.7	< 11.8	< 11.8	***8.4***	< 1.9	< 1.9	< 0.37
Chloromethane	3	30	***28 BJ***	***9.5 BJ***	< 16	< 1.6	***19 J***	< 0.16	< 14 U	< 54.7	< 54.7	< 54.7	< 21.9	< 21.9	< 16.4	< 6.5	< 16.4	< 16.4	< 1.6	< 3.7 U	***6.3***	< 0.32
cis-1,2-Dichloroethene	7	70	< 11	< 5.5	< 11 J	***7.3 J***	< 5.5	***8.3***	***8.5 J***	< 6.8	< 6.8	***9.0 J***	***7.8 J***	***8.2 J***	***8.1 J***	***7.4***	***11.7***	***8.3 J***	***7***	***7.5***	***7.4***	< 0.41
Di-isopropyl ether	NE	NE	< 15	< 7.5	< 15	< 1.5	< 7.5	< 0.15	< 7.5	< 47.2	< 47.2	< 47.2	< 18.9	< 18.9	< 11.0	< 4.4	< 11.0	< 11.0	< 1.1	< 1.4	< 1.4	< 0.28
Dichlorodifluoromethane	200	1000	< 11	< 5.5	< 11	< 1.1	< 5.5	< 0.11	< 5.5	< 12.5	< 12.5	< 12.5	< 5.0	< 5.0	< 4.6	< 1.8	< 4.6	< 4.6	< 0.46	< 3.4	< 3.4	< 0.67
Ethylbenzene	140	700	21 J	20 J	23 J	22	36	47	34	32.0	38.1	21.7 J	8.0 J	7.4 J	3.4 J	3.7 J	< 3.3	< 3.3	2.8	7.7	6.8	14
Isopropylbenzene	NE	NE	29 BJ	31	33 J	34	33	30	17 J	15.3 J	16.8 J	16.3 J	20.4 J	20.9 J	15.0 J	14.9 J	16.0 J	10.7 J	19.6	26	24	19 J-
m,p-Xylene	400	2000	110 B	110 B	73 J	80	140	55	53	44.2 J	43.4 J	18.4 J	8.8 J	7.7 J	< 7.0	3.6 J	< 7.0	< 7.0	6.7	10	9.6	8.1
Methyl tert-butyl ether	12	60	< 14	< 7.0	< 14	< 1.4	< 7	< 0.14	< 7.0 J	< 31.1	< 31.1	< 31.1	< 12.5	< 12.5	< 11.3	< 4.5	< 11.3	< 11.3	< 1.1	< 2.0	< 2.0	< 0.39
Methylene chloride	0.5	5	< 14	< 7.0	< 14	< 1.4	< 7	< 0.14	< 7.0 J+	< 14.5	< 14.5	< 14.5	< 5.8	< 5.8	< 3.2	< 1.3	< 3.2	< 3.2	< 0.32	< 8.2	< 8.2	< 1.6
Naphthalene	10	100	***140 BJ***	***140 J***	***81 J***	***110 J***	***140 BJ***	***65***	< 41 U	< 29.4	< 29.4	< 29.4	< 11.8	< 11.8	< 11.3	< 4.5	< 11.3	< 11.3	1.5 J	3.0 J	2.8 J	5.0
n-Butylbenzene	NE	NE	< 14	< 7.0	< 14 J	6.3 J	< 7	4.2	< 7.0	< 17.7	< 17.7	< 17.7	< 7.1	< 7.1	< 8.6	< 3.4	< 8.6	< 8.6	1.7	< 1.9	< 1.9	< 0.39
n-Hexane	120	600	< 21	< 11	< 21	< 2.1	< 11	< 0.21	< 11	< 42.7	< 42.7	< 42.7	< 17.1	< 17.1	< 14.6	< 5.8	< 14.6	< 14.6	1.8 J	< 2.5	< 2.5	< 0.49 UJ
n-Propylbenzene	NE	NE	23 J	21 J	24 J	24	28	30	16 J	< 20.3	< 20.3	< 20.3	10.9 J	11.2 J	6.2 J	5.7	4.9 J	< 3.5	5.1	8.9	8.0	7.4
o-Xylene	400	2000	13 BJ	11 BJ	9.0 J	8.7	9.5 J	6.8	3.0 J	< 6.5	< 6.5	< 6.5	< 2.6	< 2.6	< 3.5	< 1.4	< 3.5	< 3.5	0.50 J	< 1.1	< 1.1	0.59
p-Isopropyltoluene	NE	NE	< 8.5	< 4.3	< 8.5	< 0.85	< 4.3	3.7	< 4.3	< 20.0	< 20.0	< 20.0	< 8.0	< 8.0	< 10.4	< 4.2	< 10.4	< 10.4	< 1.0	5.3	5.0	1.5
sec-Butylbenzene	NE	NE	< 13	< 6.5	< 13	< 1.3	< 6.5	3.8	< 6.5	< 21.2	< 21.2	< 21.2	< 8.5	< 8.5	< 4.2	2.1 J	< 4.2	< 4.2	2.6	3.4 J	2.7 J	2.7
Styrene	10	100	< 6.5	< 3.3	< 6.5	< 0.65	6 J	< 0.065	< 3.3	< 11.6	< 11.6	< 11.6	< 30.1	< 30.1	< 3.6	< 1.4	< 3.6	< 3.6	0.52 J	4.6 J	4.6 J	0.91 J
tert-Butylbenzene	NE	NE	< 12	< 6.0	< 12	< 1.2	< 6	0.35 J	< 6.0	< 7.6	< 7.6	< 7.6	< 3.0	< 3.0	< 5.9	< 2.3	< 5.9	< 5.9	< 0.59	< 2.0	< 2.0	0.46 J
Tetrachloroethene	0.5	5	< 8.1	< 4.1	< 8.1	***0.90 J***	***9 BJ***	***0.53***	< 4.1	< 8.2	< 8.2	< 8.2	< 3.3	< 3.3	< 4.1	< 1.6	< 4.1	< 4.1	< 0.41	< 1.9	***2.1 J***	< 0.37
Toluene	160	800	120 B	110 B	100	110	140	140	92	95.5 J	93.1 J	87.7 J	38.0	37.0	20.6	20.6	16.3	6.8 J	12.0	18	17	14
trans-1,2-Dichloroethene	20	100	< 11	< 5.5	< 11 J	1.8 J	< 5.5	3.3	< 5.5	< 27.3	< 27.3	< 27.3	5.2 J	5.3 J	< 5.3	4.4	< 5.3	< 5.3	< 0.53	< 1.7	< 1.7	< 0.35
Trichloroethene	0.5	5	***23 BJ***	***20 BJ***	***23 J***	***26***	***20 J***	***15***	***20 J***	***14.4 J***	***18.3 J***	***13.9 J***	***9.0 J***	***9.4 J***	***6.9 J***	***7.6***	***11.7***	***5.3 J***	***10***	***14***	***14***	***6.3***
Trichlorofluoromethane	698	3490	< 50	< 25	< 50	< 5.0	< 25	< 0.5	< 6.5	< 5.4	< 5.4	< 5.4	< 2.1	< 2.1	< 4.2	< 1.7	< 4.2	< 4.2	< 0.42	< 2.1	< 2.1	< 0.43
Vinyl chloride	0.02	0.2	< 16	< 8.0	< 16	< 1.6	< 8	< 0.16	< 8.0	< 4.4	< 4.4	< 4.4	< 1.7	< 1.7	< 1.7	< 0.70	< 1.7	< 1.7	< 0.17	< 1.0	< 1.0	< 0.20
Xylenes, Total	400	2000	120 BJ	120 B	82 J	89	150	62	56 J	44.2 J	43.4 J	< 37.5	< 15.0	< 15.0	< 10.5	< 4.2	< 10.5	< 10.5	7.2	10	9.6	8.7
Total PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.0072	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.0042	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																						
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	13.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-9D	MW-9D	MW-9D[3]	MW-9D	MW-9D	MW-9D	MW-9D	MW-9D	MW-9D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	08/26/2011	04/10/2012	01/14/2013	04/16/2013	07/17/2013	10/03/2013	08/26/2011	04/10/2012	01/15/2013	04/16/2013	07/17/2013	10/03/2013	09/09/2011	04/11/2012	04/11/2012	01/15/2013	04/18/2013	07/18/2013	10/04/2013	04/16/2014	10/14/2014
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.31	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.26	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
1,1,2-Trichloroethane	0.5	5	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.25	< 0.3	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.5	< 0.29	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.2	< 0.22	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.2	< 0.45	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.2	< 0.21	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.36	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.25	< 0.36	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.25	< 0.22	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.2	< 0.23	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.2	< 0.12	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.2	< 0.23	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Bromoform	0.44	4.4	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.2	< 0.45	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.5	< 0.49	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.8	< 0.28	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Chloroethane	80	400	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 1	< 0.33	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.25	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
Chloromethane	3	30	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.3	< 0.24	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.5	< 0.22	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Di-isopropyl ether	NE	NE	< 0.5	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.5	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.5	< 0.27	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.26	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
Ethylbenzene	140	700	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.5	< 0.14	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.2	< 0.21	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.5	< 0.28	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
Methylene chloride	0.5	5	< 1	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 1	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 1	***9***	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Naphthalene	10	100	< 0.25	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.25	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.25	< 0.24	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 0.2	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.2	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.2	< 0.21	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.5	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.5	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.5	< 0.19	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.2	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.2	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.2	< 0.24	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 0.25	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.25	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.25	< 0.19	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Styrene	10	100	< 0.5	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5	< 0.26	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10
tert-Butylbenzene	NE	NE	< 0.2	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.2	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.2	< 0.24	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	< 0.5	< 0.22	< 0.17	< 0.17	< 0.17	< 0.17	< 0.5	< 0.22	< 0.17	< 0.17	< 0.17	< 0.17	< 0.5	< 0.22	< 0.22	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Toluene	160	800	< 0.5	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.5	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.5	< 0.15	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.5	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.5	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.5	< 0.27	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Trichloroethene	0.5	5	< 0.2	< 0.18	< 0.19	< 0.19	< 0.19	< 0.19	< 0.2	< 0.18	< 0.19	< 0.19	< 0.19	< 0.19	< 0.2	< 0.18	< 0.18	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
Trichlorofluoromethane	698	3490	< 2	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 2	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 2	< 0.22	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0
Vinyl chloride	0.02	0.2	< 0.2	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.13	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10
Xylenes, Total	400	2000	< 0.5	< 0.3	< 0.068	< 0.068	< 0.068	< 0.068	< 0.5	< 0.3	< 0.068	< 0.068	< 0.068	< 0.068	< 0.5	< 0.3	< 0.3	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-9D	MW-9D	MW-9D	MW-9D	MW-9D	MW-9D	MW-9D[3]	MW-9D	MW-9D	MW-9D	MW-9D	MW-9D[3]	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	44 - 49 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/09/2015	10/20/2015	10/13/2016	10/04/2017	10/11/2018	10/16/2019	10/16/2019	10/14/2020	10/18/2021	10/19/2022	10/12/2023	10/12/2023	09/09/2011	04/11/2012	01/15/2013	04/18/2013	07/18/2013	10/04/2013	04/16/2014	10/14/2014
VOCs																						
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36	< 0.46	< 0.46	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 0.20	< 0.38	< 0.10	< 0.1	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.38	< 0.38	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.35	< 0.10	< 0.1	< 0.10	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.35	< 0.35	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58	< 0.39	< 0.39	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.36	< 0.060	< 0.06	< 0.060	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.36	< 0.36	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31	< 0.39	< 0.39	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.33	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29	< 0.39	< 0.39	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.20	< 0.43	< 0.10	< 0.1	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.43	< 0.43	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.63	< 0.63	< 2.2	< 1.0	< 1.0	< 0.46	< 0.46	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34	< 0.34	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36	< 0.25	< 0.25	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	NA	NA	< 3.0	< 3	< 3.0	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 2.1	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	< 0.95	< 0.95	< 0.95	< 2.5	< 2.5	< 5.2	< 6.3	< 6.3	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	< 0.77	< 0.77	< 0.77	< 1.5	< 1.5	< 4.6	< 6.0	< 6.0	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	< 3.4	17 BJ	< 10 U	< 2.7	< 2.7	< 2.7	< 8.6	< 8.6	< 1.7	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30	< 0.15	< 0.15	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42	< 0.37	< 0.37	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Bromoform	0.44	4.4	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8	< 0.48	< 0.48	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2	< 0.80	< 0.80	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *
Carbon disulfide	200	1000	NA	NA	0.16 J	< 0.053	< 0.053	< 0.37	< 0.37	< 0.45	< 1.1	< 1.1	< 0.45	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.26	< 0.38	< 0.038	0.09 J	< 0.038	< 0.17	< 0.17	< 1.1	< 0.37	< 0.37	< 0.38	< 0.38	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Chloroethane	80	400	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4	< 0.51	< 0.51	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2	< 0.37	< 0.37	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
Chloromethane	3	30	< 0.18	< 0.32	0.63 BJ	***4.7***	< 0.57 U	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 0.32	< 0.32	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	< 0.12	< 0.41	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.47 J	< 0.47	< 0.41	< 0.41	***12***	***11***	***14***	***16***	***16***	***18***	***19***	***24***
Di-isopropyl ether	NE	NE	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1	< 0.28	< 0.28	< 0.5	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.20	< 0.54	< 0.11	< 0.11	0.13 J	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46	< 0.67	< 0.67	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
Ethylbenzene	140	700	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.22	< 0.22	< 0.32	< 0.33	< 0.33	< 0.18	< 0.18	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.39	< 0.39	< 1.7	< 1.0	< 1.0	< 0.39 J-	< 0.39 J-	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
m,p-Xylene	400	2000	NA	NA	< 0.057	< 0.057	< 0.057	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.2	< 1.1 J	< 1.1	< 0.39	< 0.39	7.4	9.3	***20***	10	***12***	***15***	9.6	***12***
Methylene chloride	0.5	5	< 0.68	< 1.6	< 0.14	< 0.14	< 0.56 U	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32	< 1.6	< 2.2 U	< 1	***8.8***	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Naphthalene	10	100	< 0.16	< 0.34	< 0.088	< 0.088	< 0.13 U	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 0.34	< 0.34	< 0.25	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86	< 0.39	< 0.39	< 0.2	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
n-Hexane	120	600	NA	NA	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.7	< 1.5	< 1.5	< 0.49 UJ	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.13	< 0.41	< 0.10	< 0.1	< 0.10	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35	< 0.41	< 0.41	< 0.5	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000	NA	NA	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.36	< 0.36	< 0.2	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42	< 0.40	< 0.40	< 0.25	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Styrene	10	100	< 0.10	< 0.39	< 0.065	0.08 BJ	< 0.065	< 0.47	< 0.47	< 3.0	< 0.36	< 0.36	< 0.39	< 0.39	< 0.5	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10
tert-Butylbenzene	NE	NE	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59	< 0.40	< 0.40	< 0.2	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	< 0.17	< 0.37	0.20 J	< 0.081	< 0.081	< 0.33	< 0.33	< 0.33	< 0.41	< 0.41	< 0.37	< 0.37	***29***	***10***	***26***	***28***	***30***	***34***	***26***	***41***
Toluene	160	800	< 0.11	< 0.15	< 0.053	< 0.053	0.060 J	< 0.17	< 0.17	< 0.27	< 0.29	< 0.29	< 0.15	< 0.15	< 0.5	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.35	< 0.11	< 0.11	< 0.11	< 1.1	< 1.1	< 0.46	< 0.53	< 0.53	< 0.35	< 0.35	< 0.5	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Trichloroethene	0.5	5	< 0.19	< 0.16	< 0.062	< 0.062	< 0.062	< 0.26	< 0.26	< 0.26	< 0.32	< 0.32	< 0.16	< 0.16	***5***	***3.8***	***5.5***	***6***	***6.3***	***7.4***	***6.5***	***9.6***
Trichlorofluoromethane	698	3490	< 1.0	< 1.0	< 0.50	< 0.5	0.61	< 0.21	< 0.21	0.24 J	< 0.42	1.8	< 0.43	1.6	< 2	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0
Vinyl chloride	0.02	0.2	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.20	< 0.2	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10
Xylenes, Total	400	2000	< 0.068	< 0.22	< 0.058	< 0.12	< 0.12	< 1.5	< 1.5	< 1.5	< 1.0	< 1.0	< 0.22	< 0.22	< 0.5	< 0.3	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068
Total PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																						
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2[3]	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2	MW-9D2[3]	MW-9D2	MW-9D2	MW-9D2	MW-9D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft	64 - 69 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/10/2015	10/20/2015	01/21/2016	04/20/2016	07/19/2016	10/13/2016	1/19/2017	04/12/2017	10/04/2017	04/05/2018	10/11/2018	10/11/2018	04/09/2019	10/16/2019	10/14/2020	04/14/2021	10/18/2021	10/18/2021	04/26/2022	10/19/2022	4/11/2023	10/12/2023
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.22	< 0.54	< 0.27	< 0.27	< 0.36	< 0.36	< 0.36	< 0.71	< 1.8	< 0.46	< 0.46
1,1,1-Trichloroethane	40	200	< 0.20	< 0.38	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.20	< 0.49	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.61	< 1.5	< 0.38	< 0.38
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.35	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.20	< 1.1	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.69	< 1.7	< 0.35	< 0.35
1,1-Dichloroethene	0.7	7	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.28	< 0.49	< 0.24	< 0.24	< 0.58	< 0.58	< 0.58	< 1.2	< 2.9	< 0.39	< 0.39
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.36	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.06	< 0.060	< 0.060	< 0.12	< 1.7	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	< 0.90	< 2.2	< 0.73 U	< 0.36
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.26	< 1.7	< 0.83	< 0.83	< 0.31	< 0.31	< 0.31	< 0.62	< 1.5	< 0.39	< 0.39
1,2-Dichlorobenzene	60	600	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.15	< 1.4	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.65	< 1.6	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.16	< 0.56	< 0.28	< 0.28	< 0.29	< 0.29	< 0.29	< 0.58	< 1.5	< 0.39	< 0.39
1,2-Dichloropropane	0.5	5	< 0.20	< 0.43	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.20	< 0.57	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	< 0.90	< 2.2	< 0.43	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.090	< 1.3	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	< 2.0	< 5.1	< 0.46	< 0.46
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.15	< 1.9	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 1.9	< 4.8	< 0.34	< 0.34
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.15	< 1.7	< 0.87	< 0.87	< 0.36	< 0.36	< 0.36	< 0.71	< 1.8	< 0.25	< 0.25
2-Butanone	800	4000	NA	NA	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3	< 3.0	< 3.0	< 6.0	< 5.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	< 13.0	< 32.6	< 2.1 UJ	< 2.1
2-Hexanone	NE	NE	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 1.9	< 4.9	< 2.5	< 5.2	< 6.3	< 6.3	< 6.3	< 12.6	< 31.4	< 1.6 UJ	< 1.6
4-Methyl-2-pentanone	50	500	NA	NA	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 1.5	< 3.1	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	< 11.9	< 29.8	< 2.2 UJ	< 2.2
Acetone	1800	9000	NA	NA	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	6.4 BJ	< 3.4	< 6.7 U	< 6.8	< 5.5	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	< 17.3	< 43.2	4.8 J	< 1.7
Benzene	0.5	5	< 0.074	< 0.15	0.11 J	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	0.09 J	< 0.089	0.14 J	< 0.18	< 0.49	< 0.25	< 0.25	< 0.30	< 0.30	< 0.30	< 0.59	< 1.5	0.15 J	< 0.15
Bromodichloromethane	0.06	0.6	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.15	< 0.73	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42	< 0.83	< 2.1	< 0.37	< 0.37
Bromoform	0.44	4.4	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.18	< 7.9	< 4.0	< 4.0	< 3.8	< 3.8	< 3.8	< 7.6	< 19.0	< 0.48	< 0.48
Bromomethane	1	10	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 1.2	< 1.9	< 0.97	< 0.97	< 1.2	< 1.2	< 1.2	< 2.4	< 6.0	< 0.80 UJ	< 0.80
Carbon disulfide	200	1000	NA	NA	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.11	< 0.75	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	< 2.2	< 5.5	< 0.45	< 0.45
Carbon tetrachloride	0.5	5	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.076	< 0.33	< 0.17	< 1.1	< 0.37	< 0.37	< 0.37	< 0.74	< 1.8	< 0.38	< 0.38
Chloroethane	80	400	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 2.7	< 1.3	< 1.3	< 1.4	< 1.4	< 1.4	< 2.8	< 6.9	< 0.51	< 0.51
Chloroform	0.6	6	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.12	< 2.5	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	< 2.4	< 5.9	< 0.37	< 0.37
Chloromethane	3	30	< 0.18	< 0.32	0.29 J	< 0.16	0.40 J	0.55 BJ	0.49 BJ	< 0.16	1.4 J+	< 0.16	< 0.58 U	< 0.32	< 4.4	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 3.3	< 8.2	< 1.3 U	< 0.32
cis-1,2-Dichloroethene	7	70	***26***	***32***	3.9	***34***	***31***	***35***	1.0 B	1.5	***32***	1.7	***53***	***54***	***64.1***	***50.7***	***103***	***103***	***10.5 J***	***7.1 J***	***85.1***	***85.8***	***93***	***95***
Di-isopropyl ether	NE	NE	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.30	< 3.8	< 1.9	< 1.9	< 1.1	< 1.1	< 1.1	< 2.2	< 5.5	< 0.28	< 0.28
Dichlorodifluoromethane	200	1000	< 0.20	< 0.54	< 0.11	0.36 J	0.48 J	0.46 J	< 0.11	< 0.11	0.63	< 0.11	0.62	0.78 J	< 1.0	0.60 J	< 0.50	0.48 J	< 0.46	< 0.46	< 0.91	< 2.3	< 0.67	< 0.67
Ethylbenzene	140	700	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.11	< 0.44	< 0.22	< 0.32	< 0.33	< 0.33	< 0.33	< 0.65	< 1.6	< 0.18	< 0.18
Isopropylbenzene	NE	NE	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.16	< 0.79	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 0.39	< 0.39 J-
m,p-Xylene	400	2000	NA	NA	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.11	< 0.93	< 0.47	< 0.47	< 0.70	< 0.70	< 0.70	< 1.4	< 3.5	< 0.18	< 0.18
Methyl tert-butyl ether	12	60	***17***	***24***	***18***	***21***	***28***	***29***	2.9 J+	2.4	***38***	< 0.14	***54***	***54***	***30***	***47.3***	***17.3***	***14.1***	***13.2 J***	8.4 J	10.2	***23.6 J***	7.0	6.3
Methylene chloride	0.5	5	< 0.68	< 1.6	0.17 J	< 0.14	< 0.14	< 0.14	***1.4 BJ***	< 0.14	< 0.14	< 0.14	< 0.29 U	< 0.28	< 1.2	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	< 0.64	< 1.6	< 1.6	< 2.4 U
Naphthalene	10	100	< 0.16	< 0.34	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.18	< 2.4	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 2.3	< 5.6	< 0.34	< 0.34
n-Butylbenzene	NE	NE	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.28	< 1.4	< 0.71	< 0.71	< 0.86	< 0.86	< 0.86	< 1.7	< 4.3	< 0.39	< 0.39
n-Hexane	120	600	NA	NA	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.42	< 3.4	< 1.7	< 1.7	< 1.5	< 1.5	< 1.5	< 2.9	< 7.3	< 0.49	< 0.49 UJ
n-Propylbenzene	NE	NE	< 0.13	< 0.41	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.20	< 1.6	< 0.81	< 0.81	< 0.35	< 0.35	< 0.35	< 0.69	< 1.7	< 0.41	< 0.41
o-Xylene	400	2000	NA	NA	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.12	< 0.52	< 0.26	< 0.26	< 0.35	< 0.35	< 0.35	< 0.70	< 1.7	< 0.22	< 0.22
p-Isopropyltoluene	NE	NE	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.17	< 1.6	< 0.80	< 0.80	< 1.0	< 1.0	< 1.0	< 2.1	< 5.2	< 0.36	< 0.36
sec-Butylbenzene	NE	NE	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.26	< 1.7	< 0.85	< 0.85	< 0.42	< 0.42	< 0.42	< 0.85	< 2.1	< 0.40	< 0.40
Styrene	10	100	< 0.10	< 0.39	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	< 0.065	0.08 BJ	< 0.065	< 0.065	< 0.13	< 0.93	< 0.47	< 3.0	< 0.36	< 0.36	< 0.36	< 0.71	< 1.8	< 0.39	< 0.39
tert-Butylbenzene	NE	NE	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.24	< 0.61	< 0.30	< 0.30	< 0.59	< 0.59	< 0.59	< 1.2	< 2.9	< 0.40	< 0.40
Tetrachloroethene	0.5	5	***37***	***41***	***11***	***58***	***44***	***61***	***2.6 B***	***5.5***	***49***	***5.9***	***74***	***78***	***98.5***	***71.1***	***257***	***262***	***36.7***	***30.3***	***234***	***231***	***270***	***300***
Toluene	160	800	< 0.11	< 0.15	< 0.053	< 0.053	< 0.053	< 0.053	0.15 BJ	< 0.053	< 0.053	< 0.053	< 0.053	< 0.11	< 0.34	< 0.17	< 0.27	< 0.29	< 0.29	< 0.29	< 0.58	< 1.4	< 0.15	< 0.15
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.35	< 0.11	0.61	0.58	0.64	< 0.11	< 0.11	0.65	0.14 J+	0.90	0.96 J	< 2.2	< 1.1	1.4 J	1.5	< 0.53	< 0.53	1.6 J	< 2.6	1.6	< 0.35
Trichloroethene	0.5	5	***9.5***	***11***	***2.8***	***13***	***13***	***16***	***0.95 B***	***1.7***	***14***	***1.6***	***19***	***21***	***25.8***	***19.9***	***53.4***	***54.6***	***9.3***	***7.7***	***43.7***	***41.3***	***63***	***53***
Trichlorofluoromethane	698	3490	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.13	< 0.26	< 0.43	< 0.21	< 0.21	< 0.42	< 0.42	< 0.42	< 0.84	< 2.1	< 0.43	< 0.43
Vinyl chloride	0.02	0.2	< 0.10	< 0.20	< 0.16	< 0.16	***0.17 J***	< 0.16	< 0.16	< 0.16	***0.59***	< 0.16	***1.4 J+***	***2.0 J+***	***1.7 J***	***0.95 J***	***3.2***	***3.9***	< 0.17	< 0.17	***3***	***1.8 J***	***2.2***	***0.91 J***
Xylenes, Total	400	2000	< 0.068	< 0.22	< 0.058	< 0.058	< 0.058	< 0.058	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.23	< 3.0	< 1.5	< 1.5	< 1.0	< 1.0	< 1.0	< 2.1	< 5.2	< 0.22	< 0.22
Total PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-12S	MW-12S
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	11 - 21 ft	11 - 21 ft	11 - 21 ft	11 - 21 ft	11 - 21 ft	11 - 21 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	3 - 13 ft	3 - 13 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/10/2012	05/09/2012	01/15/2013	04/17/2013	07/17/2013	10/09/2013	04/12/2012	05/09/2012	01/15/2013	04/17/2013	07/18/2013	10/04/2013	10/09/2017	04/05/2018	10/16/2018	04/09/2019	10/15/2019	7/16/2020	10/15/2020	04/16/2021	10/18/2021	04/26/2022	04/12/2012	05/09/2012
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.31	< 0.25
1,1,1-Trichloroethane	40	200	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.26	< 0.2
1,1,2-Trichloroethane	0.5	5	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.3	< 0.28
1,1-Dichloroethene	0.7	7	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.29	< 0.31
1,2,4-Trimethylbenzene	96	480	0.76 J	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	0.55 J	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.45	< 0.36
1,2-Dichlorobenzene	60	600	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.27
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.36	< 0.2
1,2,3-Trichlorobenzene	NE	NE	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.36	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.23	< 0.18
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	< 0.074
Bromodichloromethane	0.06	0.6	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.23	< 0.17
Bromoform	0.44	4.4	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.45	< 0.28
Bromomethane	1	10	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.49	< 0.31
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.28	< 0.26
Chloroethane	80	400	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.33	< 0.34
Chloroform	0.6	6	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	< 0.2
Chloromethane	3	30	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	< 0.18
cis-1,2-Dichloroethene	7	70	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	< 0.12
Di-isopropyl ether	NE	NE	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.27	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.27	< 0.15
Dichlorodifluoromethane	200	1000	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.26	< 0.2
Ethylbenzene	140	700	0.20 J	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.14	< 0.13
Isopropylbenzene	NE	NE	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.14
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.28	< 0.24
Methylene chloride	0.5	5	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.63	< 0.68
Naphthalene	10	100	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	< 0.16
n-Butylbenzene	NE	NE	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.13
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.19	< 0.13
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	< 0.17
sec-Butylbenzene	NE	NE	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.19	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.19	< 0.15
Styrene	10	100	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.26	< 0.1
tert-Butylbenzene	NE	NE	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	< 0.14
Tetrachloroethene	0.5	5	< 0.22	< 0.17	***0.85 J***	< 0.17	< 0.17	< 0.17	< 0.22	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***0.78 J***	***1.7***
Toluene	160	800	0.54	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.73	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.64	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.27	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.27	< 0.25
Trichloroethene	0.5	5	< 0.18	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.18	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18	0.26 J
Trichlorofluoromethane	698	3490	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.22	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.22	< 0.19
Vinyl chloride	0.02	0.2	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.13	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	< 0.1
Xylenes, Total	400	2000	0.83 J	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	0.86 J	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.6	< 0.068
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.035	< 0.035	< 0.0072	< 0.0072	< 0.0072	< 0.0071 J-	< 0.0072	< 0.0072	< 0.0072	< 0.0072	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.037	< 0.037	< 0.0042	< 0.0042	< 0.0042	< 0.0042 J-	< 0.0042	< 0.0042	< 0.0042	< 0.0042	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.038	< 0.038	< 0.013	< 0.013	< 0.013	< 0.013 J-	< 0.013	< 0.013	< 0.013	< 0.013	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.020	< 0.011	< 0.011	< 0.011	< 0.011 J-	< 0.011	< 0.011	< 0.011	< 0.011	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1960	1650	1810	1460	1370	1190	1010	1010	954	1080	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 1.4	1.4 J	< 0.95	8.0	1.0 J	2.0	< 0.95	< 0.95	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-12S	MW-12S	MW-12S	MW-12S	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	3 - 13 ft	3 - 13 ft	3 - 13 ft	3 - 13 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	44 - 48 ft	67 - 71 ft	67 - 71 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	01/16/2013	04/17/2013	07/18/2013	10/04/2013	12/06/2012	01/19/2013	02/21/2013	04/17/2013	07/22/2013	10/07/2013	04/16/2014	10/14/2014	04/14/2015	10/16/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/12/2020	10/11/2021	10/18/2022	10/10/2023	12/06/2012	01/19/2013
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.5	< 0.25	< 0.25	0.50	< 0.50	< 0.50	< 0.46	< 1.1	< 0.44	< 0.11	< 0.27	< 0.27	< 0.36	< 0.89	< 0.46	< 1.3	< 1.3
1,1,1-Trichloroethane	40	200	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.40	< 0.38	< 1.0	< 0.4	< 0.10	< 0.24	< 0.24	< 0.30	< 0.76	< 0.38	< 1	< 1
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.56	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.35	< 1.0	< 0.4	< 0.10	< 0.55	< 0.55	< 0.34	< 0.86	< 0.35	< 1.4	< 1.4
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.31	< 0.31	***0.92 J***	***1.1***	***0.88 J***	< 0.62	***0.85 J***	***1.1***	***1.3 J***	< 0.62	***1.4 J***	***0.73 J***	< 1.4	< 0.56	< 0.14	< 0.24	< 0.24	< 0.58	< 1.5	< 0.39	***2.8 J***	***3.1 J***
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.28	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.36	< 0.60	< 0.24	< 0.060	< 0.84	< 0.84	< 0.45	< 1.1	< 0.36	< 0.7	< 0.7
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.72	< 0.36	< 0.36	< 0.72	< 0.72	< 0.72	< 0.39	< 1.3	< 0.52	< 0.13	< 0.83	< 0.83	< 0.31	< 0.77	< 0.39	< 1.8	< 1.8
1,2-Dichlorobenzene	60	600	0.79 J	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.54	< 0.27	< 0.27	< 0.54	< 0.54	< 0.54	< 0.33	< 0.76	< 0.3	< 0.076	< 0.71	< 0.71	< 0.33	< 0.81	< 0.33	< 1.4	< 1.4
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.56	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.39	< 0.78	< 0.31	< 0.078	< 0.28	< 0.28	< 0.29	< 0.73	< 0.39	< 1.4	< 1.4
1,2-Dichloropropane	0.5	5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.40	< 0.43	< 1.0	< 0.4	< 0.10	< 0.28	< 0.28	< 0.45	< 1.1	< 0.43	< 1	< 1
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.48	< 0.24	< 0.24	< 0.48	< 0.48	< 0.48	< 0.46	< 0.45	< 0.18	< 0.045	< 0.63	< 2.2	< 1.0	< 2.5	< 0.46	< 1.2	< 1.2
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.62	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.34	< 0.77	< 0.31	< 0.077	< 0.95	< 0.95	< 0.95	< 2.4	< 0.34	< 1.6	< 1.6
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.36	< 0.18	< 0.18	< 0.36	< 0.36	< 0.36	< 0.25	< 0.75	< 0.3	< 0.075	< 0.87	< 0.87	< 0.36	< 0.89	< 0.25	< 0.9	< 0.9
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30	< 12	< 3.0	< 2.9	< 2.9	< 6.5	< 16.3	< 2.1	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.5	< 3.8	< 0.95	< 2.5	< 5.2	< 6.3	< 15.7	< 1.6	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7.7	< 3.1	< 0.77	< 1.5	< 4.6	< 6.0	< 14.9	< 2.2	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 34	< 14	< 4.7 U	< 2.7	< 2.7	< 8.6	< 21.6	< 3.2 U	NA	NA
Benzene	0.5	5	< 0.074	< 0.074	< 0.074	< 0.074	0.34 J	0.38 J	0.32 J	0.38 J	0.34 J	0.46 J	< 0.15	< 0.15	< 0.15	< 0.15	< 0.89	< 0.36	0.090 J	< 0.25	< 0.25	< 0.30	< 0.74	< 0.15	< 0.37	***1.1 J***
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.34	< 0.17	< 0.17	< 0.34	< 0.34	< 0.34	< 0.37	< 0.77	< 0.31	< 0.077	< 0.36	< 0.36	< 0.42	< 1.0	< 0.37	< 0.85	< 0.85
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.56	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.48	< 0.88	< 0.35	< 0.088	< 4.0	< 4.0	< 3.8	< 9.5	< 0.48	< 1.4	< 1.4
Bromomethane	1	10	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.62	< 0.31	< 0.31	< 0.62	< 0.62 *	< 0.62	< 0.80	< 5.9	< 2.4	< 0.59	< 0.97	< 0.97	< 1.2	< 3.0	< 0.80	< 1.6	< 1.6
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.53	< 0.21	< 0.053	< 0.37	< 0.45	< 1.1	< 2.8	< 0.45	NA	NA
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.52	< 0.26	< 0.26	< 0.52	< 0.52	< 0.52	< 0.38	< 0.38	< 0.15	< 0.038	< 0.17	< 1.1	< 0.37	< 0.92	< 0.38	< 1.3	< 1.3
Chloroethane	80	400	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.68	< 0.34	< 0.34	< 0.68	< 0.68	< 0.68	< 0.47	< 2.5	< 1	< 0.25	< 1.3	< 1.3	< 1.4	< 3.4	< 0.51	< 1.7	< 1.7
Chloroform	0.6	6	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.40	< 0.37	< 0.62	< 0.25	< 0.46 U	< 1.3	< 1.3	< 1.2	< 3.0	0.52 J	< 1	< 1
Chloromethane	3	30	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.36	< 0.18	< 0.18	< 0.36	< 0.36	< 0.36	< 0.32	***4.3 BJ***	< 0.64	< 0.16	< 2.2	< 2.2	< 1.6	< 4.1	< 0.32	< 0.9	< 0.9
cis-1,2-Dichloroethene	7	70	< 0.12	< 0.12	< 0.12	< 0.12	***540***	***450***	***460***	***460***	***430***	***480***	***450***	***440***	***360***	***220***	***97***	***50***	***26***	***17.5***	***10.9***	***18.4***	***28***	***40***	***3500***	***3100***
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.3	< 0.15	< 0.15	< 0.30	< 0.30	< 0.30	< 0.28	< 1.5	< 0.6	< 0.15	< 1.9	< 1.9	< 1.1	< 2.8	< 0.28	< 0.75	< 0.75
Dichlorodifluoromethane	200	1000	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.40	< 0.54	< 1.1	< 0.44	< 0.11	< 0.50	< 0.50	< 0.46	< 1.1	< 0.67	< 1	< 1
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.26	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.18	< 0.54	< 0.22	< 0.054	< 0.22	< 0.32	< 0.33	< 0.81	< 0.18	< 0.65	< 0.65
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.28	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.39	< 0.81	< 0.32	< 0.081	< 0.39	< 1.7	< 1.0	< 2.5	< 0.39 J-	< 0.7	< 0.7
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.57	< 0.23	< 0.057	< 0.47	< 0.47	< 0.70	< 1.8	< 0.18	NA	NA
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.48	< 0.24	< 0.24	< 0.48	< 0.48	< 0.48	< 0.39	< 1.4	< 0.56	< 0.14	< 1.2	< 1.2	< 1.1	< 2.8	< 0.39	< 1.2	< 1.2
Methylene chloride	0.5	5	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.4	< 0.68	< 0.68	< 1.4	< 1.4	< 1.4	< 1.6	< 1.4	< 0.56	< 0.43 U	< 0.58	< 0.58	< 0.32	< 0.80	< 1.7 U	< 3.4	< 3.4
Naphthalene	10	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.32	< 0.16	< 0.16	< 0.32	< 0.32	< 0.32	< 0.34	< 0.88	< 0.35	< 0.088	< 1.2	< 1.2	< 1.1	< 2.8	< 0.34	< 0.8	< 0.8
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.26	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.39	< 1.4	< 0.56	< 0.14	< 0.71	< 0.71	< 0.86	< 2.1	< 0.39	< 0.65	< 0.65
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.1	< 0.84	< 0.21	< 1.7	< 1.7	< 1.5	< 3.7	< 0.49 UJ	NA	NA
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.26	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.41	< 1.0	< 0.4	< 0.10	< 0.81	< 0.81	< 0.35	< 0.86	< 0.41	< 0.65	< 0.65
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.58	< 0.23	< 0.058	< 0.26	< 0.26	< 0.35	< 0.87	< 0.22	NA	NA
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.34	< 0.17	< 0.17	< 0.34	< 0.34	< 0.34	< 0.36	< 0.85	< 0.34	< 0.085	< 0.80	< 0.80	< 1.0	< 2.6	< 0.36	< 0.85	< 0.85
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.3	< 0.15	< 0.15	< 0.30	< 0.30	< 0.30	< 0.40	< 1.3	< 0.52	< 0.13	< 0.85	< 0.85	< 0.42	< 1.1	< 0.40	< 0.75	< 0.75
Styrene	10	100	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1	< 0.20	< 0.20	< 0.20	< 0.39	< 0.65	< 0.26	< 0.065	< 0.47	< 3.0	< 0.36	< 0.89	< 0.39	< 0.5	< 0.5
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.28	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.40	< 1.2	< 0.48	< 0.12	< 0.30	< 0.30	< 0.59	< 1.5	< 0.40	< 0.7	< 0.7
Tetrachloroethene	0.5	5	***0.93 J***	< 0.17	***1.3***	***1.5***	***640***	***760***	***630***	***680***	***720***	***800***	***750***	***750***	***580***	***360***	***240***	***160***	***140***	***105***	***65.9***	***96.8 J+***	***194***	***160***	***3800***	***4300***
Toluene	160	800	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.22	< 0.11	< 0.11	< 0.22	< 0.22	< 0.22	< 0.15	< 0.53	< 0.21	< 0.053	< 0.17	< 0.27	< 0.29	< 0.72	< 0.15	< 0.55	< 0.55
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.25	< 0.25	7.3	6.7	6.1	6.9	6.9	8.4	8.5	7.7	8.4	4.0	< 1.1	0.68 J	0.39 J	< 1.1	< 0.46	< 0.53	< 1.3	0.77 J	***60***	***56***
Trichloroethene	0.5	5	< 0.19	< 0.19	< 0.19	< 0.19	***230***	***200***	***220***	***230***	***220***	***290***	***300***	***260***	***320***	***170***	***93***	***59***	***45***	***24.2***	***16.5***	***20.9***	***38.7***	***41***	***1100***	***1000***
Trichlorofluoromethane	698	3490	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.38	< 0.19	< 0.19	< 2.0	< 2.0	< 2.0	< 1.0	< 5.0	< 2	< 0.13	< 0.21	< 0.21	< 0.42	< 1.0	< 0.43	< 0.95	< 0.95
Vinyl chloride	0.02	0.2	< 0.1	< 0.1	< 0.1	< 0.1	***15***	***17***	***17***	***13***	***13***	***17***	***14***	***16***	***16***	***8.6***	***3.7 J***	***1.5 J***	***0.47 J+***	< 0.17	< 0.17	< 0.17	< 0.44	***0.60 J***	***150***	***180***
Xylenes, Total	400	2000	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.14	< 0.068	< 0.068	< 0.14	< 0.14	< 0.14	< 0.22	< 0.58	< 0.46	< 0.12	< 1.5	< 1.5	< 1.0	< 2.6	< 0.22	< 0.34	< 0.34
Total PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	< 0.085	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.085	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.1	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	1400	1400	1400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1100	1100
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13[3]	MP-13	MP-13[3]	MP-13	MP-13[3]
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	67 - 71 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	02/21/2013	04/17/2013	07/22/2013	10/07/2013	04/16/2014	10/14/2014	04/14/2015	10/16/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/12/2020	10/11/2021	10/18/2022	10/10/2023	12/06/2012	12/12/2012	01/19/2013	01/19/2013	02/21/2013	02/21/2013	04/17/2013	04/17/2013
VOCs																										
1,1,1,2-Tetrachloroethane	7	70	< 1.3	< 2.5	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.92	< 1.1	< 0.22	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	< 0.46	< 2.5	NA	4.8 J	4.1 J	4.5 J	4.8 J	< 5	< 2.5
1,1,1-Trichloroethane	40	200	< 1	< 2	< 1	< 1	< 1.0	< 1.0	< 1.0	< 0.76	< 1.0	< 0.2	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	< 0.38	< 2	NA	< 2	< 2	< 1	< 1	< 4	< 2
1,1,2-Trichloroethane	0.5	5	< 1.4	< 2.8	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.70	< 1.0	< 0.2	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	< 0.35	< 2.8	NA	< 2.8	< 2.8	< 1.4	< 1.4	< 5.6	< 2.8
1,1-Dichloroethene	0.7	7	< 1.6	< 3.1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.78	< 1.4	< 0.28	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 0.39	< 3.1	NA	< 3.1	***4.2 J***	***4.2 J***	***3.5 J***	< 6.2	< 3.1
1,2,4-Trimethylbenzene	96	480	< 0.7	< 1.4	< 0.7	< 0.7	< 0.70	< 0.70	< 0.70	< 0.72	< 0.60	< 0.12	< 0.060	< 0.84	< 0.84	< 0.45	< 0.45	< 0.36	< 1.4	NA	< 1.4	< 1.4	< 0.7	< 0.7	< 2.8	< 1.4
1,2-Dibromoethane	0.005	0.05	< 1.8	< 3.6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 0.77	< 1.3	< 0.26	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	< 0.39	< 3.6	NA	< 3.6	< 3.6	< 1.8	< 1.8	< 7.2	< 3.6
1,2-Dichlorobenzene	60	600	< 1.4	< 2.7	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.67	< 0.76	< 0.15	< 0.076	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 2.7	NA	< 2.7	< 2.7	< 1.4	< 1.4	< 5.4	< 2.7
1,2-Dichloroethane	0.5	5	< 1.4	< 2.8	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.78	< 0.78	< 0.16	< 0.078	< 0.28	< 0.28	< 0.29	< 0.29	< 0.39	< 2.8	NA	< 2.8	< 2.8	< 1.4	< 1.4	< 5.6	< 2.8
1,2-Dichloropropane	0.5	5	< 1	< 2	< 1	< 1	< 1.0	< 1.0	< 1.0	< 0.86	< 1.0	< 0.2	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	< 0.43	< 2	NA	< 2	< 2	< 1	< 1	< 4	< 2
1,2,3-Trichlorobenzene	NE	NE	< 1.2	< 2.4	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.92	< 0.45	< 0.09	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	< 0.46	< 2.4	NA	< 2.4	< 2.4	< 1.2	< 1.2	< 4.8	< 2.4
1,2,4-Trichlorobenzene	14	70	< 1.6	< 3.1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.68	< 0.77	< 0.15	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34	< 3.1	NA	< 3.1	< 3.1	< 1.6	< 1.6	< 6.2	< 3.1
1,3,5-Trimethylbenzene	96	480	< 0.9	< 1.8	< 0.9	< 0.9	< 0.90	< 0.90	< 0.90	< 0.51	< 0.75	< 0.15	< 0.075	< 0.87	< 0.87	< 0.36	< 0.36	< 0.25	< 1.8	NA	< 1.8	< 1.8	< 0.9	< 0.9	< 3.6	< 1.8
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	< 30	< 6	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	< 9.5	< 1.9	< 0.95	< 2.5	< 5.2	< 6.3	< 6.3	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	< 7.7	< 1.5	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	< 34	< 6.8	< 3.4	< 2.7	< 2.7	< 8.6	< 8.6	< 4.4 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.37	< 0.74	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.29	< 0.89	< 0.18	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	< 0.15	< 0.74	NA	< 0.74	< 0.74	< 0.37	< 0.37	< 1.5	< 0.74
Bromodichloromethane	0.06	0.6	< 0.85	< 1.7	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.74	< 0.77	< 0.15	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	< 0.37	< 1.7	NA	< 1.7	< 1.7	< 0.85	< 0.85	< 3.4	< 1.7
Bromoform	0.44	4.4	< 1.4	< 2.8	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.97	< 0.88	< 0.18	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	< 0.48	< 2.8	NA	< 2.8	< 2.8	< 1.4	< 1.4	< 5.6	< 2.8
Bromomethane	1	10	< 1.6	< 3.1	< 1.6	< 1.6	< 1.6	< 1.6 *	< 1.6	< 1.6	< 5.9	< 1.2	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 0.80	< 3.1	NA	< 3.1	< 3.1	< 1.6	< 1.6	< 6.2	< 3.1
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.53	< 0.11	< 0.053	< 0.37	< 0.45	< 1.1	< 1.1	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 1.3	< 2.6	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.77	< 0.38	< 0.076	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	< 0.38	< 2.6	NA	< 2.6	< 2.6	< 1.3	< 1.3	< 5.2	< 2.6
Chloroethane	80	400	< 1.7	< 3.4	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 0.94	< 2.5	< 0.5	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	< 0.51	< 3.4	NA	< 3.4	< 3.4	< 1.7	< 1.7	< 6.8	< 3.4
Chloroform	0.6	6	< 1	< 2	< 1	< 1	< 1.0	< 1.0	< 1.0	< 0.74	< 0.62	0.18 J	< 0.65 U	***1.5 J***	< 1.3	< 1.2	< 1.2	< 0.37	< 2	NA	< 2	< 2	< 1	< 1	< 4	< 2
Chloromethane	3	30	< 0.9	< 1.8	< 0.9	< 0.9	< 0.90	< 0.90	< 0.90	< 0.64	***4.7 BJ***	< 0.32	< 0.16	< 2.2	< 2.2	< 1.6	< 1.6	< 0.32	< 1.8	NA	< 1.8	< 1.8	< 0.9	< 0.9	< 3.6	< 1.8
cis-1,2-Dichloroethene	7	70	***2900***	***3200***	***2300***	***1500***	***1300***	***810***	***710***	***470***	***89***	***24***	***14***	5.5	1.5	2.3	1.2	0.96 J	***1900***	NA	***1800***	***1800***	***2100***	***2300***	***2700***	***2400***
Di-isopropyl ether	NE	NE	< 0.75	< 1.5	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.55	< 1.5	< 0.3	< 0.15	< 1.9	< 1.9	< 1.1	< 1.1	< 0.28	< 1.5	NA	< 1.5	< 1.5	< 0.75	< 0.75	< 3	< 1.5
Dichlorodifluoromethane	200	1000	< 1	< 2	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	< 0.22	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	< 0.67	< 2	NA	< 2	< 2	< 1	< 1	< 4	< 2
Ethylbenzene	140	700	< 0.65	< 1.3	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.37	< 0.54	< 0.11	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.18	< 1.3	NA	< 1.3	< 1.3	< 0.65	< 0.65	< 2.6	< 1.3
Isopropylbenzene	NE	NE	< 0.7	< 1.4	< 0.7	< 0.7	< 0.70	< 0.70	< 0.70	< 0.77	< 0.81	< 0.16	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 0.39 J-	< 1.4	NA	< 1.4	< 1.4	< 0.7	< 0.7	< 2.8	< 1.4
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.57	< 0.11	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 1.2	< 2.4	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.79	< 1.4	< 0.28	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 0.39	< 2.4	NA	< 2.4	< 2.4	< 1.2	< 1.2	< 4.8	< 2.4
Methylene chloride	0.5	5	< 3.4	< 6.8	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.3	< 1.4	< 0.28	< 0.51 U	< 0.58	< 0.58	< 0.32	< 0.32	< 1.6	< 6.8	NA	< 6.8	< 6.8	< 3.4	< 3.4	< 14	< 6.8
Naphthalene	10	100	< 0.8	< 1.6	< 0.8	< 0.8	< 0.80	< 0.80	< 0.80	< 0.67	< 0.88	< 0.18	< 0.088	< 1.2	< 1.2	< 1.1	< 1.1	< 0.34	< 1.6	NA	< 1.6	< 1.6	< 0.8	< 0.8	< 3.2	< 1.6
n-Butylbenzene	NE	NE	< 0.65	< 1.3	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.78	< 1.4	< 0.28	< 0.14	< 0.71	< 0.71	< 0.86	< 0.86	< 0.39	< 1.3	NA	< 1.3	< 1.3	< 0.65	< 0.65	< 2.6	< 1.3
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	< 2.1	< 0.42	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.65	< 1.3	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.83	< 1.0	< 0.2	< 0.10	< 0.81	< 0.81	< 0.35	< 0.35	< 0.41	< 1.3	NA	< 1.3	< 1.3	< 0.65	< 0.65	< 2.6	< 1.3
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.58	< 0.12	< 0.058	< 0.26	< 0.26	< 0.35	< 0.35	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.85	< 1.7	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.72	< 0.85	< 0.17	< 0.085	< 0.80	< 0.80	< 1.0	< 1.0	< 0.36	< 1.7	NA	< 1.7	< 1.7	< 0.85	< 0.85	< 3.4	< 1.7
sec-Butylbenzene	NE	NE	< 0.75	< 1.5	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.80	< 1.3	< 0.26	< 0.13	< 0.85	< 0.85	< 0.42	< 0.42	< 0.40	< 1.5	NA	< 1.5	< 1.5	< 0.75	< 0.75	< 3	< 1.5
Styrene	10	100	< 0.5	< 1	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.77	< 0.65	< 0.13	< 0.065	< 0.47	< 3.0	< 0.36	< 0.36	< 0.39	< 1	NA	< 1	< 1	< 0.5	< 0.5	< 2	< 1
tert-Butylbenzene	NE	NE	< 0.7	< 1.4	< 0.7	< 0.7	< 0.70	< 0.70	< 0.70	< 0.80	< 1.2	< 0.24	< 0.12	< 0.30	< 0.30	< 0.59	< 0.59	< 0.40	< 1.4	NA	< 1.4	< 1.4	< 0.7	< 0.7	< 2.8	< 1.4
Tetrachloroethene	0.5	5	***2900***	***3800***	***2800***	***2000***	***1600***	***1600***	***1200***	***970***	***270***	***84***	***45***	***23.2***	***21.5***	***24.8 J+***	***24.5***	***18***	***5600***	NA	***6800***	***7400***	***7000***	***7100***	***7900***	***7000***
Toluene	160	800	< 0.55	< 1.1	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.30	< 0.53	< 0.11	0.090 J	< 0.17	< 0.27	< 0.29	< 0.29	< 0.15	< 1.1	NA	< 1.1	< 1.1	< 0.55	< 0.55	< 2.2	< 1.1
trans-1,2-Dichloroethene	20	100	***48***	***52***	***37***	***27***	***23***	12	11	< 0.70	< 1.1	0.48 J	0.26 J	< 1.1	< 0.46	< 0.53	< 0.53	< 0.35	***29***	NA	***38***	***37***	***38***	***40***	***48***	***35***
Trichloroethene	0.5	5	***800***	***940***	***630***	***510***	***440***	***260***	***270***	***180***	***55***	***18***	***8.8***	***4.3***	***3***	***3.3***	***1.9***	***1.3***	***940***	NA	***1100***	***1000***	***1100***	***1000***	***1200***	***940***
Trichlorofluoromethane	698	3490	< 0.95	< 1.9	< 0.95	< 0.95	< 5.0	< 5.0	< 5.0	< 2.0	< 5.0	< 1	< 0.13	< 0.21	< 0.21	< 0.42	< 0.42	< 0.43	< 1.9	NA	< 1.9	< 1.9	< 0.95	< 0.95	< 3.8	< 1.9
Vinyl chloride	0.02	0.2	***140***	***130***	***110***	***92***	***83***	***45***	***50***	< 0.41	***3.2 J***	***0.6 J***	***0.37 J+***	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	***64***	NA	***120***	***110***	***110***	***110***	***99***	***71***
Xylenes, Total	400	2000	< 0.34	< 0.68	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.44	< 0.58	< 0.23	< 0.12	< 1.5	< 1.5	< 1.0	< 1.0	< 0.22	< 0.68	NA	< 0.68	< 0.68	< 0.34	< 0.34	< 1.4	< 0.68
Total PCBs																										
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.083	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.099	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																										
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																										
Total Dissolved Solids (mg/L)	NE	NE	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	990	950	910	NA	980	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-13	MP-13[3]	MP-13	MP-13[3]	MP-13	MP-13[3]	MP-13	MP-13	MP-13[3]	MP-13	MP-13[3]	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	81 - 85 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	07/22/2013	07/22/2013	10/07/2013	10/07/2013	04/16/2014	04/16/2014	10/14/2014	04/14/2015	04/14/2015	10/16/2015	10/16/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/12/2020	10/11/2021	10/18/2022	10/9/2023	12/04/2012	01/18/2013	02/21/2013	04/17/2013	07/22/2013	10/07/2013
VOCs																										
1,1,1,2-Tetrachloroethane	7	70	< 2.5	< 2.5	< 1.3	< 1.3	< 2.5	< 5.0	< 2.5	< 2.5	< 2.5	< 9.2	< 9.2	< 22	< 11	< 5.5	< 0.27	< 1.3	< 0.36	< 1.4	< 0.46	< 1.3	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3
1,1,1-Trichloroethane	40	200	< 2	< 2	< 1	< 1	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 7.6	< 7.6	< 20	< 10	< 5.0	< 0.24	< 1.2	< 0.30	< 1.2	< 0.38	< 1	< 0.4	< 0.4	< 1	< 1	< 1
1,1,2-Trichloroethane	0.5	5	< 2.8	< 2.8	< 1.4	< 1.4	< 2.8	< 5.6	< 2.8	< 2.8	< 2.8	< 7.0	< 7.0	< 20	< 10	< 5.0	< 0.55	< 2.8	< 0.34	< 1.4	< 0.35	< 1.4	< 0.56	< 0.56	< 1.4	< 1.4	< 1.4
1,1-Dichloroethene	0.7	7	< 3.1	< 3.1	< 1.6	< 1.6	< 3.1	< 6.2	< 3.1	< 3.1	< 3.1	< 7.8	< 7.8	< 28	< 14	< 7.0	0.48 J	< 1.2	< 0.58	< 2.3	< 0.39	< 1.6	< 0.62	< 0.62	< 1.6	< 1.6	< 1.6
1,2,4-Trimethylbenzene	96	480	< 1.4	< 1.4	< 0.7	< 0.7	< 1.4	< 2.8	< 1.4	< 1.4	< 1.4	< 7.2	< 7.2	< 12	< 6	< 3.0	< 0.84	< 4.2	< 0.45	< 1.8	< 0.36	< 0.7	< 0.28	< 0.28	< 0.7	< 0.7	< 0.7
1,2-Dibromoethane	0.005	0.05	< 3.6	< 3.6	< 1.8	< 1.8	< 3.6	< 7.2	< 3.6	< 3.6	< 3.6	< 7.7	< 7.7	< 26	< 13	< 6.5	< 0.83	< 4.1	< 0.31	< 1.2	< 0.39	< 1.8	< 0.72	< 0.72	< 1.8	< 1.8	< 1.8
1,2-Dichlorobenzene	60	600	< 2.7	< 2.7	< 1.4	< 1.4	< 2.7	< 5.4	< 2.7	< 2.7	< 2.7	< 6.7	< 6.7	< 15	< 7.6	< 3.8	< 0.71	< 3.5	< 0.33	< 1.3	< 0.33	< 1.4	< 0.54	< 0.54	< 1.4	< 1.4	< 1.4
1,2-Dichloroethane	0.5	5	< 2.8	< 2.8	< 1.4	< 1.4	< 2.8	< 5.6	< 2.8	< 2.8	< 2.8	< 7.8	< 7.8	< 16	< 7.8	< 3.9	< 0.28	< 1.4	< 0.29	< 1.2	< 0.39	< 1.4	< 0.56	< 0.56	< 1.4	< 1.4	< 1.4
1,2-Dichloropropane	0.5	5	< 2	< 2	< 1	< 1	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 8.6	< 8.6	< 20	< 10	< 5.0	< 0.28	< 1.4	< 0.45	< 1.8	< 0.43	< 1	< 0.4	< 0.4	< 1	< 1	< 1
1,2,3-Trichlorobenzene	NE	NE	< 2.4	< 2.4	< 1.2	< 1.2	< 2.4	< 4.8	< 2.4	< 2.4	< 2.4	< 9.2	< 9.2	< 9.0	< 4.5	< 2.3	< 0.63	< 11.1	< 1.0	< 4.1	< 0.46	< 1.2	< 0.48	< 0.48	< 1.2	< 1.2	< 1.2
1,2,4-Trichlorobenzene	14	70	< 3.1	< 3.1	< 1.6	< 1.6	< 3.1	< 6.2	< 3.1	< 3.1	< 3.1	< 6.8	< 6.8	< 15	< 7.7	< 3.9	< 0.95	< 4.8	< 0.95	< 3.8	< 0.34	< 1.6	< 0.62	< 0.62	< 1.6	< 1.6	< 1.6
1,3,5-Trimethylbenzene	96	480	< 1.8	< 1.8	< 0.9	< 0.9	< 1.8	< 3.6	< 1.8	< 1.8	< 1.8	< 5.1	< 5.1	< 15	< 7.5	< 3.8	< 0.87	< 4.4	< 0.36	< 1.4	< 0.25	< 0.9	< 0.36	< 0.36	< 0.9	< 0.9	< 0.9
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 600	< 300	< 150	< 2.9	< 14.7	< 6.5	< 26.1	< 2.1	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 190	< 95	< 48	< 2.5	< 26.0	< 6.3	< 25.1	< 1.6	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 150	< 77	< 39	< 1.5	< 23.2	< 6.0	< 23.8	< 2.2	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 680	500 J	< 170	< 2.7	< 13.7	< 8.6	< 34.6	< 1.7	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.74	< 0.74	< 0.37	< 0.37	< 0.74	< 1.5	< 0.74	< 0.74	< 0.74	< 2.9	< 2.9	< 18	< 8.9	< 4.5	< 0.25	< 1.2	< 0.30	< 1.2	< 0.15	< 0.37	< 0.15	< 0.15	< 0.37	< 0.37	< 0.37
Bromodichloromethane	0.06	0.6	< 1.7	< 1.7	< 0.85	< 0.85	< 1.7	< 3.4	< 1.7	< 1.7	< 1.7	< 7.4	< 7.4	< 15	< 7.7	< 3.9	< 0.36	< 1.8	< 0.42	< 1.7	< 0.37	< 0.85	< 0.34	< 0.34	< 0.85	< 0.85	< 0.85
Bromoform	0.44	4.4	< 2.8	< 2.8	< 1.4	< 1.4	< 2.8	< 5.6	< 2.8	< 2.8	< 2.8	< 9.7	< 9.7	< 18	< 8.8	< 4.4	< 4.0	< 19.9	< 3.8	< 15.2	< 0.48	< 1.4	< 0.56	< 0.56	< 1.4	< 1.4	< 1.4
Bromomethane	1	10	< 3.1	< 3.1	< 1.6	< 1.6	< 3.1	< 6.2	< 3.1 *	< 3.1	< 3.1	< 16	< 16	< 120	< 59	< 30	< 0.97	< 4.9	< 1.2	< 4.8	< 0.80	< 1.6	< 0.62	< 0.62	< 1.6	< 1.6	< 1.6
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11	< 5.3	< 2.7	< 0.37	< 2.2	< 1.1	< 4.4	< 0.45	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 2.6	< 2.6	< 1.3	< 1.3	< 2.6	< 5.2	< 2.6	< 2.6	< 2.6	< 7.7	< 7.7	< 7.6	< 3.8	< 1.9	< 0.17	< 5.4	***0.67 J***	< 1.5	< 0.38	< 1.3	< 0.52	< 0.52	< 1.3	< 1.3	< 1.3
Chloroethane	80	400	< 3.4	< 3.4	< 1.7	< 1.7	< 3.4	< 6.8	< 3.4	< 3.4	< 3.4	< 9.4	< 9.4	< 50	< 25	< 13	< 1.3	< 6.7	< 1.4	< 5.5	< 0.51	< 1.7	< 0.68	< 0.68	< 1.7	< 1.7	< 1.7
Chloroform	0.6	6	< 2	< 2	< 1	< 1	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 7.4	< 7.4	< 12	< 6.2	< 3.1	< 1.3	< 6.4	< 1.2	< 4.7	< 0.37	< 1	< 0.4	< 0.4	< 1	< 1	< 1
Chloromethane	3	30	< 1.8	< 1.8	< 0.9	< 0.9	< 1.8	< 3.6	< 1.8	< 1.8	< 1.8	< 6.4	< 6.4	< 32	< 16	< 8.0	< 2.2	< 10.9	< 1.6	< 6.5	< 0.32	< 0.9	< 0.36	< 0.36	< 0.9	< 0.9	< 0.9
cis-1,2-Dichloroethene	7	70	***1700***	***1800***	***1200***	***1200***	***2200***	***2400***	***1700***	***1600***	***2000***	***1900***	***1800***	***930***	***670***	***240***	***259***	***156***	***153***	***156***	***190***	***1100***	***690***	***520***	***720***	***660***	***600***
Di-isopropyl ether	NE	NE	< 1.5	< 1.5	< 0.75	< 0.75	< 1.5	< 3.0	< 1.5	< 1.5	< 1.5	< 5.5	< 5.5	< 30	< 15	< 7.5	< 1.9	< 9.4	< 1.1	< 4.4	< 0.28	< 0.75	< 0.3	< 0.3	< 0.75	< 0.75	< 0.75
Dichlorodifluoromethane	200	1000	< 2	< 2	< 1	< 1	< 2.0	< 4.0	< 2.0	< 2.0	< 2.0	< 11	< 11	< 22	< 11	< 5.5	< 0.50	< 2.5	< 0.46	< 1.8	< 0.67	< 1	< 0.4	< 0.4	< 1	< 1	< 1
Ethylbenzene	140	700	< 1.3	< 1.3	< 0.65	< 0.65	< 1.3	< 2.6	< 1.3	< 1.3	< 1.3	< 3.7	< 3.7	< 11	< 5.4	< 2.7	< 0.22	< 1.6	< 0.33	< 1.3	< 0.18	< 0.65	< 0.26	< 0.26	< 0.65	< 0.65	< 0.65
Isopropylbenzene	NE	NE	< 1.4	< 1.4	< 0.7	< 0.7	< 1.4	< 2.8	< 1.4	< 1.4	< 1.4	< 7.7	< 7.7	< 16	< 8.1	< 4.1	< 0.39	< 8.4	< 1.0	< 4.0	< 0.39 J-	< 0.7	< 0.28	< 0.28	< 0.7	< 0.7	< 0.7
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 11	6 BJ	< 2.9	< 0.47	< 2.3	< 0.70	< 2.8	< 0.18	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 2.4	< 2.4	< 1.2	< 1.2	< 2.4	< 4.8	< 2.4	< 2.4	< 2.4	< 7.9	< 7.9	< 28	< 14	< 7.0	< 1.2	< 6.2	< 1.1	< 4.5	< 0.39	< 1.2	< 0.48	< 0.48	< 1.2	< 1.2	< 1.2
Methylene chloride	0.5	5	< 6.8	< 6.8	< 3.4	< 3.4	< 6.8	< 14	< 6.8	< 6.8	< 6.8	< 33	< 33	< 28	< 14	< 7.0	< 0.58	< 2.9	< 0.32	< 1.3	< 1.6 U	< 3.4	< 1.4	< 1.4	< 3.4	< 3.4	< 3.4
Naphthalene	10	100	< 1.6	< 1.6	< 0.8	< 0.8	< 1.6	< 3.2	< 1.6	< 1.6	< 1.6	< 6.7	< 6.7	< 18	< 8.8	< 4.4	< 1.2	< 5.9	< 1.1	< 4.5	< 0.34	< 0.8	< 0.32	< 0.32	< 0.8	< 0.8	< 0.8
n-Butylbenzene	NE	NE	< 1.3	< 1.3	< 0.65	< 0.65	< 1.3	< 2.6	< 1.3	< 1.3	< 1.3	< 7.8	< 7.8	< 28	< 14	< 7.0	< 0.71	< 3.5	< 0.86	< 3.4	< 0.39	< 0.65	< 0.26	< 0.26	< 0.65	< 0.65	< 0.65
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 42	< 21	< 11	< 1.7	< 8.5	< 1.5	< 5.8	< 0.49 UJ	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 1.3	< 1.3	< 0.65	< 0.65	< 1.3	< 2.6	< 1.3	< 1.3	< 1.3	< 8.3	< 8.3	< 20	< 10	< 5.0	< 0.81	< 4.1	< 0.35	< 1.4	< 0.41	< 0.65	< 0.26	< 0.26	< 0.65	< 0.65	< 0.65
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12	< 5.8	< 2.9	< 0.26	< 1.3	< 0.35	< 1.4	< 0.22	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 1.7	< 1.7	< 0.85	< 0.85	< 1.7	< 3.4	< 1.7	< 1.7	< 1.7	< 7.2	< 7.2	< 17	< 8.5	< 4.3	< 0.80	< 4.0	< 1.0	< 4.2	< 0.36	< 0.85	< 0.34	< 0.34	< 0.85	< 0.85	< 0.85
sec-Butylbenzene	NE	NE	< 1.5	< 1.5	< 0.75	< 0.75	< 1.5	< 3.0	< 1.5	< 1.5	< 1.5	< 8.0	< 8.0	< 26	< 13	< 6.5	< 0.85	< 4.2	< 0.42	< 1.7	< 0.40	< 0.75	< 0.3	< 0.3	< 0.75	< 0.75	< 0.75
Styrene	10	100	< 1	< 1	< 0.5	< 0.5	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 7.7	< 7.7	< 13	< 6.5	< 3.3	< 0.47	< 15.0	< 0.36	< 1.4	< 0.39	< 0.5	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5
tert-Butylbenzene	NE	NE	< 1.4	< 1.4	< 0.7	< 0.7	< 1.4	< 2.8	< 1.4	< 1.4	< 1.4	< 8.0	< 8.0	< 24	< 12	< 6.0	< 0.30	< 1.5	< 0.59	< 2.3	< 0.40	< 0.7	< 0.28	< 0.28	< 0.7	< 0.7	< 0.7
Tetrachloroethene	0.5	5	***6800***	***6300***	***5400***	***5200***	***7900***	***7800***	***8000***	***6700***	***11000***	***9700***	***9200***	***4800***	***3200***	***890***	***702***	***435***	***382 J+***	***344***	***550***	***1800***	***1100***	***670***	***1400***	***1500***	***1900***
Toluene	160	800	< 1.1	< 1.1	< 0.55	< 0.55	< 1.1	< 2.2	< 1.1	< 1.1	< 1.1	< 3.0	< 3.0	< 11	< 5.3	< 2.7	< 0.17	< 1.3	< 0.29	< 1.2	< 0.15	< 0.55	< 0.22	< 0.22	< 0.55	< 0.55	< 0.55
trans-1,2-Dichloroethene	20	100	***29***	***31***	19	19	***39***	***41***	***25***	***27***	***34***	< 7.0	< 7.0	< 22	12 J	< 5.5	3.2 J	< 2.3	1.5	3.3 J	2.1	15	9.5	4.8	6.6	6.0	7.0
Trichloroethene	0.5	5	***900***	***900***	***660***	***640***	***1100***	***1100***	***730***	***780***	***980***	***960***	***870***	***500***	***390***	***150***	***160***	***107***	***104***	***85.9***	***110***	***440***	***330***	***270***	***500***	***450***	***490***
Trichlorofluoromethane	698	3490	< 1.9	< 1.9	< 0.95	< 0.95	< 10	< 20	< 10	< 10	< 10	< 20	< 20	< 100	< 50	< 6.5	< 0.21	< 1.1	< 0.42	< 1.7	< 0.43	< 0.95	< 0.38	< 0.38	< 0.95	< 0.95	< 0.95
Vinyl chloride	0.02	0.2	***75***	***75***	***48***	***48***	***87***	***95***	***55***	***72***	***89***	***110***	***92***	***52 J***	***54***	***15 J+***	***9.1***	***3.9 J***	***3.9***	***3.4 J***	***3.9 J***	***33***	***23***	***13***	***20***	***19***	***20***
Xylenes, Total	400	2000	< 0.68	< 0.68	< 0.34	< 0.34	< 0.68	< 1.4	< 0.68	< 0.68	< 0.68	< 4.4	< 4.4	< 12	< 12	< 5.8	< 1.5	< 7.5	< 1.0	< 4.2	< 0.22	< 0.34	< 0.14	< 0.14	< 0.34	< 0.34	< 0.34
Total PCBs																											
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.083	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.099	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA
Dissolved PCBs																											
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																											
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1100	970	960	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13[3]	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	102 - 106 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/16/2014	10/14/2014	04/14/2015	10/16/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/12/2020	10/11/2021	10/18/2022	10/9/2023	12/04/2012	12/04/2012	01/18/2013	02/20/2013	04/17/2013	07/22/2013	10/07/2013	04/16/2014	10/14/2014	04/14/2015	10/16/2015
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 1.3	< 1.3	< 1.3	< 4.6	< 2.2	< 2.8	< 5.5	0.37 J	< 0.27	< 3.6	< 3.6	< 0.92	< 0.5	< 1.3	< 1.3	NA	< 5	< 2.5	1.1	< 5.0	< 2.5	< 2.5	< 9.2
1,1,1-Trichloroethane	40	200	< 1.0	< 1.0	< 1.0	< 3.8	< 2.0	< 2.5	< 5.0	< 0.24	< 0.24	< 3.0	< 3.0	< 0.76	< 0.4	< 1	< 1	NA	< 4	< 2	< 0.2	< 4.0	< 2.0	< 2.0	< 7.6
1,1,2-Trichloroethane	0.5	5	< 1.4	< 1.4	< 1.4	< 3.5	< 2.0	< 2.5	< 5.0	< 0.55	< 0.55	< 3.4	< 3.4	< 0.70	< 0.56	< 1.4	< 1.4	NA	< 5.6	< 2.8	< 0.28	< 5.6	< 2.8	< 2.8	< 7.0
1,1-Dichloroethene	0.7	7	< 1.6	< 1.6	< 1.6	< 3.9	< 2.8	< 3.5	< 7.0	0.48 J	< 0.24	< 5.8	< 5.8	< 0.78	< 0.62	< 1.6	< 1.6	NA	< 6.2	< 3.1	< 0.31	< 6.2	< 3.1	< 3.1	< 7.8
1,2,4-Trimethylbenzene	96	480	< 0.70	< 0.70	< 0.70	< 3.6	< 1.2	< 1.5	< 3.0	< 0.84	< 0.84	< 4.5	< 4.5	< 0.72	< 0.28	< 0.7	< 0.7	NA	< 2.8	< 1.4	< 0.14	< 2.8	< 1.4	< 1.4	< 7.2
1,2-Dibromoethane	0.005	0.05	< 1.8	< 1.8	< 1.8	< 3.9	< 2.6	< 3.3	< 6.5	< 0.83	< 0.83	< 3.1	< 3.1	< 0.77	< 0.72	< 1.8	< 1.8	NA	< 7.2	< 3.6	< 0.36	< 7.2	< 3.6	< 3.6	< 7.7
1,2-Dichlorobenzene	60	600	< 1.4	< 1.4	< 1.4	< 3.3	< 1.5	< 1.9	< 3.8	< 0.71	< 0.71	< 3.3	< 3.3	< 0.67	< 0.54	< 1.4	< 1.4	NA	< 5.4	< 2.7	< 0.27	< 5.4	< 2.7	< 2.7	< 6.7
1,2-Dichloroethane	0.5	5	< 1.4	< 1.4	< 1.4	< 3.9	< 1.6	< 2	< 3.9	***0.67 J***	***0.65 J***	< 2.9	< 2.9	< 0.78	< 0.56	< 1.4	< 1.4	NA	< 5.6	< 2.8	< 0.28	< 5.6	< 2.8	< 2.8	< 7.8
1,2-Dichloropropane	0.5	5	< 1.0	< 1.0	< 1.0	< 4.3	< 2.0	< 2.5	< 5.0	< 0.28	< 0.28	< 4.5	< 4.5	< 0.86	< 0.4	< 1	< 1	NA	< 4	< 2	< 0.2	< 4.0	< 2.0	< 2.0	< 8.6
1,2,3-Trichlorobenzene	NE	NE	< 1.2	< 1.2	< 1.2	< 4.6	< 0.90	< 1.1	< 2.3	< 0.63	< 2.2	< 10.2	< 10.2	< 0.92	< 0.48	< 1.2	< 1.2	NA	< 4.8	< 2.4	< 0.24	< 4.8	< 2.4	< 2.4	< 9.2
1,2,4-Trichlorobenzene	14	70	< 1.6	< 1.6	< 1.6	< 3.4	< 1.5	< 1.9	< 3.9	< 0.95	< 0.95	< 9.5	< 9.5	< 0.68	< 0.62	< 1.6	< 1.6	NA	< 6.2	< 3.1	< 0.31	< 6.2	< 3.1	< 3.1	< 6.8
1,3,5-Trimethylbenzene	96	480	< 0.90	< 0.90	< 0.90	< 2.5	< 1.5	< 1.9	< 3.8	< 0.87	< 0.87	< 3.6	< 3.6	< 0.51	< 0.36	< 0.9	< 0.9	NA	< 3.6	< 1.8	< 0.18	< 3.6	< 1.8	< 1.8	< 5.1
2-Butanone	800	4000	NA	NA	NA	NA	< 60	< 75	< 150	< 2.9	< 2.9	< 65.2	< 65.2	< 4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	< 19	< 24	< 48	< 2.5	< 5.2	< 62.8	< 62.8	< 3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	< 15	< 19	< 39	< 1.5	< 4.6	< 59.5	< 59.5	< 4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	< 68	< 85	< 260 U	< 2.7	< 2.7	< 86.4	< 86.4	< 7.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.37	< 0.37	< 0.37	< 1.5	< 1.8	< 2.2	< 4.5	< 0.25	< 0.25	< 3.0	< 3.0	< 0.29	< 0.15	< 0.37	< 0.37	NA	< 1.5	< 0.74	0.29 J	< 1.5	< 0.74	< 0.74	< 2.9
Bromodichloromethane	0.06	0.6	< 0.85	< 0.85	< 0.85	< 3.7	< 1.5	< 1.9	< 3.9	< 0.36	< 0.36	< 4.2	< 4.2	< 0.74	< 0.34	< 0.85	< 0.85	NA	< 3.4	< 1.7	< 0.17	< 3.4	< 1.7	< 1.7	< 7.4
Bromoform	0.44	4.4	< 1.4	< 1.4	< 1.4	< 4.8	< 1.8	< 2.2	< 4.4	< 4.0	< 4.0	< 38.0	< 38.0	< 0.97	< 0.56	< 1.4	< 1.4	NA	< 5.6	< 2.8	< 0.28	< 5.6	< 2.8	< 2.8	< 9.7
Bromomethane	1	10	< 1.6	< 1.6 *	< 1.6	< 8.0	< 12	< 15	***46 J+***	< 0.97	< 0.97	< 11.9	< 11.9	< 1.6	< 0.62	< 1.6	< 1.6	NA	< 6.2	< 3.1	< 0.31	< 6.2	< 3.1 *	< 3.1	< 16
Carbon disulfide	200	1000	NA	NA	NA	NA	< 1.1	< 1.3	< 2.7	< 0.37	< 0.45	< 11.0	< 11.0	< 0.90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 1.3	< 1.3	< 1.3	< 3.8	< 0.76	< 0.95	< 1.9	< 0.17	< 1.1	< 3.7	< 3.7	< 0.77	< 0.52	< 1.3	< 1.3	NA	< 5.2	< 2.6	< 0.26	< 5.2	< 2.6	< 2.6	< 7.7
Chloroethane	80	400	< 1.7	< 1.7	< 1.7	< 4.7	< 5.0	< 6.3	< 13	< 1.3	< 1.3	< 13.8	< 13.8	< 1.0	< 0.68	< 1.7	< 1.7	NA	< 6.8	< 3.4	< 0.34	< 6.8	< 3.4	< 3.4	< 9.4
Chloroform	0.6	6	< 1.0	< 1.0	< 1.0	< 3.7	< 1.2	< 1.6	< 3.1	< 1.3	< 1.3	< 11.8	< 11.8	< 0.74	< 0.4	< 1	< 1	NA	< 4	< 2	< 0.2	< 4.0	< 2.0	< 2.0	< 7.4
Chloromethane	3	30	< 0.90	< 0.90	< 0.90	< 3.2	***9.8 BJ***	< 4	< 14 U	< 2.2	< 2.2	< 16.4	< 16.4	< 0.64	< 0.36	< 0.9	< 0.9	NA	< 3.6	< 1.8	< 0.18	< 3.6	< 1.8	< 1.8	< 6.4
cis-1,2-Dichloroethene	7	70	***770***	***730***	***980***	***1100***	***200***	***350***	***580***	***227***	***109***	***63.7***	***50.4***	***68***	***910***	***970***	***1000***	NA	***930***	***760***	***650***	***720***	***630***	***690***	***820***
Di-isopropyl ether	NE	NE	< 0.75	< 0.75	< 0.75	< 2.8	< 3.0	< 3.8	< 7.5	< 1.9	< 1.9	< 11.0	< 11.0	< 0.55	< 0.3	< 0.75	< 0.75	NA	< 3	< 1.5	< 0.15	< 3.0	< 1.5	< 1.5	< 5.5
Dichlorodifluoromethane	200	1000	< 1.0	< 1.0	< 1.0	< 5.4	< 2.2	< 2.8	< 5.5	< 0.50	< 0.50	< 4.6	< 4.6	< 1.3	< 0.4	< 1	< 1	NA	< 4	< 2	< 0.2	< 4.0	< 2.0	< 2.0	< 11
Ethylbenzene	140	700	< 0.65	< 0.65	< 0.65	< 1.8	< 1.1	< 1.4	< 2.7	< 0.22	< 0.32	< 3.3	< 3.3	< 0.37	< 0.26	< 0.65	< 0.65	NA	< 2.6	< 1.3	< 0.13	< 2.6	< 1.3	< 1.3	< 3.7
Isopropylbenzene	NE	NE	< 0.70	< 0.70	< 0.70	< 3.9	< 1.6	< 2	< 4.1	< 0.39	< 1.7	< 10.0	< 10.0	< 0.77 J-	< 0.28	< 0.7	< 0.7	NA	< 2.8	< 1.4	< 0.14	< 2.8	< 1.4	< 1.4	< 7.7
m,p-Xylene	400	2000	NA	NA	NA	NA	< 1.1	< 1.4	< 2.9	< 0.47	< 0.47	< 7.0	< 7.0	< 0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 1.2	< 1.2	< 1.2	< 3.9	< 2.8	< 3.5	< 7.0	< 1.2	< 1.2	< 11.3	< 11.3	< 0.79	< 0.48	< 1.2	< 1.2	NA	< 4.8	< 2.4	< 0.24	< 4.8	< 2.4	< 2.4	< 7.9
Methylene chloride	0.5	5	< 3.4	< 3.4	< 3.4	< 16	< 2.8	< 3.5	< 7.0	< 0.58	< 0.58	< 3.2	< 3.2	< 3.3	< 1.4	< 3.4	< 3.4	NA	< 14	< 6.8	< 0.68	< 14	< 6.8	< 6.8	< 33
Naphthalene	10	100	< 0.80	< 0.80	< 0.80	< 3.4	< 1.8	< 2.2	< 4.4	< 1.2	< 1.2	< 11.3	< 11.3	< 0.67	< 0.32	< 0.8	< 0.8	NA	< 3.2	< 1.6	< 0.16	< 3.2	< 1.6	< 1.6	< 6.7
n-Butylbenzene	NE	NE	< 0.65	< 0.65	< 0.65	< 3.9	< 2.8	< 3.5	< 7.0	< 0.71	< 0.71	< 8.6	< 8.6	< 0.78	< 0.26	< 0.65	< 0.65	NA	< 2.6	< 1.3	< 0.13	< 2.6	< 1.3	< 1.3	< 7.8
n-Hexane	120	600	NA	NA	NA	NA	< 4.2	< 5.3	< 11	< 1.7	< 1.7	< 14.6	< 14.6	< 0.98 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.65	< 0.65	< 0.65	< 4.1	< 2.0	< 2.5	< 5.0	< 0.81	< 0.81	< 3.5	< 3.5	< 0.83	< 0.26	< 0.65	< 0.65	NA	< 2.6	< 1.3	< 0.13	< 2.6	< 1.3	< 1.3	< 8.3
o-Xylene	400	2000	NA	NA	NA	NA	< 1.2	< 1.5	< 2.9	< 0.26	< 0.26	< 3.5	< 3.5	< 0.44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.85	< 0.85	< 0.85	< 3.6	< 1.7	< 2.1	< 4.3	< 0.80	< 0.80	< 10.4	< 10.4	< 0.72	< 0.34	< 0.85	< 0.85	NA	< 3.4	< 1.7	< 0.17	< 3.4	< 1.7	< 1.7	< 7.2
sec-Butylbenzene	NE	NE	< 0.75	< 0.75	< 0.75	< 4.0	< 2.6	< 3.3	< 6.5	< 0.85	< 0.85	< 4.2	< 4.2	< 0.80	< 0.3	< 0.75	< 0.75	NA	< 3	< 1.5	< 0.15	< 3.0	< 1.5	< 1.5	< 8.0
Styrene	10	100	< 0.50	< 0.50	< 0.50	< 3.9	< 1.3	1.8 BJ	< 3.3	< 0.47	< 3.0	< 3.6	< 3.6	< 0.77	< 0.2	< 0.5	< 0.5	NA	< 2	< 1	< 0.1	< 2.0	< 1.0	< 1.0	< 7.7
tert-Butylbenzene	NE	NE	< 0.70	< 0.70	< 0.70	< 4.0	< 2.4	< 3	< 6.0	< 0.30	< 0.30	< 5.9	< 5.9	< 0.80	< 0.28	< 0.7	< 0.7	NA	< 2.8	< 1.4	< 0.14	< 2.8	< 1.4	< 1.4	< 8.0
Tetrachloroethene	0.5	5	***1600***	***2000***	***2100***	***4600***	***870***	***970***	***1200***	***822***	***721***	***655 J+***	***666***	***700***	***1500***	***1500***	***2600***	NA	***7000***	***6300***	***6500***	***6700***	***4800***	***4300***	***12000***
Toluene	160	800	< 0.55	< 0.55	< 0.55	< 1.5	< 1.1	< 1.3	< 2.7	< 0.17	< 0.27	< 2.9	< 2.9	< 0.30	< 0.22	< 0.55	< 0.55	NA	< 2.2	< 1.1	< 0.11	< 2.2	< 1.1	< 1.1	< 3.0
trans-1,2-Dichloroethene	20	100	9.8	8.1	13	< 3.5	3.2 J	7.3 J	11 J	4.1	1.8	< 5.3	< 5.3	0.89 J	12	15	17	NA	12 J	12	9.7	10 J	6.7 J	< 2.5	< 7.0
Trichloroethene	0.5	5	***580***	***530***	***680***	***930***	***230***	***230***	***290***	***195***	***126***	***97.7***	***87.3***	***95***	***340***	***370***	***460***	NA	***600***	***510***	***550***	***710***	***520***	***640***	***1100***
Trichlorofluoromethane	698	3490	< 5.0	< 5.0	< 5.0	< 10	< 10	< 13	< 6.5	< 0.21	< 0.21	< 4.2	< 4.2	< 0.85	< 0.38	< 0.95	< 0.95	NA	< 3.8	< 1.9	< 0.19	< 20	< 10	< 10	< 20
Vinyl chloride	0.02	0.2	***23***	***22***	***41***	***44***	< 3.2	< 4	***9.0 J+***	***0.63 J***	***0.19 J***	< 1.7	< 1.7	< 0.41	***36***	***37***	***54***	NA	***13***	***9.3***	***8.1***	***6.2 J***	< 1.0	***11***	< 4.1
Xylenes, Total	400	2000	< 0.34	< 0.34	< 0.34	< 2.2	< 1.2	< 2.9	< 5.8	< 1.5	< 1.5	< 10.5	< 10.5	< 0.44	< 0.14	< 0.34	< 0.34	NA	< 1.4	< 0.68	< 0.068	< 1.4	< 0.68	< 0.68	< 4.4
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.084	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1100	NA	1000	920	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	121 - 125 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft	135 - 139 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/12/2020	10/11/2021	10/17/2022	10/9/2023	12/04/2012	01/17/2013	02/20/2013	04/17/2013	07/22/2013	10/07/2013	04/16/2014	10/14/2014	04/14/2015	10/16/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/12/2020
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 11	< 5.5	< 5.5	< 0.27	< 0.27	< 3.6	< 1.8	< 0.46	< 0.5	< 1.3	NA	< 2.5	< 2.5	< 1.3	< 2.5	< 2.5	< 2.5	< 4.6	< 11	< 5.5	< 5.5	< 0.27	< 0.27
1,1,1-Trichloroethane	40	200	< 10	< 5	< 5.0	< 0.24	< 0.24	< 3.0	< 1.5	< 0.38	< 0.4	< 1	NA	< 2	< 2	< 1	< 2.0	< 2.0	< 2.0	< 3.8	< 10	< 5	< 5.0	< 0.24	< 0.24
1,1,2-Trichloroethane	0.5	5	< 10	< 5	< 5.0	< 0.55	< 0.55	< 3.4	< 1.7	< 0.35	< 0.56	< 1.4	NA	< 2.8	< 2.8	< 1.4	< 2.8	< 2.8	< 2.8	< 3.5	< 10	< 5	< 5.0	< 0.55	< 0.55
1,1-Dichloroethene	0.7	7	< 14	< 7	< 7.0	< 0.24	< 0.24	< 5.8	< 2.9	< 0.39	***1.5 J***	< 1.6	NA	< 3.1	< 3.1	< 1.6	< 3.1	< 3.1	< 3.1	< 3.9	< 14	< 7	< 7.0	0.40 J	< 0.24
1,2,4-Trimethylbenzene	96	480	< 6.0	< 3	< 3.0	< 0.84	< 0.84	< 4.5	< 2.2	< 0.36	< 0.28	< 0.7	NA	< 1.4	< 1.4	< 0.7	< 1.4	< 1.4	< 1.4	< 3.6	< 6.0	< 3	< 3.0	< 0.84	< 0.84
1,2-Dibromoethane	0.005	0.05	< 13	< 6.5	< 6.5	< 0.83	< 0.83	< 3.1	< 1.5	< 0.39	< 0.72	< 1.8	NA	< 3.6	< 3.6	< 1.8	< 3.6	< 3.6	< 3.6	< 3.9	< 13	< 6.5	< 6.5	< 0.83	< 0.83
1,2-Dichlorobenzene	60	600	< 7.6	< 3.8	< 3.8	< 0.71	< 0.71	< 3.3	< 1.6	< 0.33	< 0.54	< 1.4	NA	< 2.7	< 2.7	< 1.4	< 2.7	< 2.7	< 2.7	< 3.3	< 7.6	< 3.8	< 3.8	< 0.71	< 0.71
1,2-Dichloroethane	0.5	5	< 7.8	< 3.9	< 3.9	***0.94 J***	***0.74 J***	< 2.9	< 1.5	< 0.39	< 0.56	< 1.4	NA	< 2.8	< 2.8	< 1.4	< 2.8	< 2.8	< 2.8	< 3.9	< 7.8	< 3.9	< 3.9	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 10	< 5	< 5.0	< 0.28	< 0.28	< 4.5	< 2.2	< 0.43	< 0.4	< 1	NA	< 2	< 2	< 1	< 2.0	< 2.0	< 2.0	< 4.3	< 10	< 5	< 5.0	< 0.28	< 0.28
1,2,3-Trichlorobenzene	NE	NE	< 4.5	< 2.3	< 2.3	< 0.63	< 2.2	< 10.2	< 5.1	< 0.46	< 0.48	< 1.2	NA	< 2.4	< 2.4	< 1.2	< 2.4	< 2.4	< 2.4	< 4.6	< 4.5	< 2.3	< 2.3	< 0.63	< 2.2
1,2,4-Trichlorobenzene	14	70	< 7.7	< 3.9	< 3.9	< 0.95	< 0.95	< 9.5	< 4.8	< 0.34	< 0.62	< 1.6	NA	< 3.1	< 3.1	< 1.6	< 3.1	< 3.1	< 3.1	< 3.4	< 7.7	< 3.9	< 3.9	< 0.95	< 0.95
1,3,5-Trimethylbenzene	96	480	< 7.5	< 3.8	< 3.8	< 0.87	< 0.87	< 3.6	< 1.8	< 0.25	< 0.36	< 0.9	NA	< 1.8	< 1.8	< 0.9	< 1.8	< 1.8	< 1.8	< 2.5	< 7.5	< 3.8	< 3.8	< 0.87	< 0.87
2-Butanone	800	4000	< 300	< 150	< 150	< 2.9	< 2.9	< 65.2	< 32.6	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 300	< 150	< 150	< 2.9	< 2.9
2-Hexanone	NE	NE	< 95	< 48	< 48	< 2.5	< 5.2	< 62.8	< 31.4	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 95	< 48	< 48	< 2.5	< 5.2
4-Methyl-2-pentanone	50	500	< 77	< 39	< 39	< 1.5	< 4.6	< 59.5	< 29.8	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 77	< 39	< 39	< 1.5	< 4.6
Acetone	1800	9000	< 340	280 BJ	< 180 U	< 2.7	< 2.7	< 86.4	< 43.2	< 2.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 340	260 J	< 280 U	< 2.7	< 2.7
Benzene	0.5	5	< 8.9	< 4.5	< 4.5	< 0.25	< 0.25	< 3.0	< 1.5	< 0.15	0.41 J	***1.1 J***	NA	< 0.74	< 0.74	< 0.37	< 0.74	< 0.74	< 0.74	< 1.5	< 8.9	< 4.5	< 4.5	< 0.25	< 0.25
Bromodichloromethane	0.06	0.6	< 7.7	< 3.9	< 3.9	< 0.36	< 0.36	< 4.2	< 2.1	< 0.37	< 0.34	< 0.85	NA	< 1.7	< 1.7	< 0.85	< 1.7	< 1.7	< 1.7	< 3.7	< 7.7	< 3.9	< 3.9	< 0.36	< 0.36
Bromoform	0.44	4.4	< 8.8	< 4.4	< 4.4	< 4.0	< 4.0	< 38.0	< 19.0	< 0.48	< 0.56	< 1.4	NA	< 2.8	< 2.8	< 1.4	< 2.8	< 2.8	< 2.8	< 4.8	< 8.8	< 4.4	< 4.4	< 4.0	< 4.0
Bromomethane	1	10	< 59	< 30	< 30	< 0.97	< 0.97	< 11.9	< 6.0	< 0.80	< 0.62	< 1.6	NA	< 3.1	< 3.1	< 1.6	< 3.1	< 3.1 *	< 3.1	< 8.0	< 59	< 30	***56 J+***	< 0.97	< 0.97
Carbon disulfide	200	1000	< 5.3	< 2.7	< 2.7	< 0.37	< 0.45	< 11.0	< 5.5	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.3	< 2.7	< 2.7	< 0.37	< 0.45
Carbon tetrachloride	0.5	5	< 3.8	< 1.9	< 1.9	< 0.17	< 1.1	< 3.7	< 1.8	< 0.38	< 0.52	< 1.3	NA	< 2.6	< 2.6	< 1.3	< 2.6	< 2.6	< 2.6	< 3.8	< 3.8	< 1.9	< 1.9	< 0.17	< 1.1
Chloroethane	80	400	< 25	< 13	< 13	< 1.3	< 1.3	< 13.8	< 6.9	< 0.51	< 0.68	< 1.7	NA	< 3.4	< 3.4	< 1.7	< 3.4	< 3.4	< 3.4	< 4.7	< 25	< 13	< 13	< 1.3	< 1.3
Chloroform	0.6	6	< 6.2	< 3.1	< 3.1	< 1.3	< 1.3	< 11.8	< 5.9	< 0.37	< 0.4	< 1	NA	< 2	< 2	< 1	< 2.0	< 2.0	< 2.0	< 3.7	< 6.2	< 3.1	< 3.1	< 1.3	< 1.3
Chloromethane	3	30	***49 BJ***	***9.5 J+***	< 13 U	< 2.2	< 2.2	< 16.4	< 8.2	< 0.32	< 0.36	< 0.9	NA	< 1.8	< 1.8	< 0.9	< 1.8	< 1.8	< 1.8	< 3.2	***46 BJ***	***11 J+***	< 13 U	< 2.2	< 2.2
cis-1,2-Dichloroethene	7	70	***200***	***240***	***67***	***69.6***	***40.2***	***40***	***29.3***	***26***	***1100***	***910***	NA	***540***	***420***	***380***	***370***	***330***	***410***	***170***	***87***	***190***	***150***	***166***	***97.6***
Di-isopropyl ether	NE	NE	< 15	< 7.5	< 7.5	< 1.9	< 1.9	< 11.0	< 5.5	0.69 J	< 0.3	< 0.75	NA	< 1.5	< 1.5	< 0.75	< 1.5	< 1.5	< 1.5	< 2.8	< 15	< 7.5	< 7.5	< 1.9	< 1.9
Dichlorodifluoromethane	200	1000	< 11	< 5.5	< 5.5	< 0.50	< 0.50	< 4.6	< 2.3	< 0.67	< 0.4	< 1	NA	< 2	< 2	< 1	< 2.0	< 2.0	< 2.0	< 5.4	< 11	< 5.5	< 5.5	< 0.50	< 0.50
Ethylbenzene	140	700	< 5.4	< 2.7	< 2.7	< 0.22	< 0.32	< 3.3	< 1.6	< 0.18	< 0.26	< 0.65	NA	< 1.3	< 1.3	< 0.65	< 1.3	< 1.3	< 1.3	< 1.8	< 5.4	< 2.7	< 2.7	< 0.22	< 0.32
Isopropylbenzene	NE	NE	< 8.1	< 4.1	< 4.1	< 0.39	< 1.7	< 10.0	< 5.0	< 0.39 J-	< 0.28	< 0.7	NA	< 1.4	< 1.4	< 0.7	< 1.4	< 1.4	< 1.4	< 3.9	< 8.1	< 4.1	< 4.1	< 0.39	< 1.7
m,p-Xylene	400	2000	< 5.7	3 BJ	< 2.9	< 0.47	< 0.47	< 7.0	< 3.5	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.7	< 2.9	< 2.9	< 0.47	< 0.47
Methyl tert-butyl ether	12	60	< 14	< 7	< 7.0	< 1.2	< 1.2	< 11.3	< 5.6	< 0.39	< 0.48	< 1.2	NA	< 2.4	< 2.4	< 1.2	< 2.4	< 2.4	< 2.4	< 3.9	< 14	< 7	< 7.0	< 1.2	< 1.2
Methylene chloride	0.5	5	< 14	< 7	< 7.0	< 0.58	< 0.58	< 3.2	< 1.6	< 1.6	< 1.4	< 3.4	NA	< 6.8	< 6.8	< 3.4	< 6.8	< 6.8	< 6.8	< 16	< 14	< 7	< 7.0	< 0.58	< 0.58
Naphthalene	10	100	< 8.8	< 4.4	< 4.4	< 1.2	< 1.2	< 11.3	< 5.6	< 0.34	< 0.32	< 0.8	NA	< 1.6	< 1.6	< 0.8	< 1.6	< 1.6	< 1.6	< 3.4	< 8.8	< 4.4	< 4.4	< 1.2	< 1.2
n-Butylbenzene	NE	NE	< 14	< 7	< 7.0	< 0.71	< 0.71	< 8.6	< 4.3	< 0.39	< 0.26	< 0.65	NA	< 1.3	< 1.3	< 0.65	< 1.3	< 1.3	< 1.3	< 3.9	< 14	< 7	< 7.0	< 0.71	< 0.71
n-Hexane	120	600	< 21	< 11	< 11	< 1.7	< 1.7	< 14.6	< 7.3	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 21	< 11	< 11	< 1.7	< 1.7
n-Propylbenzene	NE	NE	< 10	< 5	< 5.0	< 0.81	< 0.81	< 3.5	< 1.7	< 0.41	< 0.26	< 0.65	NA	< 1.3	< 1.3	< 0.65	< 1.3	< 1.3	< 1.3	< 4.1	< 10	< 5	< 5.0	< 0.81	< 0.81
o-Xylene	400	2000	< 5.8	< 2.9	< 2.9	< 0.26	< 0.26	< 3.5	< 1.7	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.8	< 2.9	< 2.9	< 0.26	< 0.26
p-Isopropyltoluene	NE	NE	< 8.5	< 4.3	< 4.3	< 0.80	< 0.80	< 10.4	< 5.2	< 0.36	< 0.34	< 0.85	NA	< 1.7	< 1.7	< 0.85	< 1.7	< 1.7	< 1.7	< 3.6	< 8.5	< 4.3	< 4.3	< 0.80	< 0.80
sec-Butylbenzene	NE	NE	< 13	< 6.5	< 6.5	< 0.85	< 0.85	< 4.2	< 2.1	< 0.40	< 0.3	< 0.75	NA	< 1.5	< 1.5	< 0.75	< 1.5	< 1.5	< 1.5	< 4.0	< 13	< 6.5	< 6.5	< 0.85	< 0.85
Styrene	10	100	< 6.5	3.5 BJ	< 3.3	< 0.47	< 3.0	< 3.6	< 1.8	< 0.39	< 0.2	< 0.5	NA	< 1	< 1	< 0.5	< 1.0	< 1.0	< 1.0	< 3.9	< 6.5	3.5 BJ	< 3.3	< 0.47	< 3.0
tert-Butylbenzene	NE	NE	< 12	< 6	< 6.0	< 0.30	< 0.30	< 5.9	< 2.9	< 0.40	< 0.28	< 0.7	NA	< 1.4	< 1.4	< 0.7	< 1.4	< 1.4	< 1.4	< 4.0	< 12	< 6	< 6.0	< 0.30	< 0.30
Tetrachloroethene	0.5	5	***3100***	***3000***	***1000***	***715***	***602***	***580 J+***	***463***	***480***	***1900***	***2300***	NA	***3800***	***4200***	***6500***	***5200***	***6300***	***5700***	***5500***	***2000***	***4100***	***3800***	***3290***	***2540***
Toluene	160	800	9.0 J	< 2.7	< 2.7	< 0.17	< 0.27	< 2.9	< 1.4	< 0.15	< 0.22	< 0.55	NA	< 1.1	< 1.1	< 0.55	< 1.1	< 1.1	< 1.1	< 1.5	8.0 J	< 2.7	< 2.7	< 0.17	< 0.27
trans-1,2-Dichloroethene	20	100	< 11	6 J	< 5.5	< 1.1	0.71 J	< 5.3	< 2.6	0.54 J	17	15	NA	8.5 J	5.4 J	< 1.3	< 2.5	< 2.5	< 2.5	< 3.5	< 11	< 5.5	< 5.5	2.5 J	1.3 J
Trichloroethene	0.5	5	***450***	***460***	***110***	***101***	***55***	***48.6***	***39.4***	***35***	***450***	***430***	NA	***310***	***260***	***310***	***320***	***270***	***370***	***210***	***100***	***250***	***250***	***285***	***147***
Trichlorofluoromethane	698	3490	< 50	< 25	< 6.5	< 0.21	< 0.21	< 4.2	< 2.1	< 0.43	< 0.38	< 0.95	NA	< 1.9	< 1.9	< 0.95	< 10	< 10	< 10	< 10	< 50	< 25	< 6.5	< 0.21	< 0.21
Vinyl chloride	0.02	0.2	< 16	< 8	< 8.0	< 0.17	< 0.17	< 1.7	< 0.87	< 0.20	***50***	***42***	NA	***11***	***8.1***	***5.8***	***4.0 J***	***3.7 J***	***4.4 J***	< 2.0	< 16	< 8	< 8.0	***0.63 J***	***0.25 J***
Xylenes, Total	400	2000	< 5.8	< 5.8	< 5.8	< 1.5	< 1.5	< 10.5	< 5.2	< 0.22	< 0.14	< 0.34	NA	< 0.68	< 0.68	< 0.34	< 0.68	< 0.68	< 0.68	< 2.2	< 5.8	< 5.8	< 5.8	< 1.5	< 1.5
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	< 0.083	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	< 0.099	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	1100	960	890	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Notes on Page 63.																									

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13	MP-13
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	135 - 139 ft	135 - 139 ft	135 - 139 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft	163 - 167 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/11/2021	10/17/2022	10/9/2023	12/04/2012	01/16/2013	02/20/2013	04/17/2013	07/22/2013	10/07/2013	04/16/2014	10/14/2014	04/14/2015	10/16/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/12/2020	10/11/2021	10/17/2022	10/9/2023
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 8.9	< 14.2	< 2.3	< 1.3	< 0.25	NA	< 0.5	< 0.25	< 0.25	< 0.50	< 0.50	< 0.25	< 0.46	< 0.22	< 0.11	< 0.22	< 0.27	< 0.27	< 0.36	< 0.89	< 0.46
1,1,1-Trichloroethane	40	200	< 7.6	< 12.1	< 1.9	< 1	< 0.2	NA	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.20	< 0.38	< 0.20	< 0.1	< 0.20	< 0.24	< 0.24	< 0.30	< 0.76	< 0.38
1,1,2-Trichloroethane	0.5	5	< 8.6	< 13.8	< 1.8	< 1.4	< 0.28	NA	< 0.56	< 0.28	< 0.28	< 0.56	< 0.56	< 0.28	< 0.35	< 0.20	< 0.1	< 0.20	< 0.55	< 0.55	< 0.34	< 0.86	< 0.35
1,1-Dichloroethene	0.7	7	< 14.6	< 23.3	< 2.0	< 1.6	***0.97 J***	NA	< 0.62	< 0.31	< 0.31	< 0.62	< 0.62	< 0.31	< 0.39	< 0.28	< 0.14	< 0.28	< 0.24	< 0.24	< 0.58	< 1.5	< 0.39
1,2,4-Trimethylbenzene	96	480	< 11.2	< 17.9	< 1.8	< 0.7	< 0.14	NA	< 0.28	< 0.14	< 0.14	< 0.28	< 0.28	< 0.14	< 0.36	< 0.12	< 0.06	< 0.12	< 0.84	< 0.84	< 0.45	< 1.1	< 0.36
1,2-Dibromoethane	0.005	0.05	< 7.7	< 12.4	< 1.9	< 1.8	< 0.36	NA	< 0.72	< 0.36	< 0.36	< 0.72	< 0.72	< 0.36	< 0.39	< 0.26	< 0.13	< 0.26	< 0.83	< 0.83	< 0.31	< 0.77	< 0.39
1,2-Dichlorobenzene	60	600	< 8.1	< 13.0	< 1.7	< 1.4	< 0.27	NA	< 0.54	< 0.27	< 0.27	< 0.54	< 0.54	< 0.27	< 0.33	< 0.15	< 0.076	< 0.15	< 0.71	< 0.71	< 0.33	< 0.81	< 0.33
1,2-Dichloroethane	0.5	5	< 7.3	< 11.7	< 2.0	< 1.4	< 0.28	NA	< 0.56	< 0.28	< 0.28	< 0.56	< 0.56	< 0.28	< 0.39	< 0.16	< 0.078	< 0.16	< 0.28	< 0.28	< 0.29	< 0.73	< 0.39
1,2-Dichloropropane	0.5	5	< 11.2	< 17.9	< 2.1	< 1	< 0.2	NA	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.20	< 0.43	< 0.20	< 0.1	< 0.20	< 0.28	< 0.28	< 0.45	< 1.1	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 25.5	< 40.7	< 2.3	< 1.2	< 0.24	NA	< 0.48	< 0.24	< 0.24	< 0.48	< 0.48	< 0.24	< 0.46	< 0.090	< 0.045	< 0.090	< 0.63	< 2.2	< 1.0	< 2.5	< 0.46
1,2,4-Trichlorobenzene	14	70	< 23.8	< 38.0	< 1.7	< 1.6	< 0.31	NA	< 0.62	< 0.31	< 0.31	< 0.62	< 0.62	< 0.31	< 0.34	< 0.15	< 0.077	< 0.15	< 0.95	< 0.95	< 0.95	< 2.4	< 0.34
1,3,5-Trimethylbenzene	96	480	< 8.9	< 14.3	< 1.3	< 0.9	< 0.18	NA	< 0.36	< 0.18	< 0.18	< 0.36	< 0.36	< 0.18	< 0.25	< 0.15	< 0.075	< 0.15	< 0.87	< 0.87	< 0.36	< 0.89	< 0.25
2-Butanone	800	4000	< 163	< 261	< 11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 6.0	< 3	< 6.0	< 2.9	< 2.9	< 6.5	< 16.3	< 2.1
2-Hexanone	NE	NE	< 157	< 251	< 7.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.9	< 0.95	< 1.9	< 2.5	< 5.2	< 6.3	< 15.7	< 1.6
4-Methyl-2-pentanone	50	500	< 149	< 238	< 11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.5	< 0.77	< 1.5	< 1.5	< 4.6	< 6.0	< 14.9	< 2.2
Acetone	1800	9000	< 216	< 346	< 8.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 6.8	5.2 BJ	< 6.8	15.3 J	< 2.7	< 8.6	< 21.6	17 J
Benzene	0.5	5	< 7.4	< 11.8	< 0.73	< 0.37	< 0.074	NA	< 0.15	< 0.074	< 0.074	< 0.15	< 0.15	< 0.074	< 0.15	< 0.18	< 0.089	< 0.18	< 0.25	< 0.25	< 0.30	< 0.74	< 0.15
Bromodichloromethane	0.06	0.6	< 10.4	< 16.6	< 1.9	< 0.85	< 0.17	NA	< 0.34	< 0.17	< 0.17	< 0.34	< 0.34	< 0.17	< 0.37	< 0.15	< 0.077	< 0.15	< 0.36	< 0.36	< 0.42	< 1.0	< 0.37
Bromoform	0.44	4.4	< 95.0	< 152	< 2.4	< 1.4	< 0.28	NA	< 0.56	< 0.28	< 0.28	< 0.56	< 0.56	< 0.28	< 0.48	< 0.18	< 0.088	< 0.18	< 4.0	< 4.0	< 3.8	< 9.5	< 0.48
Bromomethane	1	10	< 29.8	< 47.7	< 4.0	< 1.6	< 0.31	NA	< 0.62	< 0.31	< 0.31	< 0.62	< 0.62 *	< 0.31	< 0.80	< 1.2	< 0.59	< 1.2	< 0.97	< 0.97	< 1.2	< 3.0	< 0.80
Carbon disulfide	200	1000	< 27.6	< 44.1	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	< 0.053	< 0.11	< 0.37	< 0.45	< 1.1	< 2.8	< 0.45
Carbon tetrachloride	0.5	5	< 9.2	< 14.8	< 1.9	< 1.3	< 0.26	NA	< 0.52	< 0.26	< 0.26	< 0.52	< 0.52	< 0.26	< 0.38	< 0.076	< 0.038	< 0.076	< 0.17	< 1.1	< 0.37	< 0.92	< 0.38
Chloroethane	80	400	< 34.5	< 55.2	< 2.5	< 1.7	< 0.34	< 0.68	< 0.34	< 0.34	< 0.68	< 0.68	< 0.34	< 0.47	< 0.50	< 0.25	< 0.50	< 1.3	< 1.3	< 1.4	< 0.34	< 3.4	< 0.51
Chloroform	0.6	6	< 29.6	< 47.3	< 1.9	< 1	< 0.2	NA	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.20	< 0.37	< 0.12	< 0.062	< 0.12	< 1.3	< 1.3	< 1.2	< 3.0	< 0.37
Chloromethane	3	30	< 40.9	< 65.4	< 1.6	< 0.9	< 0.18	NA	< 0.36	< 0.18	< 0.18	< 0.36	< 0.36	< 0.18	< 0.32	0.76 BJ	0.46 J+	< 0.32	< 2.2	< 2.2	< 1.6	< 4.1	< 0.32
cis-1,2-Dichloroethene	7	70	***85.9***	***88.8***	***110***	***970***	***730***	NA	***460***	***200***	***170***	***180***	***160***	***150***	***33***	3.8	3.6	5.8	***23.2***	***15.3***	***22.7***	***27.2***	***29***
Di-isopropyl ether	NE	NE	< 27.5	< 44.0	< 1.4	< 0.75	< 0.15	NA	< 0.3	< 0.15	< 0.15	< 0.30	< 0.30	< 0.15	< 0.28	< 0.30	< 0.15	< 0.30	< 1.9	< 1.9	< 1.1	< 2.8	< 0.28
Dichlorodifluoromethane	200	1000	< 11.4	< 18.2	< 3.4	< 1	< 0.2	NA	< 0.4	< 0.2	< 0.2	< 0.40	< 0.40	< 0.20	< 0.54	< 0.22	< 0.11	< 0.22	< 0.50	< 0.50	< 0.46	< 1.1	< 0.67
Ethylbenzene	140	700	< 8.1	< 13.0	< 0.92	< 0.65	< 0.13	NA	< 0.26	< 0.13	< 0.13	< 0.26	< 0.26	< 0.13	< 0.18	< 0.11	< 0.054	< 0.11	< 0.22	< 0.32	< 0.33	< 0.81	< 0.18
Isopropylbenzene	NE	NE	< 25.0	< 40.0	< 1.9 J-	< 0.7	< 0.14	NA	< 0.28	< 0.14	< 0.14	< 0.28	< 0.28	< 0.14	< 0.39	< 0.16	< 0.081	< 0.16	< 0.39	< 1.7	< 1.0	< 2.5	< 0.39 J-
m,p-Xylene	400	2000	< 17.5	< 28.0	< 0.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	< 0.057	< 0.11	< 0.47	< 0.47	< 0.70	< 1.8	< 0.18
Methyl tert-butyl ether	12	60	< 28.2	< 45.2	< 2.0	< 1.2	< 0.24	NA	< 0.48	< 0.24	< 0.24	< 0.48	< 0.48	< 0.24	< 0.39	< 0.28	< 0.14	< 0.28	< 1.2	< 1.2	< 1.1	< 2.8	< 0.39
Methylene chloride	0.5	5	< 8.0	< 12.8	< 8.2	< 3.4	< 0.68	NA	< 1.4	< 0.68	< 0.68	< 1.4	< 1.4	< 0.68	< 1.6	< 0.28	< 0.14	< 0.28	< 0.58	< 0.58	< 0.32	< 0.80	< 1.6
Naphthalene	10	100	< 28.2	< 45.2	< 1.7	< 0.8	< 0.16	NA	< 0.32	< 0.16	< 0.16	< 0.32	< 0.32	< 0.16	< 0.34	< 0.18	< 0.088	< 0.18	< 1.2	< 1.2	< 1.1	< 2.8	< 0.34
n-Butylbenzene	NE	NE	< 21.4	< 34.3	< 1.9	< 0.65	< 0.13	NA	< 0.26	< 0.13	< 0.13	< 0.26	< 0.26	< 0.13	< 0.39	< 0.28	< 0.14	< 0.28	< 0.71	< 0.71	< 0.86	< 2.1	< 0.39
n-Hexane	120	600	< 36.6	< 58.5	< 2.5 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.42	< 0.21	< 0.42	< 1.7	< 1.7	< 1.5	< 3.7	< 0.49 UJ
n-Propylbenzene	NE	NE	< 8.6	< 13.8	< 2.1	< 0.65	< 0.13	NA	< 0.26	< 0.13	< 0.13	< 0.26	< 0.26	< 0.13	< 0.41	< 0.20	< 0.1	< 0.20	< 0.81	< 0.81	< 0.35	< 0.86	< 0.41
o-Xylene	400	2000	< 8.7	< 13.9	< 1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	< 0.058	< 0.12	< 0.26	< 0.26	< 0.35	< 0.87	< 0.22
p-Isopropyltoluene	NE	NE	< 26.1	< 41.8	< 1.8	< 0.85	< 0.17	NA	< 0.34	< 0.17	< 0.17	< 0.34	< 0.34	< 0.17	< 0.36	< 0.17	< 0.085	< 0.17	< 0.80	< 0.80	< 1.0	< 2.6	< 0.36
sec-Butylbenzene	NE	NE	< 10.6	< 17.0	< 2.0	< 0.75	< 0.15	NA	< 0.3	< 0.15	< 0.15	< 0.30	< 0.30	< 0.15	< 0.40	< 0.26	< 0.13	< 0.26	< 0.85	< 0.85	< 0.42	< 1.1	< 0.40
Styrene	10	100	< 8.9	< 14.3	< 1.9	< 0.5	< 0.1	NA	< 0.2	< 0.1	< 0.1	< 0.20	< 0.20	< 0.10	< 0.39	< 0.13	< 0.065	< 0.13	< 0.47	< 3.0	< 0.36	< 0.89	< 0.39
tert-Butylbenzene	NE	NE	< 14.7	< 23.4	< 2.0	< 0.7	< 0.14	NA	< 0.28	< 0.14	< 0.14	< 0.28	< 0.28	< 0.14	< 0.40	< 0.24	< 0.12	< 0.24	< 0.30	< 0.30	< 0.59	< 1.5	< 0.40
Tetrachloroethene	0.5	5	***2540 J+***	***2170***	***2900***	***1400***	***930***	NA	***840***	***510***	***680***	***870***	***930***	***910***	***350***	***43***	***45***	***60***	***79.7***	***79.1***	***145 J+***	***209***	***210***
Toluene	160	800	< 7.2	< 11.5	< 0.76	< 0.55	< 0.11	NA	< 0.22	< 0.11	< 0.11	< 0.22	< 0.22	< 0.11	< 0.15	< 0.11	0.08 BJ	< 0.11	0.33 J	< 0.27	< 0.29	< 0.72	< 0.15
trans-1,2-Dichloroethene	20	100	< 13.2	< 21.1	1.8 J	15	13	NA	7.5	3.3	2.6	3.3	1.9 J	1.9	< 0.35	< 0.22	< 0.11	< 0.22	< 1.1	< 0.46	< 0.53	< 1.3	< 0.35
Trichloroethene	0.5	5	***131***	***134***	***200***	***370***	***250***	NA	***200***	***92***	***96***	***110***	***100***	***99***	***33***	***4.8***	***4.4***	***4.9***	***9.1***	***8***	***13.5***	***18.5***	***21***
Trichlorofluoromethane	698	3490	< 10.5	< 16.7	< 2.1	< 0.95	< 0.19	NA	< 0.38	< 0.19	< 0.19	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 0.5	< 0.26	< 0.21	< 0.21	< 0.42	< 1.0	< 0.43
Vinyl chloride	0.02	0.2	< 4.4	< 7.0	< 1.0	***41***	***27***	NA	***6.8***	***0.74***	***0.72***	***0.56 J***	< 0.20	***1.1***	< 0.20	< 0.32	< 0.16	< 0.32	***0.38 J***	< 0.17	< 0.17	< 0.44	< 0.20
Xylenes, Total	400	2000	< 26.2	< 41.9	< 1.1	< 0.34	< 0.068	NA	< 0.14	< 0.068	< 0.068	< 0.14	< 0.14	< 0.068	< 0.22	< 0.12	< 0.12	< 0.23	< 1.5	< 1.5	< 1.0	< 2.6	< 0.22
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	< 0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	< 0.083	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	< 0.098	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	1100	850	890	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	70 - 75 ft	70 - 75 ft	70 - 75 ft	70 - 75 ft	70 - 75 ft	70 - 75 ft	70 - 75 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	01/21/2013	04/16/2013	07/16/2013	07/22/2013	10/08/2013	04/14/2014	10/17/2014	01/21/2013	04/16/2013	07/16/2013	07/22/2013	10/08/2013	04/14/2014	10/17/2014	04/13/2015	10/15/2015	10/11/2016	10/02/2017	10/09/2018	10/09/2019	10/13/2020	10/12/2021	10/18/2022	10/10/2023
VOCs																										
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	< 0.46
1,1,1-Trichloroethane	40	200	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	< 0.38
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.1	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	< 0.35
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 0.39
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 0.06	< 0.060	< 0.84	< 0.84	< 0.45	< 0.45	< 0.36
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	< 0.39
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.29	< 0.29	< 0.39
1,2-Dichloropropane	0.5	5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	< 0.46
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.87	< 0.87	< 0.36	< 0.36	< 0.25
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	< 2.1
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 2.5	< 5.2	< 6.3	< 6.3	< 1.6
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	< 2.2
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	8.4 BJ	< 3.4	< 2.7	6.2 J	< 8.6	< 8.6	< 1.7
Benzene	0.5	5	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	< 0.15
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	< 0.37
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	< 0.48
Bromomethane	1	10	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 0.80
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	< 0.053	< 0.37	< 0.45	< 1.1	< 1.1	< 0.45
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	< 0.38
Chloroethane	80	400	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.34	< 0.34	< 0.34	< 1.4	< 0.51
Chloroform	0.6	6	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.2	< 1.2	< 0.37
Chloromethane	3	30	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	< 0.16	1.3 J	< 0.60 U	< 2.2	< 2.2	< 1.6	< 1.6	< 0.32
cis-1,2-Dichloroethene	7	70	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.41	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.47	< 0.47	< 0.41
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.1	< 1.1	< 0.28
Dichlorodifluoromethane	200	1000	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.2	< 0.2	< 0.2	0.72 J	< 0.2	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	< 0.67
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.18
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 0.39 J-
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	< 0.18
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24 *	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24 *	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 0.39
Methylene chloride	0.5	5	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 0.14	< 0.14	< 0.44 U	< 0.58	< 0.58	< 0.32	< 0.32	< 1.6
Naphthalene	10	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.20 U	< 1.2	< 1.2	< 1.1	< 1.1	< 0.34
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.86	< 0.86	< 0.39
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	< 0.49 UJ
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 0.1	< 0.10	< 0.81	< 0.81	< 0.35	< 0.35	< 0.41
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.35	< 0.35	< 0.22
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.80	< 0.80	< 1.0	< 1.0	< 0.36
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.42	< 0.42	< 0.40
Styrene	10	100	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	0.07 BJ	< 0.065	< 0.47	< 3.0	< 0.36	< 0.36	< 0.39
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.59	< 0.59	< 0.40
Tetrachloroethene	0.5	5	***0.71 J***	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	***1.5***	< 0.17	< 0.17	< 0.17	***1.7***	< 0.17	***1***	< 0.17	< 0.37	***0.54***	0.45 J-	0.47 J	< 0.33 U	***1.1***	***1.6 J+***	***1.0 J***	***0.93 J***
Toluene	160	800	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.15	0.10 J	< 0.053	0.060 J	< 0.17	< 0.27	< 0.29	< 0.29	< 0.15
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	< 0.11	< 0.11	< 0.11	< 1.1	< 0.46	< 0.53	< 0.53	< 0.35
Trichloroethene	0.5	5	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.16	< 0.062	< 0.062	< 0.062	< 0.26	< 0.26	< 0.32	< 0.32	< 0.16
Trichlorofluoromethane	698	3490	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 0.5	< 0.13	< 0.21	< 0.21	< 0.42	< 0.42	< 0.43
Vinyl chloride	0.02	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20
Xylenes, Total	400	2000	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.22	< 0.058	< 0.12	< 0.12	< 1.5	< 1.5	< 1.0	< 1.0	< 0.22
Total PCBs																										
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																										
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																										
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	01/21/2013	04/16/2013	07/16/2013	07/22/2013	10/08/2013	04/14/2014	10/17/2014	04/13/2015	10/15/2015	01/20/2016	04/19/2016	07/18/2016	10/11/2016	1/18/2017	04/10/2017	10/02/2017	04/02/2018	10/09/2018	04/08/2019	10/09/2019	10/13/2020	04/12/2021
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.5	< 0.25	< 0.5	< 0.25	< 0.25	< 0.25	< 0.46	< 1.1	< 2.2	< 0.11	< 1.1	< 1.1	< 0.11	< 1.1	< 0.11	< 1.1	< 1.1	< 0.27	< 0.27	< 0.36
1,1,1-Trichloroethane	40	200	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.20	< 0.20	< 0.20	< 0.38	< 1.0	< 2.0	< 0.10	< 1.0	< 1.0	< 0.10	< 1	< 0.10	< 1.0	< 0.98	< 0.24	< 0.24	< 0.30
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.28	< 0.28	< 0.28	< 0.35	< 1.0	< 2.0	< 0.10	< 1.0	< 1.0	< 0.10	< 1	< 0.10	< 1.0	< 2.2	< 0.55	< 0.55	< 0.34
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.31	< 0.31	< 0.31	< 0.39	< 1.4	< 2.8	< 0.14	< 1.4	< 1.4	< 0.14	< 1.4	< 0.14	< 1.4	< 0.98	< 0.24	< 0.24	< 0.58
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.14	< 0.14	< 0.14	< 0.36	< 0.60	< 1.2	< 0.060	< 0.60	< 0.60	< 0.060	< 0.6	< 0.060	< 0.60	< 3.4	< 0.84	< 0.84	< 0.45
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.72	< 0.36	< 0.72	< 0.36	< 0.36	< 0.36	< 0.39	< 1.3	< 2.6	< 0.13	< 1.3	< 1.3	< 0.13	< 1.3	< 0.13	< 1.3	< 3.3	< 0.83	< 0.83	< 0.31
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.54	< 0.27	< 0.54	< 0.27	< 0.27	< 0.27	< 0.33	< 0.76	< 1.5	< 0.076	< 0.76	< 0.76	< 0.076	< 0.76	< 0.076	< 0.76	< 2.8	< 0.71	< 0.71	< 0.33
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.28	< 0.28	< 0.28	< 0.39	< 0.78	< 1.6	< 0.078	< 0.78	< 0.78	< 0.078	< 0.78	< 0.078	< 0.78	< 1.1	< 0.28	< 0.28	< 0.29
1,2-Dichloropropane	0.5	5	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.20	< 0.20	< 0.20	< 0.43	< 1.0	< 2.0	< 0.10	< 1.0	< 1.0	< 0.10	< 1	< 0.10	< 1.0	< 1.1	< 0.28	< 0.28	< 0.45
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.48	< 0.24	< 0.48	< 0.24	< 0.24	< 0.24	< 0.46	< 0.45	3.4 BJ	< 0.045	< 0.45	< 0.45	< 0.045	< 0.45	< 0.045	< 0.45	< 2.5	< 0.63	< 2.2	< 1.0
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.31	< 0.31	< 0.31	< 0.34	< 0.77	2.4 J	< 0.077	< 0.77	< 0.77	< 0.077	< 0.77	< 0.077	< 0.77	< 3.8	< 0.95	< 0.95	< 0.95
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.36	< 0.18	< 0.36	< 0.18	< 0.18	< 0.18	< 0.25	< 0.75	< 1.5	< 0.075	< 0.75	< 0.75	< 0.075	< 0.75	< 0.075	< 0.75	< 3.5	< 0.87	< 0.87	< 0.36
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30	< 60	< 3.0	< 30	< 30	< 3.0	< 30	< 3.0	< 30	< 11.7	< 2.9	< 2.9	< 6.5
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.5	< 19	< 0.95	< 9.5	< 9.5	< 0.95	< 9.5	< 0.95	< 9.5	< 9.8	< 2.5	< 5.2	< 6.3
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7.7	< 15	< 0.77	< 7.7	< 7.7	< 0.77	< 7.7	< 0.77	< 7.7	< 6.1	< 1.5	< 4.6	< 6.0
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 34	< 68	< 3.4	< 34	< 34	< 3.4	< 34	< 3.4	< 34	< 11.0	< 2.7	< 2.7	< 8.6
Benzene	0.5	5	< 0.074	< 0.074	< 0.15	< 0.074	< 0.15	< 0.074	< 0.074	< 0.074	< 0.15	< 0.89	< 1.8	< 0.089	< 0.89	< 0.89	< 0.089	< 0.89	< 0.089	< 0.89	< 0.99	< 0.25	< 0.25	< 0.30
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.34	< 0.17	< 0.34	< 0.17	< 0.17	< 0.17	< 0.37	< 0.77	< 1.5	< 0.077	< 0.77	***0.80 BJ***	< 0.077	< 0.77	< 0.077	< 0.77	< 1.5	< 0.36	< 0.36	< 0.42
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.28	< 0.28	< 0.28	< 0.48	< 0.88	< 1.8	< 0.088	< 0.88	< 0.88	< 0.088	< 0.88	< 0.088	< 0.88	< 15.9	< 4.0	< 4.0	< 3.8
Bromomethane	1	10	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.31	< 0.31 *	< 0.31	< 0.80	< 5.9	< 12	< 0.59	< 5.9	< 5.9	< 0.59	< 5.9	< 0.59	< 5.9	< 3.9	< 0.97	< 0.97	< 1.2
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.53	< 1.1	< 0.053	3.3 J	< 0.53	< 0.053	< 0.53	0.080 J	< 0.53	< 1.5	< 0.37	< 0.45	< 1.1
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.52	< 0.26	< 0.52	< 0.26	< 0.26	< 0.26	< 0.38	< 0.76	< 0.038	< 0.038	< 0.38	< 0.38	< 0.038	< 0.38	< 0.038	< 0.38	< 0.66	< 0.17	< 1.1	< 0.37
Chloroethane	80	400	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.34	< 0.47	< 2.5	< 5.0	< 0.25	< 2.5	< 2.5	< 0.25	< 2.5	< 0.25	< 2.5	< 5.4	< 1.3	< 1.3	< 1.4
Chloroform	0.6	6	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.20	< 0.20	< 0.20	< 0.37	< 0.62	< 1.2	< 0.062	< 0.62	< 0.62	< 0.062	< 0.62	0.10 J+	< 0.62	< 5.1	< 1.3	< 1.3	< 1.2
Chloromethane	3	30	< 0.18	< 0.18	< 0.36	< 0.18	< 0.36	< 0.18	< 0.18	< 0.18	< 0.32	< 1.6	< 3.2	0.16 J	***12 BJ***	< 1.6	< 0.16	***3.4 J+***	< 0.16	< 3.3 U	< 8.8	< 2.2	< 2.2	< 1.6
cis-1,2-Dichloroethene	7	70	< 0.12	***17***	***27***	***29***	***27***	***12***	***8.1***	4.3	***13***	***12***	***16***	***13***	***13***	***12 B***	***12***	***11***	***17***	***17***	***15.6***	***13.8***	4.7	3.1
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.3	< 0.15	< 0.3	< 0.15	< 0.15	< 0.15	< 0.28	< 1.5	< 3.0	< 0.15	< 1.5	< 1.5	< 0.15	< 1.5	< 0.15	< 1.5	< 7.6	< 1.9	< 1.9	< 1.1
Dichlorodifluoromethane	200	1000	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.20	< 0.20	< 0.20	< 0.54	< 1.1	< 2.2	0.11 J	< 1.1	< 1.1	< 0.11	< 1.1	0.21 J+	< 1.1	< 2.0	< 0.50	< 0.50	< 0.46
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.13	< 0.13	< 0.13	< 0.18	< 0.54	< 1.1	< 0.054	< 0.54	< 0.54	< 0.054	< 0.54	< 0.054	< 0.54	< 0.87	< 0.22	< 0.32	< 0.33
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.14	< 0.14	< 0.14	< 0.39	< 0.81	< 1.6	< 0.081	< 0.81	< 0.81	< 0.081	< 0.81	< 0.081	< 0.81	< 1.6	< 0.39	< 1.7	< 1.0
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.57	< 1.1	< 0.057	< 0.57	< 0.57	< 0.57	< 0.057	< 0.57	< 0.057	< 0.57	< 1.9	< 0.47	< 0.47	< 0.70
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.48	< 0.24	< 0.48	< 0.24	< 0.24 *	< 0.24	< 0.39	< 1.4	< 2.8	< 0.14	< 1.4	< 1.4	< 0.14	< 1.4	< 0.14	< 1.4	< 5.0	< 1.2	< 1.2	< 1.1
Methylene chloride	0.5	5	< 0.68	< 0.68	< 1.4	< 0.68	< 1.4	< 0.68	< 0.68	< 0.68	< 1.6	< 1.4	< 2.8	< 0.14	< 1.4	< 1.4	< 0.14	< 1.4	< 0.14	< 1.4	< 2.3	< 0.58	< 0.58	< 0.32
Naphthalene	10	100	< 0.16	< 0.16	< 0.32	< 0.16	< 0.32	< 0.16	< 0.16	< 0.16	< 0.34	< 0.88	6.8 BJ	< 0.088	< 0.88	< 0.88	< 0.088	< 0.88	< 0.088	< 0.88	< 4.7	< 1.2	< 1.2	< 1.1
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.13	< 0.13	< 0.13	< 0.39	< 1.4	< 2.8	< 0.14	< 1.4	< 1.4	< 0.14	< 1.4	< 0.14	< 1.4	< 2.8	< 0.71	< 0.71	< 0.86
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.1	< 4.2	< 0.21	< 2.1	< 2.1	< 0.21	< 2.1	< 0.21	< 2.1	< 6.8	< 1.7	< 1.7	< 1.5
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.13	< 0.13	< 0.13	< 0.41	< 1.0	< 2.0	< 0.10	< 1.0	< 1.0	< 0.10	< 1	< 0.10	< 1.0	< 3.2	< 0.81	< 0.81	< 0.35
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.58	< 1.2	< 0.058	< 0.58	< 0.58	< 0.058	< 0.58	< 0.058	< 0.58	< 1.0	< 0.26	< 0.26	< 0.35
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.34	< 0.17	< 0.34	< 0.17	< 0.17	< 0.17	< 0.36	< 0.85	< 1.7	< 0.085	< 0.85	< 0.85	< 0.085	< 0.85	< 0.085	< 0.85	< 3.2	< 0.80	< 0.80	< 1.0
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.3	< 0.15	< 0.3	< 0.15	< 0.15	< 0.15	< 0.40	< 1.3	< 2.6	< 0.13	< 1.3	< 1.3	< 0.13	< 1.3	< 0.13	< 1.3	< 3.4	< 0.85	< 0.85	< 0.42
Styrene	10	100	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.10	< 0.10	< 0.10	< 0.39	< 0.65	< 1.3	< 0.065	< 0.65	< 0.65	< 0.065	< 0.65	< 0.065	< 0.65	< 1.9	< 0.47	< 3.0	< 0.36
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.14	< 0.14	< 0.14	< 0.40	< 1.2	< 2.4	< 0.12	< 1.2	< 1.2	< 0.12	< 1.2	< 0.12	< 1.2	< 1.2	< 0.30	< 0.30	< 0.59
Tetrachloroethene	0.5	5	***1.7***	***430***	***820***	***920***	***970***	***350***	***190***	***110***	***320***	***290***	***310***	***230***	***250***	***230***	***270***	***250***	***370***	***370***	***408***	***303***	***140***	***109***
Toluene	160	800	< 0.11	< 0.11	< 0.22	< 0.11	< 0.22	< 0.11	< 0.11	< 0.11	< 0.15	< 0.53	< 1.1	< 0.053	1.4 J	1.5 BJ	< 0.053	< 0.53	< 0.053	< 0.53	< 0.69	< 0.17	< 0.27	< 0.29
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.5	< 0.25	< 0.5	< 0.25	< 0.25	< 0.25	< 0.35	< 1.1	< 2.2	0.24 J	< 1.1	< 1.1	0.18 J	< 1.1	0.39 J+	< 1.1	< 4.4	< 1.1	< 0.46	< 0.53
Trichloroethene	0.5	5	0.24 J	***31***	***53***	***51***	***53***	***23***	***16***	***7.9***	***25***	***24***	***28***	***24***	***25***	***21***	***25***	***20***	***31***	***29***	***31***	***26.1***	***9.5***	***6.7***
Trichlorofluoromethane	698	3490	< 0.19	< 0.19	< 0.38	< 0.19	< 0.38	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 10	< 0.50	< 5.0	< 5.0	< 0.50	< 5	< 0.5	< 1.3	< 0.86	< 0.21	< 0.21	< 0.42
Vinyl chloride	0.02	0.2	< 0.1	< 0.1	< 0.2	< 0.1	***0.53 J***	< 0.10	< 0.10	< 0.10	< 0.20	< 1.6	< 3.2	< 0.16	< 1.6	< 1.6	< 0.16	< 1.6	< 0.16	< 1.6	< 0.70	< 0.17	< 0.17	< 0.17
Xylenes, Total	400	2000	< 0.068	< 0.068	< 0.14	< 0.068	< 0.14	< 0.068	< 0.068	< 0.068	< 0.22	< 0.58	< 1.2	< 0.058	< 0.58	< 1.2	< 0.12	< 1.2	< 0.12	< 1.2	< 6.0	< 1.5	< 1.5	< 1.0
Total PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14	MP-14
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	135 - 140 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft	170 - 178 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/12/2021	04/20/2022	10/18/2022	4/10/2023	10/10/2023	01/21/2013	04/16/2013	07/16/2013	07/22/2013	10/08/2013	04/14/2014	10/17/2014	04/13/2015	10/15/2015	10/11/2016	10/02/2017	10/09/2018	10/09/2019	10/13/2020	10/12/2021	10/18/2022	10/10/2023
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 0.36	< 0.36	< 0.36	< 0.46	< 0.46	< 0.25	< 0.25	< 0.5	< 0.25	< 0.5	< 0.50	< 0.50	< 0.25	< 0.46	< 0.22	< 2.2	< 5.5	< 0.27	< 0.27	< 7.1	< 7.1	< 0.92
1,1,1-Trichloroethane	40	200	< 0.30	< 0.30	< 0.30	< 0.38	< 0.38	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.40	< 0.40	< 0.20	< 0.38	< 0.20	< 2	< 5.0	< 0.24	< 0.24	< 6.1	< 6.1	< 0.76
1,1,2-Trichloroethane	0.5	5	< 0.34	< 0.34	< 0.34	< 0.35	< 0.35	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.56	< 0.56	< 0.28	< 0.35	< 0.20	< 2	< 5.0	< 0.55	< 0.55	< 6.9	< 6.9	< 0.70
1,1-Dichloroethene	0.7	7	< 0.58	< 0.58	< 0.58	< 0.39	< 0.39	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.62	< 0.62	< 0.31	< 0.39	< 0.28	< 2.8	< 7.0	< 0.24	< 0.24	< 11.6	< 11.6	< 0.78
1,2,4-Trimethylbenzene	96	480	< 0.45	< 0.45	< 0.45	< 0.36	< 0.36	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.28	< 0.28	< 0.14	< 0.36	< 0.12	< 1.2	< 3.0	< 0.84	< 0.84	< 9.0	< 9.0	< 0.72
1,2-Dibromoethane	0.005	0.05	< 0.31	< 0.31	< 0.31	< 0.39	< 0.39	< 0.36	< 0.36	< 0.72	< 0.36	< 0.72	< 0.72	< 0.72	< 0.36	< 0.39	< 0.26	< 2.6	< 6.5	< 0.83	< 0.83	< 6.2	< 6.2	< 0.77
1,2-Dichlorobenzene	60	600	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.27	< 0.27	< 0.54	< 0.27	< 0.54	< 0.54	< 0.54	< 0.27	< 0.33	< 0.15	< 1.5	< 3.8	< 0.71	< 0.71	< 6.5	< 6.5	< 0.67
1,2-Dichloroethane	0.5	5	< 0.29	< 0.29	< 0.29	< 0.39	< 0.39	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.56	< 0.56	< 0.28	< 0.39	< 0.16	< 1.6	< 3.9	< 0.28	< 0.28	< 5.8	< 5.8	< 0.78
1,2-Dichloropropane	0.5	5	< 0.45	< 0.45	< 0.45	< 0.43	< 0.43	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.40	< 0.40	< 0.20	< 0.43	< 0.20	< 2	< 5.0	< 0.28	< 0.28	< 9.0	< 9.0	< 0.86
1,2,3-Trichlorobenzene	NE	NE	< 1.0	< 1.0	< 1.0	< 0.46 UJ	< 0.46	< 0.24	< 0.24	< 0.48	< 0.24	< 0.48	< 0.48	< 0.48	< 0.24	< 0.46	< 0.090	< 0.9	< 2.3	< 0.63	< 2.2	< 20.4	< 20.4	< 0.92
1,2,4-Trichlorobenzene	14	70	< 0.95	< 0.95	< 0.95	< 0.34 UJ	< 0.34	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.62	< 0.62	< 0.31	< 0.34	< 0.15	< 1.5	< 3.9	< 0.95	< 0.95	< 19.0	< 19.0	< 0.68
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.36	< 0.36	< 0.25	< 0.25	< 0.18	< 0.18	< 0.36	< 0.18	< 0.36	< 0.36	< 0.36	< 0.18	< 0.25	< 0.15	< 1.5	< 3.8	< 0.87	< 0.87	< 7.1	< 7.1	< 0.51
2-Butanone	800	4000	< 6.5	< 6.5	< 6.5	< 2.1	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 6.0	< 60	< 150	< 2.9	< 2.9	< 130	< 130	< 4.2
2-Hexanone	NE	NE	< 6.3	< 6.3	< 6.3	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.9	< 19	< 48	< 2.5	< 5.2	< 126	< 126	< 3.1
4-Methyl-2-pentanone	50	500	< 6.0	< 6.0	< 6.0	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.5	< 15	< 39	< 1.5	< 4.6	< 119	< 119	< 4.3
Acetone	1800	9000	< 8.6	< 8.6	< 8.6	< 4.2 U	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 6.8	< 68	< 170	< 2.7	< 2.7	< 173	< 173	< 3.5
Benzene	0.5	5	< 0.30	< 0.30	< 0.30	< 0.15	< 0.15	< 0.074	< 0.074	< 0.15	< 0.074	< 0.15	< 0.15	< 0.15	< 0.074	< 0.15	< 0.18	< 1.8	< 4.5	< 0.25	< 0.25	< 5.9	< 5.9	< 0.29
Bromodichloromethane	0.06	0.6	< 0.42	< 0.42	< 0.42	< 0.37	< 0.37	< 0.17	< 0.17	< 0.34	< 0.17	< 0.34	< 0.34	< 0.34	< 0.17	< 0.37	< 0.15	< 1.5	< 3.9	< 0.36	< 0.36	< 8.3	< 8.3	< 0.74
Bromoform	0.44	4.4	< 3.8	< 3.8	< 3.8	< 0.48	< 0.48	< 0.28	< 0.28	< 0.56	< 0.28	< 0.56	< 0.56	< 0.56	< 0.28	< 0.48	< 0.18	< 1.8	< 4.4	< 4.0	< 4.0	< 76.0	< 76.0	< 0.97
Bromomethane	1	10	< 1.2	< 1.2	< 1.2	< 0.80 UJ	< 0.80	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.62	< 0.62 *	< 0.31	< 0.80	< 1.2	< 12	< 30	< 0.97	< 0.97	< 23.8	< 23.8	< 1.6
Carbon disulfide	200	1000	< 1.1	< 1.1	< 1.1	< 0.45	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	< 1.1	< 2.7	< 0.37	< 0.45	< 22.0	< 22.0	< 0.90
Carbon tetrachloride	0.5	5	< 0.37	< 0.37	< 0.37	< 0.38	< 0.38	< 0.26	< 0.26	< 0.52	< 0.26	< 0.52	< 0.52	< 0.52	< 0.26	< 0.38	< 0.076	< 0.76	< 1.9	< 0.17	< 1.1	< 7.4	< 7.4	< 0.77
Chloroethane	80	400	< 1.4	< 1.4	< 1.4	< 0.51 UJ	< 0.51	< 0.34	< 0.34	< 0.68	< 0.34	< 0.68	< 0.68	< 0.68	< 0.34	< 0.47	< 0.50	< 5	< 13	< 1.3	< 1.3	< 27.6	< 27.6	< 1.0
Chloroform	0.6	6	< 1.2	< 1.2	< 1.2	< 0.37	< 0.37	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.40	< 0.40	< 0.20	< 0.37	< 0.12	***1.2 J***	< 3.1	< 1.3	< 1.3	< 23.7	< 23.7	< 0.74
Chloromethane	3	30	< 1.6	< 1.6	< 1.6	< 0.32	< 0.32	< 0.18	< 0.18	< 0.36	< 0.18	< 0.36	< 0.36	< 0.36	< 0.18	< 0.32	0.92 BJ	***5.2 J+***	< 8.0	< 2.2	< 2.2	< 32.7	< 32.7	< 0.64
cis-1,2-Dichloroethene	7	70	2.7	1.5	1.9	1.4	1.2	< 0.12	< 0.12	***22***	***21***	***22***	***19***	***24***	***22***	***30***	***30***	***32***	***34***	***29***	***22***	***46.7***	***48.1***	***32***
Di-isopropyl ether	NE	NE	< 1.1	< 1.1	< 1.1	< 0.28	< 0.28	< 0.15	< 0.15	< 0.3	< 0.15	< 0.3	< 0.30	< 0.30	< 0.15	< 0.28	< 0.30	< 3	< 7.5	< 1.9	< 1.9	< 22.0	< 22.0	< 0.55
Dichlorodifluoromethane	200	1000	< 0.46	< 0.46	< 0.46	< 0.67	< 0.67	< 0.2	< 0.2	< 0.4	< 0.2	< 0.4	< 0.40	< 0.40	< 0.20	< 0.54	< 0.22	< 2.2	< 5.5	< 0.50	< 0.50	< 9.1	< 9.1	< 1.3
Ethylbenzene	140	700	< 0.33	< 0.33	< 0.33	< 0.18	< 0.18	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.26	< 0.26	< 0.13	< 0.18	< 0.11	< 1.1	< 2.7	< 0.22	< 0.32	< 6.5	< 6.5	< 0.37
Isopropylbenzene	NE	NE	< 1.0	< 1.0	< 1.0	< 0.39	< 0.39 J-	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.28	< 0.28	< 0.14	< 0.39	< 0.16	< 1.6	< 4.1	< 0.39	< 1.7	< 20.0	< 20.0	< 0.77 J-
m,p-Xylene	400	2000	< 0.70	< 0.70	< 0.70	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	1.2 BJ	< 2.9	< 0.47	< 0.47	< 14.0	< 14.0	< 0.36
Methyl tert-butyl ether	12	60	< 1.1	< 1.1	< 1.1	< 0.39	< 0.39	< 0.24	< 0.24	< 0.48	< 0.24	< 0.48	< 0.48	< 0.48 *	< 0.24	< 0.39	< 0.28	< 2.8	< 7.0	< 1.2	< 1.2	< 22.6	< 22.6	< 0.79
Methylene chloride	0.5	5	< 0.32	< 0.32	< 0.32	< 1.6	< 1.6	< 0.68	< 0.68	< 1.4	< 0.68	< 1.4	< 1.4	< 1.4	< 0.68	< 1.6	< 0.28	< 2.8	< 7.0	< 0.58	< 0.58	< 6.4	< 6.4	< 3.3
Naphthalene	10	100	< 1.1	< 1.1	< 1.1	< 0.34 UJ	< 0.34	< 0.16	< 0.16	< 0.32	< 0.16	< 0.32	< 0.32	< 0.32	< 0.16	< 0.34	< 0.18	< 1.8	< 4.4	< 1.2	< 1.2	< 22.6	< 22.6	< 0.67
n-Butylbenzene	NE	NE	< 0.86	< 0.86	< 0.86	< 0.39	< 0.39	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.26	< 0.26	< 0.13	< 0.39	< 0.28	< 2.8	< 7.0	< 0.71	< 0.71	< 17.1	< 17.1	< 0.78
n-Hexane	120	600	< 1.5	< 1.5	< 1.5	< 0.49	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.42	< 4.2	< 11	< 1.7	< 1.7	< 29.2	< 29.2	< 0.98 UJ
n-Propylbenzene	NE	NE	< 0.35	< 0.35	< 0.35	< 0.41	< 0.41	< 0.13	< 0.13	< 0.26	< 0.13	< 0.26	< 0.26	< 0.26	< 0.13	< 0.41	< 0.20	< 2	< 5.0	< 0.81	< 0.81	< 6.9	< 6.9	< 0.83
o-Xylene	400	2000	< 0.35	< 0.35	< 0.35	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	< 1.2	< 2.9	< 0.26	< 0.26	< 7.0	< 7.0	< 0.44
p-Isopropyltoluene	NE	NE	< 1.0	< 1.0	< 1.0	< 0.36	< 0.36	< 0.17	< 0.17	< 0.34	< 0.17	< 0.34	< 0.34	< 0.34	< 0.17	< 0.36	< 0.17	< 1.7	< 4.3	< 0.80	< 0.80	< 20.9	< 20.9	< 0.72
sec-Butylbenzene	NE	NE	< 0.42	< 0.42	< 0.42	< 0.40	< 0.40	< 0.15	< 0.15	< 0.3	< 0.15	< 0.3	< 0.30	< 0.30	< 0.15	< 0.40	< 0.26	< 2.6	< 6.5	< 0.85	< 0.85	< 8.5	< 8.5	< 0.80
Styrene	10	100	< 0.36	< 0.36	< 0.36	< 0.39	< 0.39	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.20	< 0.20	< 0.10	< 0.39	< 0.13	1.6 BJ	< 3.3	< 0.47	< 3.0	< 7.1	< 7.1	< 0.77
tert-Butylbenzene	NE	NE	< 0.59	< 0.59	< 0.59	< 0.40	< 0.40	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.28	< 0.28	< 0.14	< 0.40	< 0.24	< 2.4	< 6.0	< 0.30	< 0.30	< 11.7	< 11.7	< 0.80
Tetrachloroethene	0.5	5	***106 J+***	***71.3***	***69.4***	***51***	***48***	***1.2***	***9.2***	***520***	***520***	***640***	***630***	***890***	***640 E***	***690***	***730***	***840***	***920***	***654***	***531***	***1430 J+***	***1410***	***1000***
Toluene	160	800	< 0.29	< 0.29	< 0.29	< 0.15	< 0.15	< 0.11	< 0.11	< 0.22	< 0.11	< 0.22	< 0.22	< 0.22	< 0.11	< 0.15	< 0.11	< 1.1	< 2.7	< 0.17	< 0.27	< 5.8	< 5.8	< 0.30
trans-1,2-Dichloroethene	20	100	< 0.53	< 0.53	< 0.53	< 0.35	< 0.35	< 0.25	< 0.25	< 0.5	< 0.25	< 0.5	< 0.50	< 0.50	< 0.25	< 0.35	0.40 J	< 2.2	< 5.5	< 1.1	< 0.46	< 10.6	< 10.6	< 0.70
Trichloroethene	0.5	5	***5.5***	***3.3***	***3.5***	***2.8***	***2.6***	< 0.19	***0.78***	***42***	***37***	***37***	***33***	***46***	***40***	***57***	***58***	***60***	***64***	***54.6***	***49***	***99***	***106***	***73***
Trichlorofluoromethane	698	3490	< 0.42	< 0.42	< 0.42	< 0.43	< 0.43	< 0.19	< 0.19	< 0.38	< 0.19	< 0.38	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 10	< 6.5	< 0.21	< 0.21	< 8.4	< 8.4	< 0.85
Vinyl chloride	0.02	0.2	< 0.17	< 0.17	< 0.17	< 0.20	< 0.20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 0.20	< 0.20	< 0.10	< 0.20	< 0.32	< 3.2	< 8.0	< 0.17	< 0.17	< 3.5	< 3.5	< 0.41
Xylenes, Total	400	2000	< 1.0	< 1.0	< 1.0	< 0.22	< 0.22	< 0.068	< 0.068	< 0.14	< 0.068	< 0.14	< 0.14	< 0.14	< 0.068	< 0.22	< 0.12	< 2.3	< 5.8	< 1.5	< 1.5	< 21.0	< 21.0	< 0.44
Total PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	88 - 92 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	01/22/2013	04/15/2013	07/22/2013	10/08/2013	04/15/2014	10/16/2014	04/14/2015	10/15/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/13/2020	10/12/2021	10/18/2022	10/10/2023	01/22/2013	04/15/2013	07/22/2013	10/08/2013	04/15/2014	10/16/2014	04/14/2015
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 1.1	< 0.55	< 0.11	< 0.27	< 0.27	< 1.8	< 1.8	< 0.46	< 0.25	< 0.25	< 0.25	< 0.5	< 0.50	< 0.50	< 0.25
1,1,1-Trichloroethane	40	200	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.38	< 1.0	< 0.5	< 0.10	< 0.24	< 0.24	< 1.5	< 1.5	< 0.38	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.20
1,1,2-Trichloroethane	0.5	5	< 0.28	***2.2***	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 1.0	< 0.5	< 0.10	< 0.55	< 0.55	< 1.7	< 1.7	< 0.35	< 0.28	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.28
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 1.4	< 0.7	< 0.14	< 0.24	< 0.24	< 2.9	< 2.9	< 0.39	< 0.31	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.60	< 0.3	< 0.060	< 0.84	< 0.84	< 2.2	< 2.2	< 0.36	< 0.14	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 1.3	< 0.65	< 0.13	< 0.83	< 0.83	< 1.5	< 1.5	< 0.39	< 0.36	< 0.36	< 0.36	< 0.72	< 0.72	< 0.72	< 0.36
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.76	< 0.38	< 0.076	< 0.71	< 0.71	< 1.6	< 1.6	< 0.33	< 0.27	< 0.27	< 0.27	< 0.54	< 0.54	< 0.54	< 0.27
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.78	< 0.39	< 0.078	0.42 J	0.40 J	< 1.5	< 1.5	< 0.39	< 0.28	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.28
1,2-Dichloropropane	0.5	5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.43	< 1.0	< 0.5	< 0.10	< 0.28	< 0.28	< 2.2	< 2.2	< 0.43	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.45	< 0.23	< 0.045	< 0.63	< 2.2	< 5.1	< 5.1	< 0.46	< 0.24	< 0.24	< 0.24	< 0.48	< 0.48	< 0.48	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.77	< 0.39	< 0.077	< 0.95	< 0.95	< 4.8	< 4.8	< 0.34	< 0.31	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.75	< 0.38	< 0.075	< 0.87	< 0.87	< 1.8	< 1.8	< 0.25	< 0.18	< 0.18	< 0.18	< 0.36	< 0.36	< 0.36	< 0.18
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	< 30	< 15	< 3.0	< 2.9	< 2.9	< 32.6	< 32.6	< 2.1	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	< 9.5	< 4.8	< 0.95	< 2.5	< 5.2	< 31.4	< 31.4	< 1.6	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	< 7.7	< 3.9	< 0.77	< 1.5	< 4.6	< 29.8	< 29.8	< 2.2	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	< 34	26 BJ	< 3.4	< 2.7	< 2.7	< 43.2	< 43.2	< 1.7	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.89	< 0.45	< 0.089	< 0.25	< 0.25	< 1.5	< 1.5	< 0.15	< 0.074	< 0.074	< 0.074	< 0.15	< 0.15	< 0.15	< 0.074
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.77	< 0.39	< 0.077	< 0.36	< 0.36	< 2.1	< 2.1	< 0.37	< 0.17	< 0.17	< 0.17	< 0.34	< 0.34	< 0.34	< 0.17
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.88	< 0.44	< 0.088	< 4.0	< 4.0	< 19.0	< 19.0	< 0.48	< 0.28	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.28
Bromomethane	1	10	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.80	< 5.9	< 3	< 0.59	< 0.97	< 0.97	< 6.0	< 6.0	< 0.80	< 0.31	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.31
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	3.1 J	< 0.27	< 0.053	< 0.37	< 0.45	< 5.5	< 5.5	< 0.45	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.38	< 0.19	< 0.038	< 0.17	< 1.1	< 1.8	< 1.8	< 0.38	< 0.26	< 0.26	< 0.26	< 0.52	< 0.52	< 0.52	< 0.26
Chloroethane	80	400	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 2.5	< 1.3	< 0.25	< 1.3	< 1.3	< 6.9	< 6.9	< 0.51	< 0.34	< 0.34	< 0.34	< 0.68	< 0.68	< 0.68	< 0.34
Chloroform	0.6	6	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.37	< 0.62	< 0.31	< 0.062	< 1.3	< 1.3	< 5.9	< 5.9	< 0.37	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.20
Chloromethane	3	30	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	***11 BJ***	1.3 J+	< 0.29 U	< 2.2	< 2.2	< 8.2	< 8.2	< 0.32	< 0.18	< 0.18	< 0.18	< 0.36	< 0.36	< 0.36	< 0.18
cis-1,2-Dichloroethene	7	70	***7.5***	***23***	***14***	***20***	***23***	***12***	***17***	***15***	***25***	***17***	***12***	***24.9***	***26.8***	***27.6***	***31.2***	***27***	***9.3***	***37***	***68***	***76***	***96***	***83***	***66***
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 1.5	< 0.75	< 0.15	< 1.9	< 1.9	< 5.5	< 5.5	< 0.28	< 0.15	< 0.15	< 0.15	< 0.3	< 0.30	< 0.30	< 0.15
Dichlorodifluoromethane	200	1000	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.54	< 1.1	< 0.55	0.16 J	< 0.50	< 0.50	< 2.3	< 2.3	< 0.67	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.20
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.54	< 0.27	< 0.054	< 0.22	< 0.32	< 1.6	< 1.6	< 0.18	< 0.13	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.13
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.81	< 0.41	< 0.081	< 0.39	< 1.7	< 5.0	< 5.0	< 0.39 J-	< 0.14	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.14
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.57	0.3 BJ	< 0.057	< 0.47	< 0.47	< 3.5	< 3.5	< 0.18	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	2.3	0.84 J	< 0.24	3.3	3.5	< 0.24	< 0.24	2.5	4.0 J	< 0.7	< 0.14	< 1.2	< 1.2	< 5.6	< 5.6	< 0.39	2.2	1.3	< 0.24	< 0.48	< 0.48	< 0.48	< 0.24
Methylene chloride	0.5	5	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 1.4	< 0.7	< 0.23 U	< 0.58	< 0.58	< 1.6	< 1.6	< 1.6	< 0.68	< 0.68	< 0.68	< 1.4	< 1.4	< 1.4	< 0.68
Naphthalene	10	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.88	< 0.44	< 0.088	< 1.2	< 1.2	< 5.6	< 5.6	< 0.34	< 0.16	< 0.16	< 0.16	< 0.32	< 0.32	< 0.32	< 0.16
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 1.4	< 0.7	< 0.14	< 0.71	< 0.71	< 4.3	< 4.3	< 0.39	< 0.13	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.13
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	4.0 J	< 1.1	< 0.21	< 1.7	< 1.7	< 7.3	< 7.3	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 1.0	< 0.5	< 0.10	< 0.81	< 0.81	< 1.7	< 1.7	< 0.41	< 0.13	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.13
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.58	< 0.29	< 0.058	< 0.26	< 0.26	< 1.7	< 1.7	< 0.22	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.85	< 0.43	< 0.085	< 0.80	< 0.80	< 5.2	< 5.2	< 0.36	< 0.17	< 0.17	< 0.17	< 0.34	< 0.34	< 0.34	< 0.17
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 1.3	< 0.65	< 0.13	< 0.85	< 0.85	< 2.1	< 2.1	< 0.40	< 0.15	< 0.15	< 0.15	< 0.3	< 0.30	< 0.30	< 0.15
Styrene	10	100	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.39	< 0.65	0.35 BJ	< 0.065	< 0.47	< 3.0	< 1.8	< 1.8	< 0.39	< 0.1	< 0.1	< 0.1	< 0.2	< 0.20	< 0.20	< 0.10
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 1.2	< 0.6	< 0.12	< 0.30	< 0.30	< 2.9	< 2.9	< 0.40	< 0.14	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.14
Tetrachloroethene	0.5	5	***130***	***160***	***130***	***220***	***300***	***100***	***160***	***150***	***160***	***160***	***120***	***232***	***159***	***214 J+***	***301***	***290***	***230***	***440***	***660***	***690***	***890***	***930***	***790***
Toluene	160	800	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.15	1.5 J	< 0.27	< 0.053	< 0.17	< 0.27	< 1.4	< 1.4	< 0.15	< 0.11	< 0.11	< 0.11	< 0.22	< 0.22	< 0.22	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	< 1.1	< 0.55	< 0.11	< 1.1	< 0.46	< 2.6	< 2.6	< 0.35	< 0.25	< 0.25	0.51 J	< 0.5	1.2 J	< 0.50	< 0.25
Trichloroethene	0.5	5	***11***	***15***	***12***	***19***	***24***	***12***	***16***	***14***	***19***	***14***	***10***	***19.1***	***19.1***	***18.8***	***25.1***	***22***	***16***	***41***	***65***	***72***	***92***	***93***	***74***
Trichlorofluoromethane	698	3490	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.5	< 0.13	< 0.21	< 0.21	< 2.1	< 2.1	< 0.43	< 0.19	< 0.19	< 0.19	< 0.38	< 2.0	< 2.0	< 1.0
Vinyl chloride	0.02	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.20	< 1.6	< 0.8	***0.19 J+***	< 0.17	< 0.17	< 0.87	< 0.87	< 0.20	< 0.1	< 0.1	< 0.1	< 0.2	< 0.20	***0.46 J***	< 0.10
Xylenes, Total	400	2000	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.22	< 0.58	< 0.58	< 0.12	< 1.5	< 1.5	< 5.2	< 5.2	< 0.22	< 0.068	< 0.068	< 0.068	< 0.14	< 0.14	< 0.14	< 0.068
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	100 - 105 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft	120 - 125 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/15/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/13/2020	10/12/2021	10/18/2022	10/10/2023	01/22/2013	04/15/2013	07/22/2013	10/08/2013	04/15/2014	10/16/2014	04/14/2015	10/15/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/13/2020	10/12/2021
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 0.46	< 2.2	< 2.2	< 5.5	< 0.27	< 0.27	< 7.1	< 1.8	< 0.46	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.92	< 11	< 5.5	< 5.5	< 0.27	< 0.27	< 7.1
1,1,1-Trichloroethane	40	200	< 0.38	< 2.0	< 2	< 5.0	< 0.24	< 0.24	< 6.1	< 1.5	< 0.38	< 0.4	< 0.4	< 1	< 1	< 1.0	< 1.0	< 1.0	< 0.76	< 10	< 5	< 5.0	< 0.24	< 0.24	< 6.1
1,1,2-Trichloroethane	0.5	5	< 0.35	< 2.0	< 2	< 5.0	< 0.55	< 0.55	< 6.9	< 1.7	< 0.35	< 0.56	< 0.56	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.70	< 10	< 5	< 5.0	< 0.55	< 0.55	< 6.9
1,1-Dichloroethene	0.7	7	< 0.39	< 2.8	< 2.8	< 7.0	< 0.24	< 0.24	< 11.6	< 2.9	< 0.39	< 0.62	< 0.62	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.78	< 14	< 7	< 7.0	< 0.24	< 0.24	< 11.6
1,2,4-Trimethylbenzene	96	480	< 0.36	< 1.2	< 1.2	< 3.0	< 0.84	< 0.84	< 9.0	< 2.2	< 0.36	< 0.28	< 0.28	< 0.7	< 0.7	< 0.70	< 0.70	< 0.70	< 0.72	< 6.0	< 3	< 3.0	< 0.84	< 0.84	< 9.0
1,2-Dibromoethane	0.005	0.05	< 0.39	< 2.6	< 2.6	< 6.5	< 0.83	< 0.83	< 6.2	< 1.5	< 0.39	< 0.72	< 0.72	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 0.77	< 13	< 6.5	< 6.5	< 0.83	< 0.83	< 6.2
1,2-Dichlorobenzene	60	600	< 0.33	< 1.5	< 1.5	< 3.8	< 0.71	< 0.71	< 6.5	< 1.6	< 0.33	< 0.54	< 0.54	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.67	< 7.6	< 3.8	< 3.8	< 0.71	< 0.71	< 6.5
1,2-Dichloroethane	0.5	5	< 0.39	< 1.6	< 1.6	< 3.9	< 0.28	< 0.28	< 5.8	< 1.5	< 0.39	< 0.56	< 0.56	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.78	< 7.8	< 3.9	< 3.9	< 0.28	< 0.28	< 5.8
1,2-Dichloropropane	0.5	5	< 0.43	< 2.0	< 2	< 5.0	< 0.28	< 0.28	< 9.0	< 2.2	< 0.43	< 0.4	< 0.4	< 1	< 1	< 1.0	< 1.0	< 1.0	< 0.86	< 10	< 5	< 5.0	< 0.28	< 0.28	< 9.0
1,2,3-Trichlorobenzene	NE	NE	< 0.46	< 0.90	< 0.9	< 2.3	< 0.63	< 2.2	< 20.4	< 5.1	< 0.46	< 0.48	< 0.48	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.92	< 4.5	< 2.3	< 2.3	< 0.63	< 2.2	< 20.4
1,2,4-Trichlorobenzene	14	70	< 0.34	< 1.5	< 1.5	< 3.9	< 0.95	< 0.95	< 19.0	< 4.8	< 0.34	< 0.62	< 0.62	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.68	< 7.7	< 3.9	< 3.9	< 0.95	< 0.95	< 19.0
1,3,5-Trimethylbenzene	96	480	< 0.25	< 1.5	< 1.5	< 3.8	< 0.87	< 0.87	< 7.1	< 1.8	< 0.25	< 0.36	< 0.36	< 0.9	< 0.9	< 0.90	< 0.90	< 0.90	< 0.51	< 7.5	< 3.8	< 3.8	< 0.87	< 0.87	< 7.1
2-Butanone	800	4000	NA	< 60	< 60	< 150	< 2.9	< 2.9	< 130	< 32.6	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	< 300	< 150	< 150	< 2.9	< 2.9	< 130
2-Hexanone	NE	NE	NA	< 19	< 19	< 48	< 2.5	< 5.2	< 126	< 31.4	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 95	< 48	< 48	< 2.5	< 5.2	< 126
4-Methyl-2-pentanone	50	500	NA	< 15	< 15	< 39	< 1.5	< 4.6	< 119	< 29.8	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	< 77	< 39	< 39	< 1.5	< 4.6	< 119
Acetone	1800	9000	NA	< 68	< 68	< 170	< 2.7	< 2.7	< 173	< 43.2	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	< 340	< 170	< 170	< 2.7	< 2.7	< 173
Benzene	0.5	5	< 0.15	< 1.8	< 1.8	< 4.5	< 0.25	< 0.25	< 5.9	< 1.5	< 0.15	< 0.15	< 0.15	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.29	< 8.9	< 4.5	< 4.5	< 0.25	< 0.25	< 5.9
Bromodichloromethane	0.06	0.6	< 0.37	< 1.5	< 1.5	< 3.9	< 0.36	< 0.36	< 8.3	< 2.1	< 0.37	< 0.34	< 0.34	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.74	< 7.7	< 3.9	< 3.9	< 0.36	< 0.36	< 8.3
Bromoform	0.44	4.4	< 0.48	< 1.8	< 1.8	< 4.4	< 4.0	< 4.0	< 76.0	< 19.0	< 0.48	< 0.56	< 0.56	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.97	< 8.8	< 4.4	< 4.4	< 4.0	< 4.0	< 76.0
Bromomethane	1	10	< 0.80	< 12	< 12	< 30	< 0.97	< 0.97	< 23.8	< 6.0	< 0.80	< 0.62	< 0.62	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 59	< 30	< 30	< 0.97	< 0.97	< 23.8
Carbon disulfide	200	1000	NA	5.6 J	< 1.1	< 2.7	< 0.37	< 0.45	< 22.0	< 5.5	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	29 J	< 2.7	< 2.7	< 0.37	< 0.45	< 22.0
Carbon tetrachloride	0.5	5	< 0.38	< 0.76	< 0.76	< 1.9	< 0.17	< 1.1	< 7.4	< 1.8	< 0.38	< 0.52	< 0.52	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.77	< 3.8	< 1.9	< 1.9	< 0.17	< 1.1	< 7.4
Chloroethane	80	400	< 0.47	< 5.0	< 5	< 13	< 1.3	< 1.3	< 27.6	< 6.9	< 0.51	< 0.68	< 0.68	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 0.94	< 25	< 13	< 13	< 1.3	< 1.3	< 27.6
Chloroform	0.6	6	< 0.37	< 1.2	< 1.2	< 3.1	< 1.3	< 1.3	< 23.7	< 5.9	< 0.37	< 0.4	< 0.4	< 1	< 1	< 1.0	< 1.0	< 1.0	< 0.74	< 6.2	< 3.1	< 3.1	< 1.3	< 1.3	< 23.7
Chloromethane	3	30	< 0.32	***21 BJ***	< 3.2	< 17 U	< 2.2	< 2.2	< 32.7	< 8.2	< 0.32	< 0.36	< 0.36	< 0.9	< 0.9	< 0.90	< 0.90	< 0.90	< 0.64	***96 BJ***	< 8	< 8.0	< 2.2	< 2.2	< 32.7
cis-1,2-Dichloroethene	7	70	***77***	***61***	***79***	***69***	***52.5***	***37.3***	***26.8***	***36.3***	***30***	***200***	***230***	***250***	***220***	***230***	***260***	***200***	***230***	***220***	***140***	***85***	***53.5***	***34.4***	***33.3***
Di-isopropyl ether	NE	NE	< 0.28	< 3.0	< 3	< 7.5	< 1.9	< 1.9	< 22.0	< 5.5	< 0.28	< 0.3	< 0.3	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.55	< 15	< 7.5	< 7.5	< 1.9	< 1.9	< 22.0
Dichlorodifluoromethane	200	1000	< 0.54	< 2.2	< 2.2	< 5.5	< 0.50	< 0.50	< 9.1	< 2.3	< 0.67	< 0.4	< 0.4	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.1	< 11	< 5.5	< 5.5	< 0.50	< 0.50	< 9.1
Ethylbenzene	140	700	< 0.18	< 1.1	< 1.1	< 2.7	< 0.22	< 0.32	< 6.5	< 1.6	< 0.18	< 0.26	< 0.26	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.37	< 5.4	< 2.7	< 2.7	< 0.22	< 0.32	< 6.5
Isopropylbenzene	NE	NE	< 0.39	< 1.6	< 1.6	< 4.1	< 0.39	< 1.7	< 20.0	< 5.0	< 0.39 J-	< 0.28	< 0.28	< 0.7	< 0.7	< 0.70	< 0.70	< 0.70	< 0.77	< 8.1	< 4.1	< 4.1	< 0.39	< 1.7	< 20.0
m,p-Xylene	400	2000	NA	< 1.1	< 1.1	< 2.9	< 0.47	< 0.47	< 14.0	< 3.5	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	< 5.7	< 2.9	< 2.9	< 0.47	< 0.47	< 14.0
Methyl tert-butyl ether	12	60	< 0.39	< 2.8	< 2.8	< 7.0	< 1.2	< 1.2	< 22.6	< 5.6	< 0.39	< 0.48	< 0.48	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.79	< 14	< 7	< 7.0	< 1.2	< 1.2	< 22.6
Methylene chloride	0.5	5	< 1.6	< 2.8	< 2.8	< 7.0	< 0.58	< 0.58	< 6.4	< 1.6	< 1.6	< 1.4	< 1.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.3	< 14	< 7	< 7.0	< 0.58	< 0.58	< 6.4
Naphthalene	10	100	< 0.34	< 1.8	< 1.8	< 4.4	< 1.2	< 1.2	< 22.6	< 5.6	< 0.34	< 0.32	< 0.32	< 0.8	< 0.8	< 0.80	< 0.80	< 0.80	< 0.67	< 8.8	< 4.4	< 4.4	< 1.2	< 1.2	< 22.6
n-Butylbenzene	NE	NE	< 0.39	< 2.8	< 2.8	< 7.0	< 0.71	< 0.71	< 17.1	< 4.3	< 0.39	< 0.26	< 0.26	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.78	< 14	< 7	< 7.0	< 0.71	< 0.71	< 17.1
n-Hexane	120	600	NA	6.2 J	< 4.2	< 11	< 1.7	< 1.7	< 29.2	< 7.3	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	< 21	< 11	< 11	< 1.7	< 1.7	< 29.2
n-Propylbenzene	NE	NE	< 0.41	< 2.0	< 2	< 5.0	< 0.81	< 0.81	< 6.9	< 1.7	< 0.41	< 0.26	< 0.26	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.83	< 10	< 5	< 5.0	< 0.81	< 0.81	< 6.9
o-Xylene	400	2000	NA	< 1.2	< 1.2	< 2.9	< 0.26	< 0.26	< 7.0	< 1.7	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	< 5.8	< 2.9	< 2.9	< 0.26	< 0.26	< 7.0
p-Isopropyltoluene	NE	NE	< 0.36	< 1.7	< 1.7	< 4.3	< 0.80	< 0.80	< 20.9	< 5.2	< 0.36	< 0.34	< 0.34	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.72	< 8.5	< 4.3	< 4.3	< 0.80	< 0.80	< 20.9
sec-Butylbenzene	NE	NE	< 0.40	< 2.6	< 2.6	< 6.5	< 0.85	< 0.85	< 8.5	< 2.1	< 0.40	< 0.3	< 0.3	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.80	< 13	< 6.5	< 6.5	< 0.85	< 0.85	< 8.5
Styrene	10	100	< 0.39	< 1.3	1.6 BJ	< 3.3	< 0.47	< 3.0	< 7.1	< 1.8	< 0.39	< 0.2	< 0.2	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.77	< 6.5	4 BJ	< 3.3	< 0.47	< 3.0	< 7.1
tert-Butylbenzene	NE	NE	< 0.40	< 2.4	< 2.4	< 6.0	< 0.30	< 0.30	< 11.7	< 2.9	< 0.40	< 0.28	< 0.28	< 0.7	< 0.7	< 0.70	< 0.70	< 0.70	< 0.80	< 12	< 6	< 6.0	< 0.30	< 0.30	< 11.7
Tetrachloroethene	0.5	5	***850***	***910***	***820***	***990***	***867***	***581***	***710 J+***	***1050***	***580***	***1100***	***1900***	***2100***	***1800***	***2000***	***2300***	***1700***	***2200***	***2900***	***2300***	***1700***	***1160***	***943***	***1050 J+***
Toluene	160	800	< 0.15	2.8 J	< 1.1	< 2.7	< 0.17	< 0.27	< 5.8	< 1.4	< 0.15	< 0.22	< 0.22	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.30	12 J	< 2.7	< 2.7	< 0.17	< 0.27	< 5.8
trans-1,2-Dichloroethene	20	100	0.54 J	< 2.2	< 2.2	< 5.5	< 1.1	< 0.46	< 10.6	< 2.6	< 0.35	1.3 J	1.7 J	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	1.6 J	< 11	< 5.5	< 5.5	< 1.1	< 0.46	< 10.6
Trichloroethene	0.5	5	***83***	***81***	***85***	***80***	***76.9***	***67***	***46.6***	***65.3***	***55***	***160***	***210***	***220***	***190***	***210***	***280***	***190***	***220***	***250***	***190***	***110***	***71.7***	***56.9***	***60.4***
Trichlorofluoromethane	698	3490	< 1.0	< 10	< 10	< 6.5	< 0.21	< 0.21	< 8.4	< 2.1	< 0.43	< 0.38	< 0.38	< 0.95	< 0.95	< 5.0	< 5.0	< 5.0	< 2.0	< 50	< 25	< 6.5	< 0.21	< 0.21	< 8.4
Vinyl chloride	0.02	0.2	< 0.20	< 3.2	< 3.2	< 8.0	***0.38 J***	***0.22 J***	< 3.5	< 0.87	< 0.20	< 0.2	***1***	***1.9 J***	< 0.5	< 0.50	***1.6 J***	< 0.50	< 0.41	< 16	< 8	< 8.0	< 0.17	< 0.17	< 3.5
Xylenes, Total	400	2000	< 0.22	< 1.2	< 2.3	< 5.8	< 1.5	< 1.5	< 21.0	< 5.2	< 0.22	< 0.14	< 0.14	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.44	< 5.8	< 5.8	< 5.8	< 1.5	< 1.5	< 21.0
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Notes on Page 63.																									

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	120 - 125 ft	120 - 125 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	142 - 146 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/18/2022	10/10/2023	01/22/2013	04/15/2013	07/22/2013	10/08/2013	04/15/2014	10/16/2014	04/14/2015	10/15/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/13/2020	10/12/2021	10/18/2022	10/10/2023	01/22/2013	04/15/2013	07/22/2013	10/08/2013	04/15/2014
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 3.6	< 0.46	< 0.25	< 0.25	< 0.25	< 0.5	< 0.50	< 0.50	< 0.50	< 0.92	< 4.4	< 5.5	< 5.5	< 0.27	< 0.27	< 7.1	< 7.1	< 0.92	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 3.0	< 0.38	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.40	< 0.76	< 4.0	< 5	< 5.0	< 0.24	< 0.24	< 6.1	< 6.1	< 0.76	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
1,1,2-Trichloroethane	0.5	5	< 3.4	< 0.35	< 0.28	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.56	< 0.70	< 4.0	< 5	< 5.0	< 0.55	< 0.55	< 6.9	< 6.9	< 0.70	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 5.8	< 0.39	< 0.31	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.62	< 0.78	< 5.6	< 7	< 7.0	0.31 J	< 0.24	< 11.6	< 11.6	< 0.78	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 4.5	< 0.36	< 0.14	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.28	< 0.72	< 2.4	< 3	< 3.0	< 0.84	< 0.84	< 9.0	< 9.0	< 0.72	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 3.1	< 0.39	< 0.36	< 0.36	< 0.36	< 0.72	< 0.72	< 0.72	< 0.72	< 0.77	< 5.2	< 6.5	< 6.5	< 0.83	< 0.83	< 6.2	< 6.2	< 0.77	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 3.3	< 0.33	< 0.27	< 0.27	< 0.27	< 0.54	< 0.54	< 0.54	< 0.54	< 0.67	< 3.0	< 3.8	< 3.8	< 0.71	< 0.71	< 6.5	< 6.5	< 0.67	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 2.9	< 0.39	< 0.28	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.56	< 0.78	< 3.1	< 3.9	< 3.9	< 0.28	< 0.28	< 5.8	< 5.8	< 0.78	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 4.5	< 0.43	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.40	< 0.86	< 4.0	< 5	< 5.0	< 0.28	< 0.28	< 9.0	< 9.0	< 0.86	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 10.2	< 0.46	< 0.24	< 0.24	< 0.24	< 0.48	< 0.48	< 0.48	< 0.48	< 0.92	< 1.8	< 2.3	< 2.3	< 0.63	< 2.2	< 20.4	< 20.4	< 0.92	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 9.5	< 0.34	< 0.31	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.62	< 0.68	< 3.1	< 3.9	< 3.9	< 0.95	< 0.95	< 19.0	< 19.0	< 0.68	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 3.6	< 0.25	< 0.18	< 0.18	< 0.18	< 0.36	< 0.36	< 0.36	< 0.36	< 0.51	< 3.0	< 3.8	< 3.8	< 0.87	< 0.87	< 7.1	< 7.1	< 0.51	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	< 65.2	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	< 120	< 150	< 150	< 2.9	< 2.9	< 130	< 130	< 4.2	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 62.8	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 38	< 48	< 48	< 2.5	< 5.2	< 126	< 126	< 3.1	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 59.5	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	< 31	< 39	< 39	< 1.5	< 4.6	< 119	< 119	< 4.3	NA	NA	NA	NA	NA
Acetone	1800	9000	< 86.4	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	< 140	230 J	< 170	< 2.7	< 2.7	< 173	< 173	< 3.5	NA	NA	NA	NA	NA
Benzene	0.5	5	< 3.0	< 0.15	< 0.074	< 0.074	< 0.074	< 0.15	< 0.15	0.37 J	< 0.15	< 0.29	< 3.6	< 4.5	< 4.5	< 0.25	< 0.25	< 5.9	< 5.9	< 0.29	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 4.2	< 0.37	< 0.17	< 0.17	< 0.17	< 0.34	< 0.34	< 0.34	< 0.34	< 0.74	< 3.1	< 3.9	< 3.9	< 0.36	< 0.36	< 8.3	< 8.3	< 0.74	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Bromoform	0.44	4.4	< 38.0	< 0.48	< 0.28	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.56	< 0.97	< 3.5	< 4.4	< 4.4	< 4.0	< 4.0	< 76.0	< 76.0	< 0.97	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 11.9	< 0.80	< 0.31	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.62	< 1.6	< 24	< 30	< 30	< 0.97	< 0.97	< 23.8	< 23.8	< 1.6	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
Carbon disulfide	200	1000	< 11.0	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	10 J	< 2.7	< 2.7	< 0.37	< 0.45	< 22.0	< 22.0	< 0.90	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 3.7	< 0.38	< 0.26	< 0.26	< 0.26	< 0.52	< 0.52	< 0.52	< 0.52	< 0.77	< 1.5	< 1.9	< 1.9	< 0.17	< 1.1	< 7.4	< 7.4	< 0.77	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Chloroethane	80	400	< 13.8	< 0.51	< 0.34	< 0.34	< 0.34	< 0.68	< 0.68	< 0.68	< 0.68	< 0.94	< 10	< 13	< 13	< 1.3	< 1.3	< 27.6	< 27.6	< 1.0	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 11.8	< 0.37	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.40	< 0.74	< 2.5	< 3.1	< 3.1	< 1.3	< 1.3	< 23.7	< 23.7	< 0.74	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
Chloromethane	3	30	< 16.4	< 0.32	< 0.18	< 0.18	< 0.18	< 0.36	< 0.36	< 0.36	< 0.36	< 0.64	***35 BJ***	***9.5 J+***	< 14 U	< 2.2	< 2.2	< 32.7	< 32.7	< 0.64	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	***34.7***	***38***	***9.7***	***75***	***110***	***140***	***140***	***150***	***140***	***190***	***180***	***180***	***160***	***173***	***118***	***86.2***	***97***	***89***	***9.5***	6.7	6.0	***16***	***17***
Di-isopropyl ether	NE	NE	< 11.0	< 0.28	< 0.15	< 0.15	< 0.15	< 0.3	< 0.30	< 0.30	< 0.30	< 0.55	< 6.0	< 7.5	< 7.5	< 1.9	< 1.9	< 22.0	< 22.0	< 0.55	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 4.6	< 0.67	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.40	< 1.1	< 4.4	< 5.5	< 5.5	< 0.50	< 0.50	< 9.1	< 9.1	< 1.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20
Ethylbenzene	140	700	< 3.3	< 0.18	< 0.13	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.26	< 0.37	< 2.2	< 2.7	< 2.7	< 0.22	< 0.32	< 6.5	< 6.5	< 0.37	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 10.0	< 0.39 J-	< 0.14	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.28	< 0.77	< 3.2	< 4.1	< 4.1	< 0.39	< 1.7	< 20.0	< 20.0	< 0.77 J-	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
m,p-Xylene	400	2000	< 7.0	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	< 2.3	3 BJ	< 2.9	< 0.47	< 0.47	< 14.0	< 14.0	< 0.36	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 11.3	< 0.39	2.0	< 0.24	< 0.24	< 0.48	< 0.48	< 0.48	< 0.48	< 0.79	< 5.6	< 7	< 7.0	< 1.2	< 1.2	< 22.6	< 22.6	< 0.79	2.5	1.6	0.86 J	0.90 J	< 0.24
Methylene chloride	0.5	5	< 3.2	< 1.6	< 0.68	< 0.68	< 0.68	< 1.4	< 1.4	< 1.4	< 1.4	< 3.3	< 5.6	< 7	< 7.0	< 0.58	< 0.58	< 6.4	< 6.4	< 3.3	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Naphthalene	10	100	< 11.3	< 0.34	< 0.16	< 0.16	< 0.16	< 0.32	< 0.32	< 0.32	< 0.32	< 0.67	< 3.5	< 4.4	< 4.4	< 1.2	< 1.2	< 22.6	< 22.6	< 0.67	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 8.6	< 0.39	< 0.13	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.26	< 0.78	< 5.6	< 7	< 7.0	< 0.71	< 0.71	< 17.1	< 17.1	< 0.78	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
n-Hexane	120	600	< 14.6	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	15 J	< 11	< 11	< 1.7	< 1.7	< 29.2	< 29.2	< 0.98 UJ	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 3.5	< 0.41	< 0.13	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.26	< 0.83	< 4.0	< 5	< 5.0	< 0.81	< 0.81	< 6.9	< 6.9	< 0.83	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000	< 3.5	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	< 2.3	< 2.9	< 2.9	< 0.26	< 0.26	< 7.0	< 7.0	< 0.44	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 10.4	< 0.36	< 0.17	< 0.17	< 0.17	< 0.34	< 0.34	< 0.34	< 0.34	< 0.72	< 3.4	< 4.3	< 4.3	< 0.80	< 0.80	< 20.9	< 20.9	< 0.72	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 4.2	< 0.40	< 0.15	< 0.15	< 0.15	< 0.3	< 0.30	< 0.30	< 0.30	< 0.80	< 5.2	< 6.5	< 6.5	< 0.85	< 0.85	< 8.5	< 8.5	< 0.80	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Styrene	10	100	< 3.6	< 0.39	< 0.1	< 0.1	< 0.1	< 0.2	< 0.20	< 0.20	< 0.20	< 0.77	< 2.6	3.5 BJ	< 3.3	< 0.47	< 3.0	< 7.1	< 7.1	< 0.77	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10
tert-Butylbenzene	NE	NE	< 5.9	< 0.40	< 0.14	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.28	< 0.80	< 4.8	< 6	< 6.0	< 0.30	< 0.30	< 11.7	< 11.7	< 0.80	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	***1000***	***810***	***170***	***580***	***640***	***840***	***970***	***1000***	***970***	***1100***	***1300***	***1800***	***1900***	***2170***	***1620***	***1320 J+***	***1480***	***1700***	***240***	***140***	***110***	***100***	***73***
Toluene	160	800	< 2.9	< 0.15	< 0.11	< 0.11	< 0.11	< 0.22	< 0.22	< 0.22	< 0.22	< 0.30	4.8 J	3 J	< 2.7	< 0.17	< 0.27	< 5.8	< 5.8	< 0.30	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 5.3	< 0.35	< 0.25	0.86 J	0.97 J	1.4 J	1.5 J	1.3 J	< 0.50	1.4 J	< 4.4	< 5.5	< 5.5	1.4 J	0.91 J	< 10.6	< 10.6	< 0.70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Trichloroethene	0.5	5	***59.1***	***67***	***14***	***78***	***100***	***130***	***130***	***140***	***130***	***170***	***170***	***180***	***160***	***191***	***152***	***104***	***114***	***120***	***17***	***12***	***7.7***	***12***	***12***
Trichlorofluoromethane	698	3490	< 4.2	< 0.43	< 0.19	< 0.19	< 0.19	< 0.38	< 2.0	< 2.0	< 2.0	< 2.0	< 20	< 25	< 6.5	< 0.21	< 0.21	< 8.4	< 8.4	< 0.85	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0
Vinyl chloride	0.02	0.2	< 1.7	< 0.20	< 0.1	***0.39 J***	***0.58***	***0.76 J***	< 0.20	***0.72 J***	< 0.20	< 0.41	< 6.4	< 8	< 8.0	***0.70 J***	***0.42 J***	< 3.5	< 3.5	< 0.41	< 0.1	< 0.1	< 0.1	***0.34 J***	< 0.10
Xylenes, Total	400	2000	< 10.5	< 0.22	< 0.068	< 0.068	< 0.068	< 0.14	< 0.14	< 0.14	< 0.14	< 0.44	< 2.3	< 5.8	< 5.8	< 1.5	< 1.5	< 21.0	< 21.0	< 0.44	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-15	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	177 - 187 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft	177 - 187 ft	80 - 84 ft	80 - 84 ft	80 - 84 ft	80 - 84 ft	80 - 84 ft	80 - 84 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/16/2014	04/14/2015	10/15/2015	10/10/2016	10/03/2017	10/09/2018	10/08/2019	10/13/2020	10/12/2021	10/18/2022	10/10/2023	01/22/2013	04/16/2013	07/23/2013	10/09/2013	04/15/2014	10/16/2014	01/22/2013	04/16/2013	07/23/2013	10/09/2013	04/15/2014	10/16/2014
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	< 0.46	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	< 0.38	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.35	< 0.10	< 0.1	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	< 0.35	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 0.39	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.36	< 0.060	< 0.06	< 0.060	< 0.84	< 0.84	< 0.45	< 0.45	< 0.36	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	< 0.39	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.29	< 0.29	< 0.39	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	< 0.43	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	< 0.46	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.87	< 0.87	< 0.36	< 0.36	< 0.25	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	NA	NA	NA	< 3.0	< 3	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 2.5	< 5.2	< 6.3	< 6.3	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	< 3.4	< 3.4	< 5.4 U	< 2.7	< 2.7	< 8.6	< 8.6	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	0.23 J	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	< 0.15	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	< 0.37	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	< 0.48	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 0.31	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 0.80	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
Carbon disulfide	200	1000	NA	NA	NA	< 0.053	< 0.053	0.080 J	< 0.37	< 0.45	< 1.1	< 1.1	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	< 0.38	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Chloroethane	80	400	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	< 0.51	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.2	< 1.2	< 0.37	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20
Chloromethane	3	30	< 0.18	< 0.18	< 0.32	< 0.16	0.37 J+	< 0.66 U	< 2.2	< 2.2	< 1.6	< 1.6	< 0.32	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	***31***	***33***	5.2	0.60	0.48 J	0.50	< 0.27	< 0.27	< 0.47	< 0.47	< 0.41	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	2.6	5.8	***9.5***	***10***	5.4	***10***
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.1	< 1.1	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	< 0.67	< 0.2	< 0.2	< 0.2 *	< 0.2	< 0.20	< 0.20	< 0.2	< 0.2	< 0.2 *	< 0.2	< 0.20	< 0.20
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.18	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 0.39 J-	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
m,p-Xylene	400	2000	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 0.39	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
Methylene chloride	0.5	5	< 0.68	< 0.68	< 1.6	< 0.14	< 0.14	< 0.29 U	< 0.58	< 0.58	< 0.32	< 0.32	< 1.6	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Naphthalene	10	100	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.15 U	< 1.2	< 1.2	< 1.1	< 1.1	< 0.34	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.86	< 0.86	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
n-Hexane	120	600	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.41	< 0.10	< 0.1	< 0.10	< 0.81	< 0.81	< 0.35	< 0.35	< 0.41	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.35	< 0.35	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.80	< 0.80	< 1.0	< 1.0	< 0.36	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.42	< 0.42	< 0.40	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Styrene	10	100	< 0.10	< 0.10	< 0.39	< 0.065	0.07 BJ	< 0.065	< 0.47	< 3.0	< 0.36	< 0.36	< 0.39	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.59	< 0.59	< 0.40	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	***86***	***130***	***38***	***10***	***8.9***	***8.5***	***4.2***	***4***	***2.7 J+***	***4.4***	***4***	***0.76 J***	< 0.17	< 0.17	***0.76 J***	***0.56 J***	< 0.17	***23***	***330***	***90***	***94***	***330***	***110***
Toluene	160	800	< 0.11	< 0.11	< 0.15	0.11 J	< 0.053	< 0.053	< 0.17	< 0.27	< 0.29	< 0.29	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.35	< 0.11	< 0.11	< 0.11	< 1.1	< 0.46	< 0.53	< 0.53	< 0.35	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Trichloroethene	0.5	5	***21***	***26***	***5.8***	***1.4***	***0.95***	***0.89***	0.43 J	0.32 J	< 0.32	< 0.32	0.25 J	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	***3.8***	***44***	***12***	***13***	***30***	***16***
Trichlorofluoromethane	698	3490	< 1.0	< 1.0	< 1.0	< 0.50	< 0.5	< 0.13	< 0.21	< 0.21	< 0.42	< 0.42	< 0.43	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0
Vinyl chloride	0.02	0.2	***0.39 J***	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10
Xylenes, Total	400	2000	< 0.068	< 0.068	< 0.22	< 0.058	< 0.12	< 0.12	< 1.5	< 1.5	< 1.0	< 1.0	< 0.22	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	106 - 116 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft	106 - 116 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/13/2015	10/15/2015	10/11/2016	10/02/2017	10/08/2018	10/09/2019	10/13/2020	10/12/2021	10/18/2022	10/10/2023	01/22/2013	04/16/2013	07/23/2013	10/09/2013	04/15/2014	10/16/2014	04/13/2015	10/15/2015	01/20/2016	04/19/2016	07/18/2016	10/11/2016	1/18/2017
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.46	< 0.22	< 0.11	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	< 0.46	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.22	< 0.11	< 0.11	< 0.11
1,1,1-Trichloroethane	40	200	< 0.20	< 0.38	< 0.20	< 0.1	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	< 0.38	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.20	< 0.10	< 0.10	< 0.10
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.35	< 0.20	< 0.1	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	< 0.35	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.20	< 0.10	< 0.10	< 0.10
1,1-Dichloroethene	0.7	7	< 0.31	< 0.39	< 0.28	< 0.14	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 0.39	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.28	< 0.14	< 0.14	< 0.14
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.36	< 0.12	< 0.06	< 0.060	< 0.84	< 0.84	< 0.45	< 0.45	< 0.36	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 0.12	< 0.060	< 0.060	< 0.060
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.39	< 0.26	< 0.13	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	< 0.39	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.26	< 0.13	< 0.13	< 0.13
1,2-Dichlorobenzene	60	600	< 0.27	< 0.33	< 0.15	< 0.076	< 0.076	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	< 0.15	< 0.076	< 0.076	< 0.076
1,2-Dichloroethane	0.5	5	< 0.28	< 0.39	< 0.16	< 0.078	< 0.078	< 0.28	< 0.28	< 0.29	< 0.29	< 0.39	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.16	< 0.078	< 0.078	< 0.078
1,2-Dichloropropane	0.5	5	< 0.20	< 0.43	< 0.20	< 0.1	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	< 0.43	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.20	< 0.10	< 0.10	< 0.10
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.46	< 0.090	< 0.045	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	< 0.46	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.090	< 0.045	< 0.045	< 0.045
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.34	< 0.15	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	< 0.15	< 0.077	< 0.077	< 0.077
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.25	< 0.15	< 0.075	< 0.075	< 0.87	< 0.87	< 0.36	< 0.36	< 0.25	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 0.15	< 0.075	< 0.075	< 0.075
2-Butanone	800	4000	NA	NA	< 6.0	< 3	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 6.0	< 3.0	< 3.0	< 3.0
2-Hexanone	NE	NE	NA	NA	< 1.9	< 0.95	< 0.95	< 2.5	< 5.2	< 6.3	< 6.3	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	2.2 J	< 1.9	< 0.95	< 0.95	< 0.95
4-Methyl-2-pentanone	50	500	NA	NA	< 1.5	< 0.77	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 1.5	< 0.77	< 0.77	< 0.77
Acetone	1800	9000	NA	NA	< 6.8	6.2 J	< 3.6 U	< 2.7	< 2.7	< 8.6	< 8.6	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 6.8	< 3.4	< 3.4	< 3.4
Benzene	0.5	5	< 0.074	< 0.15	< 0.18	< 0.089	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	< 0.15	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.089	< 0.18	< 0.089	< 0.089	< 0.089
Bromodichloromethane	0.06	0.6	< 0.17	< 0.37	< 0.15	< 0.077	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	< 0.37	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 0.15	< 0.077	< 0.077	< 0.077
Bromoform	0.44	4.4	< 0.28	< 0.48	< 0.18	< 0.088	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	< 0.48	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.18	< 0.088	< 0.088	< 0.088
Bromomethane	1	10	< 0.31	< 0.80	< 1.2	< 0.59	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 0.80	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.80	< 0.59	< 1.2	< 0.59	< 0.59	< 0.59
Carbon disulfide	200	1000	NA	NA	< 0.11	< 0.053	< 0.053	< 0.37	< 0.45	< 1.1	< 1.1	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.11	< 0.053	< 0.053	< 0.053
Carbon tetrachloride	0.5	5	< 0.26	< 0.38	< 0.076	< 0.038	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	< 0.38	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.076	< 0.038	< 0.038	< 0.038
Chloroethane	80	400	< 0.34	< 0.47	< 0.50	< 0.25	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	< 0.51	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.50	< 0.25	< 0.25	< 0.25
Chloroform	0.6	6	< 0.20	< 0.37	< 0.12	< 0.062	< 0.062	< 1.3	< 1.3	< 1.2	< 1.2	< 0.37	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	< 0.12	< 0.062	< 0.062	< 0.062
Chloromethane	3	30	< 0.18	< 0.32	0.74 BJ	1.6 J	< 0.65 U	< 2.2	< 2.2	< 1.6	< 1.6	< 0.32	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	< 0.16	< 0.32	< 0.16	0.60 BJ	0.55 BJ
cis-1,2-Dichloroethene	7	70	6.4	**7**	6.4	4.5	5.1	6.8	5.5	4.7	4.6	3.6	1.9	1.2	< 0.12	< 0.12	1.4	1.4	1.2	1.2	1.2	1.4	1.4	1.7	1.5 B
Di-isopropyl ether	NE	NE	< 0.15	< 0.28	< 0.30	< 0.15	< 0.15	< 1.9	< 1.9	< 1.1	< 1.1	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 0.30	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.20	< 0.54	< 0.22	< 0.11	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	< 0.67	< 0.2	< 0.2	< 0.2 *	< 0.2	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.22	< 0.11	< 0.11	< 0.11
Ethylbenzene	140	700	< 0.13	< 0.18	< 0.11	< 0.054	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.18	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.054	< 0.11	< 0.054	< 0.054	< 0.054
Isopropylbenzene	NE	NE	< 0.14	< 0.39	< 0.16	< 0.081	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 0.39 J-	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 0.16	< 0.081	< 0.081	< 0.081
m,p-Xylene	400	2000	NA	NA	< 0.11	0.06 BJ	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 0.11	< 0.057	< 0.057	< 0.057
Methyl tert-butyl ether	12	60	< 0.24	< 0.39	< 0.28	< 0.14	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 0.39	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.39	< 0.14	< 0.28	< 0.14	< 0.14	< 0.14
Methylene chloride	0.5	5	< 0.68	< 1.6	< 0.28	< 0.14	< 0.24 U	< 0.58	< 0.58	< 0.32	< 0.32	< 1.6	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	0.35 J	< 0.28	< 0.14	< 0.14	0.27 BJ
Naphthalene	10	100	< 0.16	< 0.34	< 0.18	< 0.088	< 0.088	< 1.2	< 1.2	< 1.1	< 1.1	< 0.34	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.18	< 0.088	< 0.088	< 0.088
n-Butylbenzene	NE	NE	< 0.13	< 0.39	< 0.28	< 0.14	< 0.14	< 0.71	< 0.71	< 0.86	< 0.86	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.28	< 0.14	< 0.14	< 0.14
n-Hexane	120	600	NA	NA	< 0.42	< 0.21	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.42	< 0.21	< 0.21	< 0.21
n-Propylbenzene	NE	NE	< 0.13	< 0.41	< 0.20	< 0.1	< 0.10	< 0.81	< 0.81	< 0.35	< 0.35	< 0.41	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 0.20	< 0.10	< 0.10	< 0.10
o-Xylene	400	2000	NA	NA	< 0.12	< 0.058	< 0.058	< 0.26	< 0.26	< 0.35	< 0.35	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 0.12	< 0.058	< 0.058	< 0.058
p-Isopropyltoluene	NE	NE	< 0.17	< 0.36	< 0.17	< 0.085	< 0.085	< 0.80	< 0.80	< 1.0	< 1.0	< 0.36	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 0.17	< 0.085	< 0.085	< 0.085
sec-Butylbenzene	NE	NE	< 0.15	< 0.40	< 0.26	< 0.13	< 0.13	< 0.85	< 0.85	< 0.42	< 0.42	< 0.40	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 0.26	< 0.13	< 0.13	< 0.13
Styrene	10	100	< 0.10	< 0.39	< 0.13	< 0.065	< 0.065	< 0.47	< 3.0	< 0.36	< 0.36	< 0.39	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	< 0.13	< 0.065	< 0.065	< 0.065
tert-Butylbenzene	NE	NE	< 0.14	< 0.40	< 0.24	< 0.12	< 0.12	< 0.30	< 0.30	< 0.59	< 0.59	< 0.40	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.24	< 0.12	< 0.12	< 0.12
Tetrachloroethene	0.5	5	***120***	***89***	***68***	***45***	***53***	***59***	***62.6***	***52.7 J+***	***53.9***	***45***	***14***	***11***	***23***	***37***	***38***	***35***	***27***	***33***	***30***	***28***	***35***	***29***	***26***
Toluene	160	800	< 0.11	< 0.15	0.16 J	< 0.053	< 0.053	< 0.17	< 0.27	< 0.29	< 0.29	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.15	< 0.053	< 0.11	< 0.053	< 0.053	0.14 BJ
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.35	< 0.22	< 0.11	< 0.11	< 1.1	< 0.46	< 0.53	< 0.53	< 0.35	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	< 0.11	< 0.22	< 0.11	< 0.11	< 0.11
Trichloroethene	0.5	5	***12***	***10***	***9.2***	***7.1***	***6.6***	***9.6***	***9***	***7.4***	***6.1***	***6.1***	***2.1***	***2***	***3***	***6.1***	***6.1***	***6.9***	***5.3***	***5.7***	***5.1***	***5***	***5.9***	***6.1***	***5.2***
Trichlorofluoromethane	698	3490	< 1.0	< 1.0	< 1.0	< 0.5	< 0.13	< 0.21	< 0.21	< 0.42	< 0.42	< 0.43	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 1.0	< 0.50	< 0.50	< 0.50
Vinyl chloride	0.02	0.2	< 0.10	< 0.20	< 0.32	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.20	< 0.16	< 0.32	< 0.16	< 0.16	< 0.16
Xylenes, Total	400	2000	< 0.068	< 0.22	< 0.12	< 0.12	< 0.12	< 1.5	< 1.5	< 1.0	< 1.0	< 0.22	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.22	< 0.058	< 0.12	< 0.058	< 0.058	< 0.12
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MP-16
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	140 - 144 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/10/2017	10/02/2017	04/02/2018	10/08/2018	04/08/2019	10/09/2019	10/13/2020	04/12/2021	10/12/2021	04/20/2022	10/18/2022	4/10/2023	10/10/2023	01/22/2013	04/16/2013	07/23/2013	10/09/2013	04/15/2014	10/16/2014	04/13/2015	10/15/2015	10/11/2016	10/02/2017
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36	< 0.36	< 0.36	< 0.46	< 0.46	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11
1,1,1-Trichloroethane	40	200	< 0.10	< 0.1	< 0.10	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.30	< 0.38	< 0.38	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1
1,1,2-Trichloroethane	0.5	5	< 0.10	< 0.1	< 0.10	< 0.10	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.34	< 0.35	< 0.35	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.1
1,1-Dichloroethene	0.7	7	< 0.14	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58	< 0.58	< 0.58	< 0.39	< 0.39	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14
1,2,4-Trimethylbenzene	96	480	< 0.060	< 0.06	< 0.060	< 0.060	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	< 0.45	< 0.36	< 0.36	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 0.06
1,2-Dibromoethane	0.005	0.05	< 0.13	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.39	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13
1,2-Dichlorobenzene	60	600	< 0.076	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076
1,2-Dichloroethane	0.5	5	< 0.078	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29	< 0.29	< 0.29	< 0.39	< 0.39	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078
1,2-Dichloropropane	0.5	5	< 0.10	< 0.1	< 0.10	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	< 0.45	< 0.43	< 0.43	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1
1,2,3-Trichlorobenzene	NE	NE	< 0.045	< 0.045	< 0.045	< 0.045	< 0.63	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	< 1.0	< 0.46 UJ	< 0.46	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045
1,2,4-Trichlorobenzene	14	70	< 0.077	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34 UJ	< 0.34	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077
1,3,5-Trimethylbenzene	96	480	< 0.075	< 0.075	< 0.075	< 0.075	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36	< 0.36	< 0.36	< 0.25	< 0.25	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075
2-Butanone	800	4000	< 3.0	< 3	< 3.0	< 3.0	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	< 6.5	< 2.1	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3
2-Hexanone	NE	NE	< 0.95	< 0.95	< 0.95	< 0.95	< 2.5	< 2.5	< 5.2	< 6.3	< 6.3	< 6.3	< 6.3	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95
4-Methyl-2-pentanone	50	500	< 0.77	< 0.77	< 0.77	< 0.77	< 1.5	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	< 6.0	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77
Acetone	1800	9000	< 3.4	< 3.4	< 3.4	< 5.5 U	< 2.7	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	< 8.6	< 4.4 U	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 3.4
Benzene	0.5	5	< 0.089	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30	< 0.30	< 0.30	0.19 J	< 0.15	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089
Bromodichloromethane	0.06	0.6	< 0.077	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42	< 0.42	< 0.37	< 0.37	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077
Bromoform	0.44	4.4	< 0.088	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8	< 3.8	< 3.8	< 0.48	< 0.48	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088
Bromomethane	1	10	< 0.59	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2	< 1.2	< 1.2	< 0.80 UJ	< 0.80	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.80	< 0.59	< 0.59
Carbon disulfide	200	1000	< 0.053	< 0.053	< 0.053	< 0.053	< 0.37	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	< 1.1	< 0.45	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053
Carbon tetrachloride	0.5	5	< 0.038	< 0.038	< 0.038	< 0.038	< 0.17	< 0.17	< 1.1	< 0.37	< 0.37	< 0.37	< 0.37	< 0.38	< 0.38	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038
Chloroethane	80	400	< 0.25	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4	< 1.4	< 1.4	< 0.51 UJ	< 0.51	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25
Chloroform	0.6	6	< 0.062	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	< 1.2	< 0.37	< 0.37	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062
Chloromethane	3	30	< 0.16	0.4 J	< 0.16	< 0.59 U	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 1.6	< 0.32	< 0.32	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	< 0.16	0.81 J
cis-1,2-Dichloroethene	7	70	1.5	1.8	2.2	2.0	2.4	3.9	3.6	3.4	3.0	2.2	2.5	2.0	1.7	1.9	0.99 J	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.41	< 0.11	< 0.11
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1	< 1.1	< 1.1	< 0.28	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.11	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46	< 0.46	< 0.46	< 0.67	< 0.67	< 0.2	< 0.2	< 0.2 *	< 0.2	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11
Ethylbenzene	140	700	< 0.054	< 0.054	< 0.054	< 0.054	< 0.22	< 0.22	< 0.32	< 0.33	< 0.33	< 0.33	< 0.33	< 0.18	< 0.18	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054
Isopropylbenzene	NE	NE	< 0.081	< 0.081	< 0.081	< 0.081	< 0.39	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 0.39	< 0.39 J-	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081
m,p-Xylene	400	2000	< 0.057	< 0.057	0.060 J	< 0.057	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70	< 0.70	< 0.70	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 0.057
Methyl tert-butyl ether	12	60	< 0.14	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 0.39	< 0.39	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14
Methylene chloride	0.5	5	< 0.14	< 0.14	0.24 J	< 0.25 U	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	< 0.32	< 1.6	< 1.6	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 0.14	0.16 J
Naphthalene	10	100	< 0.088	< 0.088	< 0.088	< 0.088	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 0.34 UJ	< 0.34	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088
n-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86	< 0.86	< 0.86	< 0.39	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14
n-Hexane	120	600	< 0.21	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.7	< 1.5	< 1.5	< 1.5	< 1.5	< 0.49	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21
n-Propylbenzene	NE	NE	< 0.10	< 0.1	< 0.10	< 0.10	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35	< 0.35	< 0.35	< 0.41	< 0.41	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 0.1
o-Xylene	400	2000	< 0.058	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35	< 0.35	< 0.35	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 0.058
p-Isopropyltoluene	NE	NE	< 0.085	< 0.085	< 0.085	< 0.085	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 1.0	< 1.0	< 0.36	< 0.36	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085
sec-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42	< 0.42	< 0.42	< 0.40	< 0.40	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13
Styrene	10	100	< 0.065	< 0.065	< 0.065	< 0.065	< 0.47	< 0.47	< 3.0	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.39	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	0.07 BJ
tert-Butylbenzene	NE	NE	< 0.12	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59	< 0.59	< 0.59	< 0.40	< 0.40	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12
Tetrachloroethene	0.5	5	***37***	***30***	***38***	***28***	***37.8***	***52.2***	***62.7***	***68***	***50.5 J+***	***39.7***	***64.4***	***54***	***52***	***13***	***6.7***	***2.2***	***3.7***	***3.8***	***4.8***	***4.2***	***2.7***	***3.1***	***4.2***
Toluene	160	800	< 0.053	< 0.053	0.060 J	< 0.053	< 0.17	< 0.17	< 0.27	< 0.29	< 0.29	< 0.29	< 0.29	0.24 J	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.15	0.080 J	< 0.053
trans-1,2-Dichloroethene	20	100	< 0.11	< 0.11	< 0.11	< 0.11	< 1.1	< 1.1	< 0.46	< 0.53	< 0.53	< 0.53	< 0.53	< 0.35	< 0.35	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	< 0.11	< 0.11
Trichloroethene	0.5	5	***6.4***	***6.3***	***8.2***	***6.1***	***7.9***	***11.3***	***12.7***	***13.2***	***9.5***	***7.7***	***11***	***9.7***	***9.3***	***2.2***	***1.2***	0.42 J	***0.98***	***0.87***	***0.98***	***0.69***	0.42 J	***0.54***	***0.64***
Trichlorofluoromethane	698	3490	< 0.50	< 0.5	< 0.5	< 0.13	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42	< 0.42	< 0.42	< 0.43	< 0.43	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 0.5
Vinyl chloride	0.02	0.2	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.20	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16
Xylenes, Total	400	2000	< 0.12	< 0.12	< 0.12	< 0.12	< 1.5	< 1.5	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 0.22	< 0.22	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.22	< 0.058	< 0.12
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MP-16	MP-16	MP-16	MP-16	MP-16	MP-16	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	175 - 179 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft	175 - 179 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/08/2018	10/09/2019	10/13/2020	10/12/2021	10/18/2022	10/10/2023	01/17/2013	04/20/2013	07/18/2013	10/08/2013	04/22/2014	10/22/2014	04/15/2015	10/22/2015	01/22/2016	04/20/2016	07/19/2016	10/12/2016	1/20/2017	04/12/2017	10/09/2017	04/04/2018	10/15/2018
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	< 0.46	< 0.5	< 0.5	< 0.25	< 0.5	< 0.50	< 0.50	< 1.3	< 0.92	< 5.5	< 11	< 2.8	< 2.2	< 5.5	< 5.5	< 2.8	< 2.8	< 5.5
1,1,1-Trichloroethane	40	200	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	< 0.38	< 0.4	< 0.4	< 0.2	< 0.4	< 0.40	< 0.40	< 1.0	< 0.76	< 5.0	< 10	< 2.5	< 2.0	< 5.0	< 5.0	< 2.5	< 2.5	< 5.0
1,1,2-Trichloroethane	0.5	5	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	< 0.35	< 0.56	***11***	< 0.28	< 0.56	< 0.56	< 0.56	< 1.4	< 0.70	< 5.0	< 10	< 2.5	< 2.0	< 5.0	< 5.0	< 2.5	< 2.5	< 5.0
1,1-Dichloroethene	0.7	7	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 0.39	< 0.62	< 0.62	< 0.31	< 0.62	< 0.62	< 0.62	< 1.6	< 0.78	< 7.0	< 14	< 3.5	< 2.8	< 7.0	< 7.0	< 3.5	< 3.5	< 7.0
1,2,4-Trimethylbenzene	96	480	< 0.060	< 0.84	< 0.84	< 0.45	< 0.45	< 0.36	< 0.28	< 0.28	< 0.14	< 0.28	< 0.28	< 0.28	< 0.70	< 0.72	< 3.0	< 6.0	< 1.5	< 1.2	< 3.0	< 3.0	< 1.5	< 1.5	< 3.0
1,2-Dibromoethane	0.005	0.05	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	< 0.39	< 0.72	< 0.72	< 0.36	< 0.72	< 0.72	< 0.72	< 1.8	< 0.77	< 6.5	< 13	< 3.3	< 2.6	< 6.5	< 6.5	< 3.3	< 3.3	< 6.5
1,2-Dichlorobenzene	60	600	< 0.076	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.54	< 0.54	< 0.27	< 0.54	< 0.54	< 0.54	< 1.4	< 0.67	< 3.8	< 7.6	< 1.9	< 1.5	< 3.8	< 3.8	< 1.9	< 1.9	< 3.8
1,2-Dichloroethane	0.5	5	< 0.078	< 0.28	< 0.28	< 0.29	< 0.29	< 0.39	< 0.56	< 0.56	< 0.28	< 0.56	< 0.56	< 0.56	< 1.4	< 0.78	< 3.9	< 7.8	< 2.0	< 1.6	< 3.9	< 3.9	< 2	< 2	< 3.9
1,2-Dichloropropane	0.5	5	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	< 0.43	< 0.4	< 0.4	< 0.2	< 0.4	< 0.40	< 0.40	< 1.0	< 0.86	< 5.0	< 10	< 2.5	< 2.0	< 5.0	< 5.0	< 2.5	< 2.5	< 5.0
1,2,3-Trichlorobenzene	NE	NE	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	< 0.46	< 0.48	< 0.48	< 0.24	< 0.48	< 0.48	< 0.48	< 1.2	< 0.92	< 2.3	< 4.5	< 1.1	< 0.90	< 2.3	< 2.3	< 1.1	< 1.1	< 2.3
1,2,4-Trichlorobenzene	14	70	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34	< 0.62	< 0.62	< 0.31	< 0.62	< 0.62	< 0.62	< 1.6	< 0.68	< 3.9	< 7.7	< 1.9	< 1.5	< 3.9	< 3.9	< 1.9	< 1.9	< 3.9
1,3,5-Trimethylbenzene	96	480	< 0.075	< 0.87	< 0.87	< 0.36	< 0.36	< 0.25	< 0.36	< 0.36	< 0.18	< 0.36	< 0.36	< 0.36	< 0.90	< 0.51	< 3.8	< 7.5	< 1.9	< 1.5	< 3.8	< 3.8	< 1.9	< 1.9	< 3.8
2-Butanone	800	4000	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	< 150	< 300	< 75	< 60	< 150	< 150	< 75	< 75	< 150
2-Hexanone	NE	NE	< 0.95	< 2.5	< 5.2	< 6.3	< 6.3	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	< 48	< 95	< 24	< 19	< 48	< 48	< 24	< 24	< 48
4-Methyl-2-pentanone	50	500	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	< 39	< 77	< 19	< 15	< 39	< 39	< 19	< 19	< 39
Acetone	1800	9000	< 3.8 U	< 2.7	< 2.7	< 8.6	< 8.6	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	< 170	< 340	< 85	< 68	< 170	< 170	< 85	< 85	< 170
Benzene	0.5	5	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	< 0.15	***20***	***1.2***	< 0.074	< 0.15	< 0.15	< 0.15	< 0.37	< 0.29	< 4.5	< 8.9	< 2.2	< 1.8	< 4.5	< 4.5	< 2.2	< 2.2	< 4.5
Bromodichloromethane	0.06	0.6	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	< 0.37	< 0.34	< 0.34	< 0.17	< 0.34	< 0.34	< 0.34	< 0.85	< 0.74	< 3.9	< 7.7	< 1.9	< 1.5	< 3.9	< 3.9	< 1.9	< 1.9	< 3.9
Bromoform	0.44	4.4	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	< 0.48	< 0.56	< 0.56	< 0.28	< 0.56	< 0.56	< 0.56	< 1.4	< 0.97	< 4.4	< 8.8	< 2.2	< 1.8	< 4.4	< 4.4	< 2.2	< 2.2	< 4.4
Bromomethane	1	10	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 0.80	< 0.62	< 0.62	< 0.31	< 0.62	< 0.62	< 0.62	< 1.6	< 1.6	< 30	< 59	< 15	< 12	< 30	< 30	< 15	< 15	< 30
Carbon disulfide	200	1000	0.11 J	< 0.37	< 0.45	< 1.1	< 1.1	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	< 2.7	< 5.3	< 1.3	< 1.1	< 2.7	18 J	< 1.3	< 1.3	< 2.7
Carbon tetrachloride	0.5	5	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	< 0.38	***1.2 J***	< 0.52	< 0.26	< 0.52	< 0.52	< 0.52	< 1.3	< 0.77	< 1.9	< 3.8	< 0.95	< 0.76	< 1.9	< 1.9	< 0.95	< 0.95	< 1.9
Chloroethane	80	400	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	< 0.51	< 0.68	< 0.68	< 0.34	< 0.68	< 0.68	< 0.68	< 1.7	< 0.94	< 13	< 25	< 6.3	< 5.0	< 13	< 13	< 6.3	< 6.3	< 13
Chloroform	0.6	6	< 0.062	< 1.3	< 1.3	< 1.2	< 1.2	< 0.37	***1.8 J***	< 0.4	***0.86 J***	< 0.4	***1.1 J***	***1.5 J***	< 1.0	***2.8***	***3.5 J***	***14 BJ***	***3.5 J***	***4.2 J***	***6.5 BJ***	***13 J***	***4.5 J***	***3.0 J***	< 7.0 U
Chloromethane	3	30	< 0.61 U	< 2.2	< 2.2	< 1.6	< 1.6	< 0.32	< 0.36	< 0.36	< 0.18	< 0.36	< 0.36	< 0.36	< 0.90	< 0.64	< 8.0	< 16	< 4.0	***15 BJ***	< 8.0	***22 J+***	***9.3 J***	< 4	< 19 U
cis-1,2-Dichloroethene	7	70	< 0.11	0.29 J	0.30 J	< 0.47	< 0.47	< 0.41	3.5	1.7 J	1.6	< 0.24	2.7	3.4	5.3	5.9	***7.5 J***	< 11	***8.8 J***	4.8 J	< 5.5	< 5.5	5.3 J	5.8 J	< 5.5
Di-isopropyl ether	NE	NE	< 0.15	< 1.9	< 1.9	< 1.1	< 1.1	< 0.28	< 0.3	< 0.3	< 0.15	< 0.3	< 0.30	< 0.30	< 0.75	< 0.55	< 7.5	< 15	< 3.8	< 3.0	< 7.5	< 7.5	< 3.8	< 3.8	< 7.5
Dichlorodifluoromethane	200	1000	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	< 0.67	< 0.4	< 0.4	< 0.2	< 0.4	< 0.40	< 0.40	< 1.0	< 1.1	< 5.5	< 11	3.0 J	< 2.2	< 5.5	< 5.5	< 2.8	< 2.8	< 5.5
Ethylbenzene	140	700	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.18	< 0.26	< 0.26	< 0.13	< 0.26	< 0.26	< 0.26	< 0.65	< 0.37	< 2.7	< 5.4	< 1.4	< 1.1	< 2.7	< 2.7	< 1.4	< 1.4	< 2.7
Isopropylbenzene	NE	NE	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 0.39 J-	< 0.28	< 0.28	< 0.14	< 0.28	< 0.28	< 0.28	< 0.70	< 0.77	< 4.1	< 8.1	< 2.0	< 1.6	< 4.1	< 4.1	< 2	< 2.0	< 4.1
m,p-Xylene	400	2000	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	< 2.9	< 5.7	< 1.4	< 1.1	< 2.9	< 2.9	< 1.4	< 1.4	< 2.9
Methyl tert-butyl ether	12	60	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 0.39	< 0.48	< 0.48	< 0.24	< 0.48	< 0.48	< 0.48	< 1.2	< 0.79	< 7.0	< 14	< 3.5	< 2.8	< 7.0	< 7.0	< 3.5	< 3.5	< 7.0
Methylene chloride	0.5	5	< 0.15 U	< 0.58	< 0.58	< 0.32	< 0.32	< 1.6	< 1.4	< 1.4	< 0.68	< 1.4	< 1.4	< 1.4	< 3.4	< 3.3	< 7.0	< 14	***6.5 BJ***	< 2.8	< 7.0	< 7.0	< 3.5	< 3.5	< 7.0
Naphthalene	10	100	< 0.088	< 1.2	< 1.2	< 1.1	< 1.1	< 0.34	< 0.32	< 0.32	< 0.16	< 0.32	< 0.32	< 0.32	< 0.80	< 0.67	< 4.4	< 8.8	< 2.2	< 1.8	< 4.4	< 4.4	2.8 BJ	< 2.2	< 4.4
n-Butylbenzene	NE	NE	< 0.14	< 0.71	< 0.71	< 0.86	< 0.86	< 0.39	< 0.26	< 0.26	< 0.13	< 0.26	< 0.26	< 0.26	< 0.65	< 0.78	< 7.0	< 14	< 3.5	< 2.8	< 7.0	< 7.0	< 3.5	< 3.5	< 7.0
n-Hexane	120	600	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	< 11	< 21	< 5.3	< 4.2	< 11	< 11	< 5.3	< 5.3	< 11
n-Propylbenzene	NE	NE	< 0.10	< 0.81	< 0.81	< 0.35	< 0.35	< 0.41	< 0.26	< 0.26	< 0.13	< 0.26	< 0.26	< 0.26	< 0.65	< 0.83	< 5.0	< 10	< 2.5	< 2.0	< 5.0	< 5.0	< 2.5	< 2.5	< 5.0
o-Xylene	400	2000	< 0.058	< 0.26	< 0.26	< 0.35	< 0.35	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	< 2.9	< 5.8	< 1.5	< 1.2	< 2.9	< 2.9	< 1.5	< 1.5	< 2.9
p-Isopropyltoluene	NE	NE	< 0.085	< 0.80	< 0.80	< 1.0	< 1.0	< 0.36	< 0.34	< 0.34	< 0.17	< 0.34	< 0.34	< 0.34	< 0.85	< 0.72	< 4.3	< 8.5	< 2.1	< 1.7	< 4.3	< 4.3	< 2.1	< 2.1	< 4.3
sec-Butylbenzene	NE	NE	< 0.13	< 0.85	< 0.85	< 0.42	< 0.42	< 0.40	< 0.3	< 0.3	< 0.15	< 0.3	< 0.30	< 0.30	< 0.75	< 0.80	< 6.5	< 13	< 3.3	< 2.6	< 6.5	< 6.5	< 3.3	< 3.3	< 6.5
Styrene	10	100	< 0.065	< 0.47	< 3.0	< 0.36	< 0.36	< 0.39	< 0.2	< 0.2	< 0.1	< 0.2	< 0.20	< 0.20	< 0.50	< 0.77	< 3.3	< 6.5	< 1.6	< 1.3	< 3.3	< 3.3	1.8 J	< 1.6	< 3.3
tert-Butylbenzene	NE	NE	< 0.12	< 0.30	< 0.30	< 0.59	< 0.59	< 0.40	< 0.28	< 0.28	< 0.14	< 0.28	< 0.28	< 0.28	< 0.70	< 0.80	< 6.0	< 12	< 3.0	< 2.4	< 6.0	< 6.0	< 3	< 3.0	< 6.0
Tetrachloroethene	0.5	5	***2.5***	***8.9***	***11.2***	***5.6 J+***	***4.2***	***3.7***	***1300***	***790***	***470***	***800***	***970***	***920***	***980***	***860***	***1200***	***1100***	***950***	***970***	***1000***	***680***	***790 B***	***870***	***880***
Toluene	160	800	< 0.053	< 0.17	< 0.27	< 0.29	< 0.29	< 0.15	1.8	< 0.22	0.69	< 0.22	< 0.22	< 0.22	< 0.55	< 0.30	< 2.7	< 5.3	< 1.3	< 1.1	7.0 BJ	6.5 J	< 1.3	1.3	< 2.7
trans-1,2-Dichloroethene	20	100	< 0.11	< 1.1	< 0.46	< 0.53	< 0.53	< 0.35	1.5 J	< 0.5	0.68 J	< 0.5	< 0.50	< 0.50	< 1.3	1.0 J	< 5.5	< 11	< 2.8	< 2.2	< 5.5	< 5.5	< 2.8	< 2.8	< 5.5
Trichloroethene	0.5	5	0.40 J	***1.6***	***1.8***	***0.82 J***	0.45 J	***0.58***	***86***	***46***	***33***	***49***	***51***	***55***	***67***	***63***	***80***	***69***	***66***	***68***	***59 B***	***52***	***59***	***64***	***63***
Trichlorofluoromethane	698	3490	< 0.13	< 0.21	< 0.21	< 0.42	< 0.42	< 0.43	< 0.38	< 0.38	< 0.19	< 0.38	< 2.0	< 2.0	< 5.0	< 2.0	< 25	< 50	< 13	< 10	< 25	< 25	< 13	< 13	< 6.5
Vinyl chloride	0.02	0.2	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.2	< 0.2	< 0.1	< 0.2	< 0.20	< 0.20	< 0.50	< 0.41	< 8.0	< 16	< 4.0	< 3.2	< 8.0	< 8.0	< 4	< 4.0	< 8.0
Xylenes, Total	400	2000	< 0.12	< 1.5	< 1.5	< 1.0	< 1.0	< 0.22	3.1	< 0.14	0.56 J	< 0.14	< 0.14	< 0.14	< 0.34	< 0.44	< 2.9	< 5.8	< 1.5	< 1.2	< 5.8	< 5.8	< 2.9	< 2.9	< 5.8
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.093	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-17	MW-17	MW-17	MW-17	MW-17[3]	MW-17	MW-17	MW-17	MW-17[3]	MW-17	MW-17	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/11/2019	10/11/2019	10/15/2020	04/15/2021	04/15/2021	10/14/2021	04/25/2022	10/21/2022	10/21/2022	4/13/2023	10/12/2023	11/28/2012	12/18/2012	12/19/2012	12/28/2012	01/03/2013	01/15/2013	01/15/2013	01/31/2013	02/12/2013	02/12/2013	02/28/2013	03/12/2013
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	< 2.7	< 2.7	< 0.27	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 1.8	< 0.46	< 0.46	< 1.3	NA	NA	NA	NA	NA	< 0.25	NA	NA	< 0.5	NA	< 1.3
1,1,1-Trichloroethane	40	200	< 2.4	< 2.4	< 0.24	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 1.5	< 0.38	< 0.38	< 1	NA	NA	NA	NA	NA	< 0.2	NA	NA	< 0.4	NA	< 1
1,1,2-Trichloroethane	0.5	5	< 5.5	< 5.5	< 0.55	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 1.7	< 0.35	< 0.35	< 1.4	NA	NA	NA	NA	NA	< 0.28	NA	NA	< 0.56	NA	< 1.4
1,1-Dichloroethene	0.7	7	< 2.4	< 2.4	< 0.24	< 5.8	< 5.8	< 5.8	< 5.8	< 5.8	< 2.9	< 0.39	0.54 J	< 1.6	NA	NA	NA	NA	NA	< 0.31	NA	NA	< 0.62	NA	< 1.6
1,2,4-Trimethylbenzene	96	480	< 8.4	< 8.4	< 0.84	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 2.2	< 0.73 U	< 0.36	< 0.7	NA	NA	NA	NA	NA	< 0.14	NA	NA	< 0.28	NA	< 0.7
1,2-Dibromoethane	0.005	0.05	< 8.3	< 8.3	< 0.83	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 1.5	< 0.39	< 0.39	< 1.8	NA	NA	NA	NA	NA	< 0.36	NA	NA	< 0.72	NA	< 1.8
1,2-Dichlorobenzene	60	600	< 7.1	< 7.1	< 0.71	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 1.6	< 0.33	< 0.33	< 1.4	NA	NA	NA	NA	NA	< 0.27	NA	NA	< 0.54	NA	< 1.4
1,2-Dichloroethane	0.5	5	< 2.8	< 2.8	< 0.28	< 2.9	< 2.9	< 2.9	< 2.9	< 2.9	< 1.5	< 0.39	< 0.39	< 1.4	NA	NA	NA	NA	NA	< 0.28	NA	NA	< 0.56	NA	< 1.4
1,2-Dichloropropane	0.5	5	< 2.8	< 2.8	< 0.28	< 4.5	< 4.5	< 4.5	< 4.5	< 4.5	< 2.2	< 0.43	< 0.43	< 1	NA	NA	NA	NA	NA	< 0.2	NA	NA	< 0.4	NA	< 1
1,2,3-Trichlorobenzene	NE	NE	< 6.3	< 6.3	< 2.2	< 10.2	< 10.2	< 10.2	< 10.2	< 10.2	< 5.1	< 0.46	< 0.46	< 1.2	NA	NA	NA	NA	NA	< 0.24	NA	NA	< 0.48	NA	< 1.2
1,2,4-Trichlorobenzene	14	70	< 9.5	< 9.5	< 0.95	< 9.5	< 9.5	< 9.5	< 9.5	< 9.5	< 4.8	< 0.34	< 0.34	< 1.6	NA	NA	NA	NA	NA	< 0.31	NA	NA	< 0.62	NA	< 1.6
1,3,5-Trimethylbenzene	96	480	< 8.7	< 8.7	< 0.87	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 1.8	< 0.25	< 0.25	< 0.9	NA	NA	NA	NA	NA	< 0.18	NA	NA	< 0.36	NA	< 0.9
2-Butanone	800	4000	< 29.4	< 29.4	< 2.9	< 65.2	< 65.2	< 65.2	< 65.2	< 65.2	< 32.6	< 2.1 UJ	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 24.6	< 24.6	< 5.2	< 62.8	< 62.8	< 62.8	< 62.8	< 62.8	< 31.4	< 1.6 UJ	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 15.3	< 15.3	< 4.6	< 59.5	< 59.5	< 59.5	< 59.5	< 59.5	< 29.8	< 2.2 UJ	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 27.4	< 27.4	< 2.7	< 86.4	< 86.4	< 86.4	< 86.4	< 86.4	< 43.2	1.9 J	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 2.5	< 2.5	< 0.25	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 1.5	< 0.15	< 0.15	***3.2***	NA	NA	NA	NA	0.46 J	NA	NA	***1.4***	NA	***1.9 J***
Bromodichloromethane	0.06	0.6	< 3.6	< 3.6	< 0.36	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 2.1	< 0.37	< 0.37	< 0.85	NA	NA	NA	NA	NA	< 0.17	NA	NA	< 0.34	NA	< 0.85
Bromoform	0.44	4.4	< 39.7	< 39.7	< 4.0	< 38.0	< 38.0	< 38.0	< 38.0	< 38.0	< 19.0	< 0.48	< 0.48	< 1.4	NA	NA	NA	NA	NA	< 0.28	NA	NA	< 0.56	NA	< 1.4
Bromomethane	1	10	< 9.7	< 9.7	< 0.97	< 11.9	< 11.9	< 11.9	< 11.9	< 11.9	< 6.0	< 0.80 UJ	< 0.80	< 1.6	NA	NA	NA	NA	NA	< 0.31	NA	NA	< 0.62	NA	< 1.6
Carbon disulfide	200	1000	< 3.7	< 3.7	< 0.45	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 5.5	< 0.45	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 1.7	< 1.7	***1.2 J***	< 3.7	< 3.7	< 3.7	< 3.7	< 3.7	< 1.8	***0.81 J***	***0.53 J***	< 1.3	NA	NA	NA	NA	NA	< 0.26	NA	NA	< 0.52	NA	< 1.3
Chloroethane	80	400	< 13.4	< 13.4	< 1.3	< 13.8	< 13.8	< 13.8	< 13.8	< 13.8	< 6.9	< 0.51	< 0.51	< 1.7	NA	NA	NA	NA	NA	< 0.34	NA	NA	< 0.68	NA	< 1.7
Chloroform	0.6	6	< 12.7	< 12.7	***1.7 J***	< 11.8	< 11.8	< 11.8	< 11.8	< 11.8	< 5.9	< 1.0 U	***0.67 J***	***7.2***	NA	NA	NA	NA	NA	***2.3***	NA	NA	***4.5***	NA	***7.5***
Chloromethane	3	30	< 21.9	< 21.9	< 2.2	< 16.4	< 16.4	< 16.4	< 16.4	< 16.4	< 8.2	< 0.55 U	< 0.32	< 0.9	NA	NA	NA	NA	NA	< 0.18	NA	NA	< 0.36	NA	< 0.9
cis-1,2-Dichloroethene	7	70	5.5 J	4.2 J	2.7	< 4.7	< 4.7	***8.5 J***	6.0 J	***8.3 J***	6.9	***9.8***	***8***	***150***	NA	NA	NA	NA	NA	***40***	NA	NA	***77***	NA	***110***
Di-isopropyl ether	NE	NE	< 18.9	< 18.9	< 1.9	< 11.0	< 11.0	< 11.0	< 11.0	< 11.0	< 5.5	< 0.28	< 0.28	< 0.75	NA	NA	NA	NA	NA	< 0.15	NA	NA	< 0.3	NA	< 0.75
Dichlorodifluoromethane	200	1000	< 5.0	< 5.0	< 0.50	< 4.6	< 4.6	< 4.6	< 4.6	< 4.6	< 2.3	< 0.67	< 0.67	< 1	NA	NA	NA	NA	NA	< 0.2	NA	NA	< 0.4	NA	< 1
Ethylbenzene	140	700	< 2.2	< 2.2	< 0.32	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	< 1.6	< 0.18	< 0.18	< 0.65	NA	NA	NA	NA	NA	< 0.13	NA	NA	< 0.26	NA	< 0.65
Isopropylbenzene	NE	NE	< 3.9	< 3.9	< 1.7	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 5.0	< 0.39	< 0.39 J-	< 0.7	NA	NA	NA	NA	NA	< 0.14	NA	NA	< 0.28	NA	< 0.7
m,p-Xylene	400	2000	< 4.7	< 4.7	< 0.47	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 3.5	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 12.5	< 12.5	< 1.2	< 11.3	< 11.3	< 11.3	< 11.3	< 11.3	< 5.6	< 0.39	< 0.39	< 1.2	NA	NA	NA	NA	NA	< 0.24	NA	NA	< 0.48	NA	< 1.2
Methylene chloride	0.5	5	< 5.8	< 5.8	< 0.58	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2	< 1.6	< 1.6	< 2.4 U	< 3.4	NA	NA	NA	NA	NA	< 0.68	NA	NA	< 1.4	NA	< 3.4
Naphthalene	10	100	< 11.8	< 11.8	< 1.2	< 11.3	< 11.3	< 11.3	< 11.3	< 11.3	< 5.6	< 0.34	< 0.34	< 0.8	NA	NA	NA	NA	NA	< 0.16	NA	NA	< 0.32	NA	< 0.8
n-Butylbenzene	NE	NE	< 7.1	< 7.1	< 0.71	< 8.6	< 8.6	< 8.6	< 8.6	< 8.6	< 4.3	< 0.39	< 0.39	< 0.65	NA	NA	NA	NA	NA	< 0.13	NA	NA	< 0.26	NA	< 0.65
n-Hexane	120	600	< 17.1	< 17.1	< 1.7	< 14.6	< 14.6	< 14.6	< 14.6	< 14.6	< 7.3	< 0.49	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 8.1	< 8.1	< 0.81	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 1.7	< 0.41	< 0.41	< 0.65	NA	NA	NA	NA	NA	< 0.13	NA	NA	< 0.26	NA	< 0.65
o-Xylene	400	2000	< 2.6	< 2.6	< 0.26	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 1.7	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 8.0	< 8.0	< 0.80	< 10.4	< 10.4	< 10.4	< 10.4	< 10.4	< 5.2	< 0.36	< 0.36	< 0.85	NA	NA	NA	NA	NA	< 0.17	NA	NA	< 0.34	NA	< 0.85
sec-Butylbenzene	NE	NE	< 8.5	< 8.5	< 0.85	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 2.1	< 0.40	< 0.40	< 0.75	NA	NA	NA	NA	NA	< 0.15	NA	NA	< 0.3	NA	< 0.75
Styrene	10	100	< 4.7	< 4.7	< 3.0	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 1.8	< 0.39	< 0.39	< 0.5	NA	NA	NA	NA	NA	< 0.1	NA	NA	< 0.2	NA	< 0.5
tert-Butylbenzene	NE	NE	< 3.0	< 3.0	< 0.30	< 5.9	< 5.9	< 5.9	< 5.9	< 5.9	< 2.9	< 0.40	< 0.40	< 0.7	NA	NA	NA	NA	NA	< 0.14	NA	NA	< 0.28	NA	< 0.7
Tetrachloroethene	0.5	5	***831***	***747***	***696***	***616***	***645***	***823***	***452***	***1010***	***766***	***950***	***810***	***3300***	NA	NA	NA	NA	NA	***690***	NA	NA	***1900***	NA	***2600***
Toluene	160	800	< 1.7	< 1.7	< 0.27	< 2.9	< 2.9	< 2.9	< 2.9	< 2.9	< 1.4	< 0.15	< 0.15	1.1 J	NA	NA	NA	NA	NA	< 0.11	NA	NA	< 0.22	NA	< 0.55
trans-1,2-Dichloroethene	20	100	< 10.9	< 10.9	0.63 J	< 5.3	< 5.3	< 5.3	< 5.3	< 5.3	< 2.6	0.77 J	0.51 J	7.4	NA	NA	NA	NA	NA	2.6	NA	NA	3.8	NA	5.3
Trichloroethene	0.5	5	***67.6***	***60.7***	***44.9***	***42.7***	***43.9***	***54.4***	***21.7***	***49.7***	***43.2***	***54***	***35***	***230***	NA	NA	NA	NA	NA	***59***	NA	NA	***130***	NA	***160***
Trichlorofluoromethane	698	3490	< 2.1	< 2.1	< 0.21	< 4.2	< 4.2	< 4.2	< 4.2	< 4.2	< 2.1	< 0.43	< 0.43	< 0.95	NA	NA	NA	NA	NA	< 0.19	NA	NA	< 0.38	NA	< 0.95
Vinyl chloride	0.02	0.2	< 1.7	< 1.7	< 0.17	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 0.87	< 0.20	< 0.20	< 0.5	NA	NA	NA	NA	NA	< 0.1	NA	NA	< 0.2	NA	< 0.5
Xylenes, Total	400	2000	< 15.0	< 15.0	< 1.5	< 10.5	< 10.5	< 10.5	< 10.5	< 10.5	< 5.2	< 0.22	< 0.22	< 0.34	NA	NA	NA	NA	NA	< 0.068	NA	NA	< 0.14	NA	< 0.34
Total PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																									
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3300	1700	4800	4300	3900	3200	2700	2800	20000	12000	15000	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D[1]
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	20 - 30 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/19/2013	07/17/2013	10/09/2013	04/22/2014	10/23/2014	11/29/2012	12/11/2012	12/12/2012	12/13/2012	12/14/2012	12/15/2012	12/16/2012	12/17/2012	12/18/2012	12/19/2012	12/27/2012	01/02/2013	01/16/2013	01/16/2013	01/30/2013	02/11/2013
VOCs																						
1,1,1,2-Tetrachloroethane	7	70	< 1.3	< 1.3	< 1.3	< 0.25	< 0.25	< 1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.3	NA	< 1.3
1,1,1-Trichloroethane	40	200	< 1	< 1	< 1	< 0.20	< 0.20	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	< 1
1,1,2-Trichloroethane	0.5	5	< 1.4	< 1.4	< 1.4	< 0.28	< 0.28	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4	NA	< 1.4
1,1-Dichloroethene	0.7	7	< 1.6	< 1.6	< 1.6	< 0.31	< 0.31	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA	< 1.6
1,2,4-Trimethylbenzene	96	480	< 0.7	< 0.7	< 0.7	< 0.14	< 0.14	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.7	NA	< 0.7
1,2-Dibromoethane	0.005	0.05	< 1.8	< 1.8	< 1.8	< 0.36	< 0.36	< 1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8	NA	< 1.8
1,2-Dichlorobenzene	60	600	< 1.4	< 1.4	< 1.4	< 0.27	< 0.27	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4	NA	< 1.4
1,2-Dichloroethane	0.5	5	< 1.4	< 1.4	< 1.4	< 0.28	< 0.28	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4	NA	< 1.4
1,2-Dichloropropane	0.5	5	< 1	< 1	< 1	< 0.20	< 0.20	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	< 1
1,2,3-Trichlorobenzene	NE	NE	< 1.2	< 1.2	< 1.2	< 0.24	< 0.24	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.2	NA	< 1.2
1,2,4-Trichlorobenzene	14	70	< 1.6	< 1.6	< 1.6	< 0.31	< 0.31	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA	< 1.6
1,3,5-Trimethylbenzene	96	480	< 0.9	< 0.9	< 0.9	< 0.18	< 0.18	< 0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.9	NA	< 0.9
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	***2.2 J***	< 0.37	***1.3 J***	0.38 J	0.46 J	< 0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.37	NA	< 0.37
Bromodichloromethane	0.06	0.6	< 0.85	< 0.85	< 0.85	< 0.17	< 0.17	< 0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.85	NA	< 0.85
Bromoform	0.44	4.4	< 1.4	< 1.4	< 1.4	< 0.28	< 0.28	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4	NA	< 1.4
Bromomethane	1	10	< 1.6	< 1.6	< 1.6	< 0.31	< 0.31	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA	< 1.6 *
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 1.3	< 1.3	< 1.3	< 0.26	< 0.26	< 1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.3	NA	< 1.3
Chloroethane	80	400	< 1.7	< 1.7	< 1.7	< 0.34	< 0.34	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7	NA	< 1.7
Chloroform	0.6	6	***6.2***	< 1	***5.2***	***1.4***	***2***	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	< 1
Chloromethane	3	30	< 0.9	< 0.9	< 0.9	< 0.18	< 0.18	< 0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.9	NA	< 0.9
cis-1,2-Dichloroethene	7	70	***99***	***70***	***78***	***21***	***26***	***530***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***170***	NA	***450***
Di-isopropyl ether	NE	NE	< 0.75	< 0.75	< 0.75	< 0.15	< 0.15	< 0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.75	NA	< 0.75
Dichlorodifluoromethane	200	1000	< 1	< 1	< 1	< 0.20	< 0.20	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	< 1
Ethylbenzene	140	700	< 0.65	< 0.65	< 0.65	< 0.13	< 0.13	< 0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.65	NA	< 0.65
Isopropylbenzene	NE	NE	< 0.7	< 0.7	< 0.7	< 0.14	< 0.14	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.7	NA	< 0.7
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 1.2	< 1.2	< 1.2	< 0.24	< 0.24	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.2	NA	< 1.2
Methylene chloride	0.5	5	< 3.4	< 3.4	< 3.4	< 0.68	< 0.68	< 3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	NA	< 3.4
Naphthalene	10	100	< 0.8	< 0.8	< 0.8	< 0.16	< 0.16	< 0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	< 0.8
n-Butylbenzene	NE	NE	< 0.65	< 0.65	< 0.65	< 0.13	< 0.13	< 0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.65	NA	< 0.65
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.65	< 0.65	< 0.65	< 0.13	< 0.13	< 0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.65	NA	< 0.65
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.85	< 0.85	< 0.85	< 0.17	< 0.17	< 0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.85	NA	< 0.85
sec-Butylbenzene	NE	NE	< 0.75	< 0.75	< 0.75	< 0.15	< 0.15	< 0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.75	NA	< 0.75
Styrene	10	100	< 0.5	< 0.5	< 0.5	< 0.10	< 0.10	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	NA	< 0.5
tert-Butylbenzene	NE	NE	< 0.7	< 0.7	< 0.7	< 0.14	< 0.14	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.7	NA	< 0.7
Tetrachloroethene	0.5	5	***2600***	***2900***	***1800***	***520***	***520***	***2400***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***1700***	NA	***2700***
Toluene	160	800	< 0.55	< 0.55	< 0.55	< 0.11	< 0.11	< 0.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.55	NA	< 0.55
trans-1,2-Dichloroethene	20	100	4.1 J	2.6 J	4.6 J	1.3	1.9	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.3	NA	4.4 J
Trichloroethene	0.5	5	***170***	***140***	***150***	***43***	***65***	***230***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***69***	NA	***180***
Trichlorofluoromethane	698	3490	< 0.95	< 0.95	< 0.95	< 1.0	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	NA	< 0.95
Vinyl chloride	0.02	0.2	< 0.5	< 0.5	< 0.5	< 0.10	< 0.10	***9.1***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***3.2***	NA	***8***
Xylenes, Total	400	2000	< 0.34	< 0.34	< 0.34	< 0.068	< 0.068	< 0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.34	NA	< 0.34
Total PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																						
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	910	1100	1400	1300	1300	1200	1100	1100	1000	1100	1000	990	1100	1100	1000	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-19D	MW-19D[1]	MW-19D	MW-19D	MW-19D	MW-19D[1]	MW-19D	MW-19D2	MW-19D2	MW-19D2	MW-19D2	MW-19D2	MW-19D2	MW-19D2	MW-19D2	MW-19D2	MW-19D2	MW-19D2	MW-19D2	MW-19D2	MW-19D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	02/28/2013	03/11/2013	04/19/2013	07/17/2013	10/09/2013	04/17/2014	10/21/2014	11/29/2012	12/16/2012	12/17/2012	12/18/2012	12/19/2012	12/27/2012	01/02/2013	01/17/2013	01/17/2013	01/31/2013	02/11/2013	02/28/2013	03/12/2013	04/18/2013
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	NA	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.50	< 0.5	NA	NA	NA	NA	NA	NA	NA	< 0.5	NA	< 0.5	NA	< 0.5	< 1.3
1,1,1-Trichloroethane	40	200	NA	< 1	< 1	< 1	< 1	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	< 0.4	NA	< 0.4	NA	< 0.4	< 1
1,1,2-Trichloroethane	0.5	5	NA	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.56	< 0.56	NA	NA	NA	NA	NA	NA	NA	< 0.56	NA	< 0.56	NA	< 0.56	< 1.4
1,1-Dichloroethene	0.7	7	NA	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.62	< 0.62	NA	NA	NA	NA	NA	NA	NA	< 0.62	NA	< 0.62	NA	< 0.62	< 1.6
1,2,4-Trimethylbenzene	96	480	NA	< 0.7	< 0.7	< 0.7	< 0.7	< 0.70	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	< 0.28	NA	< 0.28	NA	< 0.28	< 0.7
1,2-Dibromoethane	0.005	0.05	NA	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 0.72	< 0.72	NA	NA	NA	NA	NA	NA	NA	< 0.72	NA	< 0.72	NA	< 0.72	< 1.8
1,2-Dichlorobenzene	60	600	NA	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.54	< 0.54	NA	NA	NA	NA	NA	NA	NA	< 0.54	NA	< 0.54	NA	< 0.54	< 1.4
1,2-Dichloroethane	0.5	5	NA	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.56	< 0.56	NA	NA	NA	NA	NA	NA	NA	< 0.56	NA	< 0.56	NA	< 0.56	< 1.4
1,2-Dichloropropane	0.5	5	NA	< 1	< 1	< 1	< 1	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	< 0.4	NA	< 0.4	NA	< 0.4	< 1
1,2,3-Trichlorobenzene	NE	NE	NA	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.48	< 0.48	NA	NA	NA	NA	NA	NA	NA	< 0.48	NA	< 0.48	NA	< 0.48	< 1.2
1,2,4-Trichlorobenzene	14	70	NA	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.62	< 0.62	NA	NA	NA	NA	NA	NA	NA	< 0.62	NA	< 0.62	NA	< 0.62	< 1.6
1,3,5-Trimethylbenzene	96	480	NA	< 0.9	< 0.9	< 0.9	< 0.9	< 0.90	< 0.36	< 0.36	NA	NA	NA	NA	NA	NA	NA	< 0.36	NA	< 0.36	NA	< 0.36	< 0.9
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	NA	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.15	< 0.15	NA	NA	NA	NA	NA	NA	NA	< 0.15	NA	< 0.15	NA	< 0.15	< 0.37
Bromodichloromethane	0.06	0.6	NA	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.34	< 0.34	NA	NA	NA	NA	NA	NA	NA	< 0.34	NA	< 0.34	NA	< 0.34	< 0.85
Bromoform	0.44	4.4	NA	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.56	< 0.56	NA	NA	NA	NA	NA	NA	NA	< 0.56	NA	< 0.56	NA	< 0.56	< 1.4
Bromomethane	1	10	NA	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.62	< 0.62	NA	NA	NA	NA	NA	NA	NA	< 0.62	NA	< 0.62 *	NA	< 0.62	< 1.6
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.52	< 0.52	NA	NA	NA	NA	NA	NA	NA	< 0.52	NA	< 0.52	NA	< 0.52	< 1.3
Chloroethane	80	400	NA	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 0.68	< 0.68	NA	NA	NA	NA	NA	NA	NA	< 0.68	NA	< 0.68	NA	< 0.68	< 1.7
Chloroform	0.6	6	NA	< 1	< 1	< 1	< 1	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	< 0.4	NA	< 0.4	NA	< 0.4	< 1
Chloromethane	3	30	NA	< 0.9	< 0.9	< 0.9	< 0.9	< 0.90	< 0.36	< 0.36	NA	NA	NA	NA	NA	NA	NA	< 0.36	NA	< 0.36	NA	< 0.36	< 0.9
cis-1,2-Dichloroethene	7	70	NA	***420***	***520***	***540***	***300***	***49***	***240***	***250***	NA	NA	NA	NA	NA	NA	NA	***320***	NA	***270***	NA	***260***	***200***
Di-isopropyl ether	NE	NE	NA	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.30	< 0.3	NA	NA	NA	NA	NA	NA	NA	< 0.3	NA	< 0.3	NA	< 0.3	< 0.75
Dichlorodifluoromethane	200	1000	NA	< 1	< 1	< 1	< 1	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	< 0.4	NA	< 0.4	NA	< 0.4	< 1
Ethylbenzene	140	700	NA	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA	NA	< 0.26	NA	< 0.26	NA	< 0.26	< 0.65
Isopropylbenzene	NE	NE	NA	< 0.7	< 0.7	< 0.7	< 0.7	< 0.70	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	< 0.28	NA	< 0.28	NA	< 0.28	< 0.7
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	NA	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.48	< 0.48	NA	NA	NA	NA	NA	NA	NA	< 0.48	NA	< 0.48	NA	< 0.48	< 1.2
Methylene chloride	0.5	5	NA	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 1.4	< 1.4	NA	NA	NA	NA	NA	NA	NA	< 1.4	NA	< 1.4	NA	< 1.4	< 3.4
Naphthalene	10	100	NA	< 0.8	< 0.8	< 0.8	< 0.8	< 0.80	< 0.32	< 0.32	NA	NA	NA	NA	NA	NA	NA	< 0.32	NA	< 0.32	NA	< 0.32	< 0.8
n-Butylbenzene	NE	NE	NA	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA	NA	< 0.26	NA	< 0.26	NA	< 0.26	< 0.65
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA	NA	< 0.26	NA	< 0.26	NA	< 0.26	< 0.65
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NA	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.34	< 0.34	NA	NA	NA	NA	NA	NA	NA	< 0.34	NA	< 0.34	NA	< 0.34	< 0.85
sec-Butylbenzene	NE	NE	NA	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.30	< 0.3	NA	NA	NA	NA	NA	NA	NA	< 0.3	NA	< 0.3	NA	< 0.3	< 0.75
Styrene	10	100	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.20	< 0.2	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA	< 0.2	NA	< 0.2	< 0.5
tert-Butylbenzene	NE	NE	NA	< 0.7	< 0.7	< 0.7	< 0.7	< 0.70	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	< 0.28	NA	< 0.28	NA	< 0.28	< 0.7
Tetrachloroethene	0.5	5	NA	***2100***	***2200***	***2700***	***1500***	***1400***	***1500***	***680***	NA	NA	NA	NA	NA	NA	NA	***1200***	NA	***1300***	NA	***1400***	***1000***
Toluene	160	800	NA	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA	< 0.22	NA	< 0.22	NA	< 0.22	< 0.55
trans-1,2-Dichloroethene	20	100	NA	5.1	6.3	8.1	4.1 J	< 1.3	3.1	3.4	NA	NA	NA	NA	NA	NA	NA	4.9	NA	4.2	NA	4.2	2.6 J
Trichloroethene	0.5	5	NA	***180***	***200***	***240***	***150***	***68***	***140***	***110***	NA	NA	NA	NA	NA	NA	NA	***160***	NA	***150***	NA	***150***	***130***
Trichlorofluoromethane	698	3490	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 5.0	< 2.0	< 0.38	NA	NA	NA	NA	NA	NA	NA	< 0.38	NA	< 0.38	NA	< 0.38	< 0.95
Vinyl chloride	0.02	0.2	NA	***11***	***18***	***20***	***6.6***	< 0.50	***4.5***	***0.93 J***	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA	< 0.2	NA	< 0.2	< 0.5
Xylenes, Total	400	2000	NA	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.14	< 0.14	NA	NA	NA	NA	NA	NA	NA	< 0.14	NA	< 0.14	NA	< 0.14	< 0.34
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	1100	NA	NA	NA	NA	NA	NA	1500	1600	1600	1500	1500	1500	1500	1400	1500	1500	1500	1500	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-19D2[2]	MW-19D2[1]	MW-19D2	MW-19D2	MW-19D2[1]	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	07/17/2013	07/17/2013	10/09/2013	04/17/2014	10/15/2014	11/29/2012	12/11/2012	12/12/2012	12/13/2012	12/14/2012	12/15/2012	12/16/2012	12/17/2012	12/18/2012	12/19/2012	12/27/2012	01/02/2013	01/16/2013	01/16/2013	01/30/2013
VOCs																						
1,1,1,2-Tetrachloroethane	7	70	< 0.5	< 0.5	< 0.5	< 1.3	< 0.50	< 1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	NA
1,1,1-Trichloroethane	40	200	< 0.4	< 0.4	< 0.4	< 1.0	< 0.40	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA
1,1,2-Trichloroethane	0.5	5	< 0.56	< 0.56	< 0.56	< 1.4	< 0.56	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.28	NA
1,1-Dichloroethene	0.7	7	< 0.62	< 0.62	< 0.62	< 1.6	< 0.62	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.31	NA
1,2,4-Trimethylbenzene	96	480	< 0.28	< 0.28	< 0.28	< 0.70	< 0.28	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.14	NA
1,2-Dibromoethane	0.005	0.05	< 0.72	< 0.72	< 0.72	< 1.8	< 0.72	< 1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.36	NA
1,2-Dichlorobenzene	60	600	< 0.54	< 0.54	< 0.54	< 1.4	< 0.54	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.27	NA
1,2-Dichloroethane	0.5	5	< 0.56	< 0.56	< 0.56	< 1.4	< 0.56	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.28	NA
1,2-Dichloropropane	0.5	5	< 0.4	< 0.4	< 0.4	< 1.0	< 0.40	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA
1,2,3-Trichlorobenzene	NE	NE	< 0.48	< 0.48	< 0.48	< 1.2	< 0.48	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	NA
1,2,4-Trichlorobenzene	14	70	< 0.62	< 0.62	< 0.62	< 1.6	< 0.62	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.31	NA
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.36	< 0.36	< 0.90	< 0.36	< 0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18	NA
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.15	< 0.15	< 0.15	< 0.37	< 0.15	< 0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.074	NA
Bromodichloromethane	0.06	0.6	< 0.34	< 0.34	< 0.34	< 0.85	< 0.34	< 0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.17	NA
Bromoform	0.44	4.4	< 0.56	< 0.56	< 0.56	< 1.4	< 0.56	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.28	NA
Bromomethane	1	10	< 0.62	< 0.62	< 0.62	< 1.6	< 0.62 *	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.31	NA
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.52	< 0.52	< 0.52	< 1.3	< 0.52	< 1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.26	NA
Chloroethane	80	400	< 0.68	< 0.68	< 0.68	< 1.7	< 0.68	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.34	NA
Chloroform	0.6	6	< 0.4	< 0.4	< 0.4	< 1.0	< 0.40	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA
Chloromethane	3	30	< 0.36	< 0.36	< 0.36	< 0.90	< 0.36	< 0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18	NA
cis-1,2-Dichloroethene	7	70	< 0.24	***98***	***120***	***330***	6.8	***370***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.69 J	NA
Di-isopropyl ether	NE	NE	< 0.3	< 0.3	< 0.3	< 0.75	< 0.30	< 0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	NA
Dichlorodifluoromethane	200	1000	< 0.4	< 0.4	< 0.4	< 1.0	< 0.40	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA
Ethylbenzene	140	700	< 0.26	< 0.26	< 0.26	< 0.65	< 0.26	< 0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA
Isopropylbenzene	NE	NE	< 0.28	< 0.28	< 0.28	< 0.70	< 0.28	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.14	NA
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.48	< 0.48	< 0.48	< 1.2	< 0.48	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	NA
Methylene chloride	0.5	5	< 1.4	< 1.4	< 1.4	< 3.4	< 1.4	< 3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.68	NA
Naphthalene	10	100	< 0.32	< 0.32	< 0.32	< 0.80	< 0.32	< 0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA
n-Butylbenzene	NE	NE	< 0.26	< 0.26	< 0.26	< 0.65	< 0.26	< 0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.26	< 0.26	< 0.26	< 0.65	< 0.26	< 0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.34	< 0.34	< 0.34	< 0.85	< 0.34	< 0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.17	NA
sec-Butylbenzene	NE	NE	< 0.3	< 0.3	< 0.3	< 0.75	< 0.30	< 0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	NA
Styrene	10	100	< 0.2	< 0.2	< 0.2	< 0.50	< 0.20	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.1	NA
tert-Butylbenzene	NE	NE	< 0.28	< 0.28	< 0.28	< 0.70	< 0.28	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.14	NA
Tetrachloroethene	0.5	5	***820***	***1200***	***950***	***1900***	***620***	***1600***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***190***	NA
Toluene	160	800	< 0.22	< 0.22	< 0.22	< 0.55	< 0.22	< 0.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.45 J	NA
trans-1,2-Dichloroethene	20	100	< 0.5	< 0.5	< 0.5	5.0	< 0.50	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	NA
Trichloroethene	0.5	5	< 0.38	***110***	***120***	***170***	***11***	***170***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***0.54***	NA
Trichlorofluoromethane	698	3490	< 0.38	< 0.38	< 0.38	< 5.0	< 2.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.19	NA
Vinyl chloride	0.02	0.2	< 0.2	< 0.2	< 0.2	***7.9***	< 0.20	***3.2***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.1	NA
Xylenes, Total	400	2000	< 0.14	< 0.14	< 0.14	< 0.34	< 0.14	< 0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.068	NA
Total PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																						
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	920	990	5000	16000	10000	4800	2500	3100	2200	1900	940	1300	900	940	880
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-20D	MW-20D	MW-20D[1]	MW-20D	MW-20D[1]	MW-20D[1]	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D2	MW-20D2	MW-20D2	MW-20D2	MW-20D2	MW-20D2	MW-20D2	MW-20D2	MW-20D2	MW-20D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	02/12/2013	02/12/2013	02/12/2013	02/28/2013	03/12/2013	04/18/2013	07/17/2013	10/09/2013	04/15/2014	10/22/2014	11/29/2012	12/13/2012	12/14/2012	12/15/2012	12/16/2012	12/17/2012	12/18/2012	12/19/2012	12/27/2012	01/02/2013
VOCs																						
1,1,1,2-Tetrachloroethane	7	70	NA	NA	< 0.25	NA	< 0.25	< 1.3	< 0.5	< 1.3	< 0.50	< 0.50	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	40	200	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.4	< 1	< 0.40	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	NA	NA	< 0.28	NA	< 0.28	< 1.4	< 0.56	< 1.4	< 0.56	< 0.56	< 0.56	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.7	7	NA	NA	< 0.31	NA	< 0.31	< 1.6	< 0.62	< 1.6	< 0.62	< 0.62	< 0.62	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	96	480	NA	NA	< 0.14	NA	< 0.14	< 0.7	< 0.28	< 0.7	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.005	0.05	NA	NA	< 0.36	NA	< 0.36	< 1.8	< 0.72	< 1.8	< 0.72	< 0.72	< 0.72	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	NA	NA	< 0.27	NA	< 0.27	< 1.4	< 0.54	< 1.4	< 0.54	< 0.54	< 0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	NA	NA	< 0.28	NA	< 0.28	< 1.4	< 0.56	< 1.4	< 0.56	< 0.56	< 0.56	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.5	5	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.4	< 1	< 0.40	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NA	NA	< 0.24	NA	< 0.24	< 1.2	< 0.48	< 1.2	< 0.48	< 0.48	< 0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	14	70	NA	NA	< 0.31	NA	< 0.31	< 1.6	< 0.62	< 1.6	< 0.62	< 0.62	< 0.62	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	96	480	NA	NA	< 0.18	NA	< 0.18	< 0.9	< 0.36	< 0.9	< 0.36	< 0.36	< 0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	NA	NA	< 0.074	NA	< 0.074	< 0.37	< 0.15	< 0.37	< 0.15	< 0.15	< 0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	NA	NA	< 0.17	NA	< 0.17	< 0.85	< 0.34	< 0.85	< 0.34	< 0.34	< 0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	0.44	4.4	NA	NA	< 0.28	NA	< 0.28	< 1.4	< 0.56	< 1.4	< 0.56	< 0.56	< 0.56	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	1	10	NA	NA	< 0.31	NA	< 0.31	< 1.6	< 0.62	< 1.6	< 0.62	< 0.62	< 0.62	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	< 0.26	NA	< 0.26	< 1.3	< 0.52	< 1.3	< 0.52	< 0.52	< 0.52	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	NA	NA	< 0.34	NA	< 0.34	< 1.7	< 0.68	< 1.7	< 0.68	< 0.68	< 0.68	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.4	< 1	< 0.40	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	NA	NA	< 0.18	NA	< 0.18	< 0.9	< 0.36	< 0.9	< 0.36	< 0.36	< 0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	NA	NA	***20***	NA	***39***	***220***	***180***	***170***	***140***	***200***	***330***	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropyl ether	NE	NE	NA	NA	< 0.15	NA	< 0.15	< 0.75	< 0.3	< 0.75	< 0.30	< 0.30	< 0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1000	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.4	< 1	< 0.40	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	140	700	NA	NA	< 0.13	NA	< 0.13	< 0.65	< 0.26	< 0.65	< 0.26	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NA	NA	< 0.14	NA	< 0.14	< 0.7	< 0.28	< 0.7	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	NA	NA	< 0.24	NA	< 0.24	< 1.2	< 0.48	< 1.2	< 0.48	< 0.48	< 0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.5	5	NA	NA	< 0.68	NA	< 0.68	< 3.4	< 1.4	< 3.4	< 1.4	< 1.4	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	100	NA	NA	< 0.16	NA	< 0.16	< 0.8	< 0.32	< 0.8	< 0.32	< 0.32	< 0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NE	NA	NA	< 0.13	NA	< 0.13	< 0.65	< 0.26	< 0.65	< 0.26	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	NA	< 0.13	NA	< 0.13	< 0.65	< 0.26	< 0.65	< 0.26	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NA	NA	< 0.17	NA	< 0.17	< 0.85	< 0.34	< 0.85	< 0.34	< 0.34	< 0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	NA	NA	< 0.15	NA	< 0.15	< 0.75	< 0.3	< 0.75	< 0.30	< 0.30	< 0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	10	100	NA	NA	< 0.1	NA	< 0.1	< 0.5	< 0.2	< 0.5	< 0.20	< 0.20	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NA	NA	< 0.14	NA	< 0.14	< 0.7	< 0.28	< 0.7	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	NA	NA	***690***	NA	***650***	***1100***	***1000***	***1200***	***780***	***1100***	***1300***	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	160	800	NA	NA	< 0.11	NA	< 0.11	< 0.55	< 0.22	< 0.55	< 0.22	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	20	100	NA	NA	< 0.25	NA	< 0.25	< 1.3	2.2	< 1.3	2.0	2.6	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	NA	NA	***20***	NA	***29***	***100***	***100***	***89***	***83***	***110***	***150***	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	698	3490	NA	NA	< 0.19	NA	< 0.19	< 0.95	< 0.38	< 0.95	< 2.0	< 2.0	< 0.38	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	NA	NA	< 0.1	NA	< 0.1	***1.0 J***	< 0.2	< 0.5	***0.76 J***	***2.7***	***1.7***	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	400	2000	NA	NA	< 0.068	NA	< 0.068	< 0.34	< 0.14	< 0.34	< 0.14	< 0.14	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																						
Total Dissolved Solids (mg/L)	NE	NE	830	840	NA	1000	NA	NA	NA	NA	NA	NA	1000	1500	2400	3000	25000	12000	42000	34000	19000	12000
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-20D2	MW-20D2	MW-20D2	MW-20D2[1]	MW-20D2	MW-20D2	MW-20D2[1,3]	MW-20D2	MW-20D2[1]	MW-20D2[1]	MW-20D2[1]	MW-20D2[1]	MW-20D2	MW-20D2[1]	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	110 - 140 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	01/16/2013	01/16/2013	01/30/2013	02/12/2013	02/12/2013	02/12/2013	02/12/2013	02/28/2013	03/12/2013	04/18/2013	07/17/2013	10/15/2013	04/15/2014	10/22/2014	11/28/2012	12/12/2012	12/13/2012	12/14/2012	12/15/2012	12/16/2012	12/17/2012
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	NA	< 0.25	NA	< 0.25	NA	NA	< 0.25	NA	< 0.25	< 1.3	< 0.25	< 0.25	< 1.3	< 0.50	< 0.5	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	40	200	NA	< 0.2	NA	< 0.2	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.2	< 0.2	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	NA	< 0.28	NA	< 0.28	NA	NA	< 0.28	NA	< 0.28	< 1.4	< 0.28	< 0.28	< 1.4	< 0.56	< 0.56	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.7	7	NA	< 0.31	NA	< 0.31	NA	NA	< 0.31	NA	< 0.31	< 1.6	< 0.31	< 0.31	< 1.6	< 0.62	< 0.62	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	96	480	NA	< 0.14	NA	< 0.14	NA	NA	< 0.14	NA	< 0.14	< 0.7	< 0.14	< 0.14	< 0.70	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.005	0.05	NA	< 0.36	NA	< 0.36	NA	NA	< 0.36	NA	< 0.36	< 1.8	< 0.36	< 0.36	< 1.8	< 0.72	< 0.72	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	NA	< 0.27	NA	< 0.27	NA	NA	< 0.27	NA	< 0.27	< 1.4	< 0.27	< 0.27	< 1.4	< 0.54	< 0.54	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	NA	< 0.28	NA	< 0.28	NA	NA	< 0.28	NA	< 0.28	< 1.4	< 0.28	< 0.28	< 1.4	< 0.56	< 0.56	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.5	5	NA	< 0.2	NA	< 0.2	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.2	< 0.2	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NA	< 0.24	NA	< 0.24	NA	NA	< 0.24	NA	< 0.24	< 1.2	< 0.24	< 0.24	< 1.2	< 0.48	< 0.48	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	14	70	NA	< 0.31	NA	< 0.31	NA	NA	< 0.31	NA	< 0.31	< 1.6	< 0.31	< 0.31	< 1.6	< 0.62	< 0.62	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	96	480	NA	< 0.18	NA	< 0.18	NA	NA	< 0.18	NA	< 0.18	< 0.9	< 0.18	< 0.18	< 0.90	< 0.36	< 0.36	NA	NA	NA	NA	NA	NA
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	NA	< 0.074	NA	0.19 J	NA	NA	< 0.074	NA	< 0.074	< 0.37	< 0.074	< 0.074	< 0.37	< 0.15	< 0.15	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	NA	< 0.17	NA	< 0.17	NA	NA	< 0.17	NA	< 0.17	< 0.85	< 0.17	< 0.17	< 0.85	< 0.34	< 0.34	NA	NA	NA	NA	NA	NA
Bromoform	0.44	4.4	NA	< 0.28	NA	< 0.28	NA	NA	< 0.28	NA	< 0.28	< 1.4	< 0.28	< 0.28	< 1.4	< 0.56	< 0.56	NA	NA	NA	NA	NA	NA
Bromomethane	1	10	NA	< 0.31	NA	< 0.31	NA	NA	< 0.31	NA	< 0.31	< 1.6	< 0.31	< 0.31	< 1.6	< 0.62	< 0.62	NA	NA	NA	NA	NA	NA
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	< 0.26	NA	< 0.26	NA	NA	< 0.26	NA	< 0.26	< 1.3	< 0.26	< 0.26	< 1.3	< 0.52	< 0.52	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	NA	< 0.34	NA	< 0.34	NA	NA	< 0.34	NA	< 0.34	< 1.7	< 0.34	< 0.34	< 1.7	< 0.68	< 0.68	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	NA	0.47 J	NA	< 0.2	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.2	< 0.2	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	NA	< 0.18	NA	< 0.18	NA	NA	< 0.18	NA	< 0.18	< 0.9	< 0.18	< 0.18	< 0.90	< 0.36	< 0.36	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	NA	< 0.12	NA	2.8	NA	NA	< 0.12	NA	2.8	***30***	< 0.12	1.4	< 0.60	***12***	***380***	NA	NA	NA	NA	NA	NA
Di-isopropyl ether	NE	NE	NA	< 0.15	NA	NA	NA	< 0.15	< 0.15	NA	< 0.15	< 0.75	< 0.15	< 0.15	< 0.75	< 0.30	< 0.3	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1000	NA	< 0.2	NA	< 0.2	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.2	< 0.2	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA
Ethylbenzene	140	700	NA	< 0.13	NA	< 0.13	NA	NA	< 0.13	NA	< 0.13	< 0.65	< 0.13	< 0.13	< 0.65	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NA	< 0.14	NA	< 0.14	NA	NA	< 0.14	NA	< 0.14	< 0.7	< 0.14	< 0.14	< 0.70	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	NA	< 0.24	NA	< 0.24	NA	NA	< 0.24	NA	< 0.24	< 1.2	< 0.24	< 0.24	< 1.2	< 0.48	< 0.48	NA	NA	NA	NA	NA	NA
Methylene chloride	0.5	5	NA	< 0.68	NA	< 0.68	NA	NA	< 0.68	NA	< 0.68	< 3.4	< 0.68	< 0.68	< 3.4	< 1.4	< 1.4	NA	NA	NA	NA	NA	NA
Naphthalene	10	100	NA	< 0.16	NA	< 0.16	NA	NA	< 0.16	NA	< 0.16	< 0.8	< 0.16	< 0.16	< 0.80	< 0.32	< 0.32	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NE	NA	< 0.13	NA	< 0.13	NA	NA	< 0.13	NA	< 0.13	< 0.65	< 0.13	< 0.13	< 0.65	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	< 0.13	NA	< 0.13	NA	NA	< 0.13	NA	< 0.13	< 0.65	< 0.13	< 0.13	< 0.65	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NA	< 0.17	NA	< 0.17	NA	NA	< 0.17	NA	< 0.17	< 0.85	< 0.17	< 0.17	< 0.85	< 0.34	< 0.34	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	NA	< 0.15	NA	< 0.15	NA	NA	< 0.15	NA	< 0.15	< 0.75	< 0.15	< 0.15	< 0.75	< 0.30	< 0.3	NA	NA	NA	NA	NA	NA
Styrene	10	100	NA	< 0.1	NA	< 0.1	NA	NA	< 0.1	NA	< 0.1	< 0.5	< 0.1	< 0.1	< 0.50	< 0.20	< 0.2	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NA	< 0.14	NA	< 0.14	NA	NA	< 0.14	NA	< 0.14	< 0.7	< 0.14	< 0.14	< 0.70	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	NA	***190***	NA	***700***	NA	NA	***24***	NA	***490***	***1100***	***53***	***380***	***1600***	***740***	***1200***	NA	NA	NA	NA	NA	NA
Toluene	160	800	NA	0.34 J	NA	< 0.11	NA	NA	< 0.11	NA	< 0.11	< 0.55	< 0.11	< 0.11	< 0.55	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	20	100	NA	< 0.25	NA	< 0.25	NA	NA	< 0.25	NA	< 0.25	< 1.3	< 0.25	< 0.25	< 1.3	< 0.50	5.1	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	NA	< 0.19	NA	***7.9***	NA	NA	< 0.19	NA	***5.3***	***41***	< 0.19	***4.5***	***2.7***	***11***	***180***	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	698	3490	NA	< 0.19	NA	NA	NA	< 0.19	< 0.19	NA	< 0.19	< 0.95	< 0.19	< 0.19	< 5.0	< 2.0	< 0.38	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	NA	< 0.1	NA	< 0.1	NA	NA	< 0.1	NA	< 0.1	< 0.5	< 0.1	< 0.1	< 0.50	< 0.20	***1.4***	NA	NA	NA	NA	NA	NA
Xylenes, Total	400	2000	NA	< 0.068	NA	< 0.068	NA	NA	< 0.068	NA	< 0.068	< 0.34	< 0.068	< 0.068	< 0.34	< 0.14	< 0.14	NA	NA	NA	NA	NA	NA
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	8700	2400	5500	7700	1900	NA	NA	3900	NA	NA	NA	NA	NA	NA	1400	1000	8900	3000	3800	3700	2700
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D[1]	MW-21D	MW-21D[1]	MW-21D	MW-21D	MW-21D	MW-21D	MW-21D2	MW-21D2	MW-21D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	60 - 90 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	12/18/2012	12/19/2012	12/27/2012	01/02/2013	01/17/2013	01/17/2013	01/30/2013	02/14/2013	02/14/2013	02/14/2013	02/28/2013	03/12/2013	04/17/2013	07/18/2013	10/10/2013	04/15/2014	10/23/2014	11/28/2012	12/16/2012	12/17/2012
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	NA	NA	NA	NA	NA	< 0.25	NA	NA	NA	< 0.5	NA	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 0.25	< 1.3	NA	NA
1,1,1-Trichloroethane	40	200	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 0.4	NA	< 0.4	< 1	< 1	< 1	< 1.0	< 0.20	< 1	NA	NA
1,1,2-Trichloroethane	0.5	5	NA	NA	NA	NA	NA	< 0.28	NA	NA	NA	< 0.56	NA	< 0.56	< 1.4	< 1.4	< 1.4	< 1.4	< 0.28	< 1.4	NA	NA
1,1-Dichloroethene	0.7	7	NA	NA	NA	NA	NA	< 0.31	NA	NA	NA	< 0.62	NA	< 0.62	< 1.6	< 1.6	< 1.6	< 1.6	< 0.31	< 1.6	NA	NA
1,2,4-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	< 0.28	NA	< 0.28	< 0.7	< 0.7	< 0.7	< 0.70	< 0.14	< 0.7	NA	NA
1,2-Dibromoethane	0.005	0.05	NA	NA	NA	NA	NA	< 0.36	NA	NA	NA	< 0.72	NA	< 0.72	< 1.8	< 1.8	< 1.8	< 1.8	< 0.36	< 1.8	NA	NA
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	< 0.27	NA	NA	NA	< 0.54	NA	< 0.54	< 1.4	< 1.4	< 1.4	< 1.4	< 0.27	< 1.4	NA	NA
1,2-Dichloroethane	0.5	5	NA	NA	NA	NA	NA	< 0.28	NA	NA	NA	< 0.56	NA	< 0.56	< 1.4	< 1.4	< 1.4	< 1.4	< 0.28	< 1.4	NA	NA
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 0.4	NA	< 0.4	< 1	< 1	< 1	< 1.0	< 0.20	< 1	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NA	NA	NA	NA	NA	< 0.24	NA	NA	NA	< 0.48	NA	< 0.48	< 1.2	< 1.2	< 1.2	< 1.2	< 0.24	< 1.2	NA	NA
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	< 0.31	NA	NA	NA	< 0.62	NA	< 0.62	< 1.6	< 1.6	< 1.6	< 1.6	< 0.31	< 1.6	NA	NA
1,3,5-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	< 0.18	NA	NA	NA	< 0.36	NA	< 0.36	< 0.9	< 0.9	< 0.9	< 0.90	< 0.18	< 0.9	NA	NA
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	NA	NA	NA	NA	NA	< 0.074	NA	NA	NA	< 0.15	NA	< 0.15	< 0.37	< 0.37	< 0.37	< 0.37	0.33 J	< 0.37	NA	NA
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	< 0.34	NA	< 0.34	< 0.85	< 0.85	< 0.85	< 0.85	< 0.17	< 0.85	NA	NA
Bromoform	0.44	4.4	NA	NA	NA	NA	NA	< 0.28	NA	NA	NA	< 0.56	NA	< 0.56	< 1.4	< 1.4	< 1.4	< 1.4	< 0.28	< 1.4	NA	NA
Bromomethane	1	10	NA	NA	NA	NA	NA	< 0.31	NA	NA	NA	< 0.62 *	NA	< 0.62	< 1.6	< 1.6	< 1.6	< 1.6	< 0.31	< 1.6	NA	NA
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	< 0.26	NA	NA	NA	< 0.52	NA	< 0.52	< 1.3	< 1.3	< 1.3	< 1.3	< 0.26	< 1.3	NA	NA
Chloroethane	80	400	NA	NA	NA	NA	NA	< 0.34	NA	NA	NA	< 0.68	NA	< 0.68	< 1.7	< 1.7	< 1.7	< 1.7	< 0.34	< 1.7	NA	NA
Chloroform	0.6	6	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 0.4	NA	< 0.4	< 1	< 1	< 1	< 1.0	***0.70 J***	< 1	NA	NA
Chloromethane	3	30	NA	NA	NA	NA	NA	< 0.18	NA	NA	NA	< 0.36	NA	< 0.36	< 0.9	< 0.9	< 0.9	< 0.90	< 0.18	< 0.9	NA	NA
cis-1,2-Dichloroethene	7	70	NA	NA	NA	NA	NA	***85***	NA	NA	NA	***270***	NA	***310***	***310***	***370***	***360***	***320***	***230***	***300***	NA	NA
Di-isopropyl ether	NE	NE	NA	NA	NA	NA	NA	< 0.15	NA	NA	NA	< 0.3	NA	< 0.3	< 0.75	< 0.75	< 0.75	< 0.75	< 0.15	< 0.75	NA	NA
Dichlorodifluoromethane	200	1000	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 0.4	NA	< 0.4	< 1	< 1	< 1	< 1.0	< 0.20	< 1	NA	NA
Ethylbenzene	140	700	NA	NA	NA	NA	NA	0.43 J	NA	NA	NA	< 0.26	NA	< 0.26	< 0.65	< 0.65	< 0.65	< 0.65	< 0.13	< 0.65	NA	NA
Isopropylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	< 0.28	NA	< 0.28	< 0.7	< 0.7	< 0.7	< 0.70	< 0.14	< 0.7	NA	NA
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	NA	NA	NA	NA	NA	< 0.24	NA	NA	NA	< 0.48	NA	< 0.48	< 1.2	< 1.2	< 1.2	< 1.2	< 0.24	< 1.2	NA	NA
Methylene chloride	0.5	5	NA	NA	NA	NA	NA	< 0.68	NA	NA	NA	< 1.4	NA	< 1.4	< 3.4	< 3.4	< 3.4	< 3.4	< 0.68	< 3.4	NA	NA
Naphthalene	10	100	NA	NA	NA	NA	NA	< 0.16	NA	NA	NA	< 0.32	NA	< 0.32	< 0.8	< 0.8	< 0.8	< 0.80	< 0.16	< 0.8	NA	NA
n-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	< 0.26	NA	< 0.26	< 0.65	< 0.65	< 0.65	< 0.65	< 0.13	< 0.65	NA	NA
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	< 0.26	NA	< 0.26	< 0.65	< 0.65	< 0.65	< 0.65	< 0.13	< 0.65	NA	NA
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	< 0.34	NA	< 0.34	< 0.85	< 0.85	< 0.85	< 0.85	< 0.17	< 0.85	NA	NA
sec-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.15	NA	NA	NA	< 0.3	NA	< 0.3	< 0.75	< 0.75	< 0.75	< 0.75	< 0.15	< 0.75	NA	NA
Styrene	10	100	NA	NA	NA	NA	NA	< 0.1	NA	NA	NA	< 0.2	NA	< 0.2	< 0.5	< 0.5	< 0.5	< 0.50	< 0.10	< 0.5	NA	NA
tert-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	< 0.28	NA	< 0.28	< 0.7	< 0.7	< 0.7	< 0.70	< 0.14	< 0.7	NA	NA
Tetrachloroethene	0.5	5	NA	NA	NA	NA	NA	***700***	NA	NA	NA	***1600***	NA	***1500***	***1100***	***1700***	***1600***	***1800***	***1200***	***2600***	NA	NA
Toluene	160	800	NA	NA	NA	NA	NA	0.38 J	NA	NA	NA	< 0.22	NA	< 0.22	< 0.55	< 0.55	< 0.55	< 0.55	< 0.11	< 0.55	NA	NA
trans-1,2-Dichloroethene	20	100	NA	NA	NA	NA	NA	< 0.25	NA	NA	NA	< 0.5	NA	2.9	< 1.3	5.2	6.2	5.0	4.1	2.7 J	NA	NA
Trichloroethene	0.5	5	NA	NA	NA	NA	NA	***23***	NA	NA	NA	***130***	NA	***160***	***140***	***180***	***160***	***180***	***170***	***160***	NA	NA
Trichlorofluoromethane	698	3490	NA	NA	NA	NA	NA	< 0.19	NA	NA	NA	< 0.38	NA	< 0.38	< 0.95	< 0.95	< 0.95	< 5.0	< 1.0	< 0.95	NA	NA
Vinyl chloride	0.02	0.2	NA	NA	NA	NA	NA	< 0.1	NA	NA	NA	< 0.2	NA	< 0.2	< 0.5	< 0.5	< 0.5	***1.5 J***	***1.3***	< 0.5	NA	NA
Xylenes, Total	400	2000	NA	NA	NA	NA	NA	2.5	NA	NA	NA	< 0.14	NA	< 0.14	< 0.34	< 0.34	< 0.34	< 0.34	< 0.068	< 0.34	NA	NA
Total PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																						
Total Dissolved Solids (mg/L)	NE	NE	2000	1700	1300	1300	1200	1200	1100	1100	1100	NA	1200	NA	NA	NA	NA	NA	NA	1100	950	930
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-21D2	MW-21D2	MW-21D2	MW-21D2	MW-21D2	MW-21D2	MW-21D2	MW-21D2	MW-21D2	MW-21D2[1]	MW-21D2	MW-21D2[1]	MW-21D2[1]	MW-21D2	MW-21D2	MW-21D2	MW-21D2[1]	MW-22S	MW-22S	MW-22S	MW-22S
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	110 - 170 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	12/18/2012	12/19/2012	12/27/2012	01/02/2013	01/17/2013	01/17/2013	01/31/2013	02/14/2013	02/14/2013	02/14/2013	02/28/2013	03/12/2013	04/17/2013	07/18/2013	10/15/2013	04/15/2014	10/23/2014	01/15/2013	03/07/2013	04/19/2013	07/16/2013
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	NA	NA	NA	NA	NA	< 0.25	NA	NA	NA	< 1.3	NA	< 1.3	< 2.5	< 1.3	< 0.5	< 1.3	< 0.25	< 0.25	NA	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 1	NA	< 1	< 2	< 1	< 0.4	< 1.0	< 0.20	< 0.2	NA	< 0.2	< 0.2
1,1,2-Trichloroethane	0.5	5	NA	NA	NA	NA	NA	***1.4***	NA	NA	NA	< 1.4	NA	< 1.4	< 2.8	< 1.4	< 0.56	< 1.4	< 0.28	< 0.28	NA	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	NA	NA	NA	NA	NA	< 0.31	NA	NA	NA	< 1.6	NA	< 1.6	< 3.1	< 1.6	< 0.62	< 1.6	< 0.31	< 0.31	NA	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	< 0.7	NA	< 0.7	< 1.4	< 0.7	< 0.28	< 0.70	< 0.14	0.86 J	NA	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	NA	NA	NA	NA	NA	< 0.36	NA	NA	NA	< 1.8	NA	< 1.8	< 3.6	< 1.8	< 0.72	< 1.8	< 0.36	< 0.36	NA	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	< 0.27	NA	NA	NA	< 1.4	NA	< 1.4	< 2.7	< 1.4	< 0.54	< 1.4	< 0.27	< 0.27	NA	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	NA	NA	NA	NA	NA	< 0.28	NA	NA	NA	< 1.4	NA	< 1.4	< 2.8	< 1.4	< 0.56	< 1.4	< 0.28	< 0.28	NA	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 1	NA	< 1	< 2	< 1	< 0.4	< 1.0	< 0.20	< 0.2	NA	< 0.2	< 0.2
1,2,3-Trichlorobenzene	NE	NE	NA	NA	NA	NA	NA	< 0.24	NA	NA	NA	< 1.2	NA	< 1.2	< 2.4	< 1.2	< 0.48	< 1.2	< 0.24	< 0.24	NA	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	< 0.31	NA	NA	NA	< 1.6	NA	< 1.6	< 3.1	< 1.6	< 0.62	< 1.6	< 0.31	< 0.31	NA	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	< 0.18	NA	NA	NA	< 0.9	NA	< 0.9	< 1.8	< 0.9	< 0.36	< 0.90	< 0.18	< 0.18	NA	< 0.18	< 0.18
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	NA	NA	NA	NA	NA	0.25 J	NA	NA	NA	< 0.37	NA	< 0.37	< 0.74	< 0.37	< 0.15	< 0.37	0.24 J	***1.1***	NA	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	< 0.85	NA	< 0.85	< 1.7	< 0.85	< 0.34	< 0.85	< 0.17	< 0.17	NA	< 0.17	< 0.17
Bromoform	0.44	4.4	NA	NA	NA	NA	NA	< 0.28	NA	NA	NA	< 1.4	NA	< 1.4	< 2.8	< 1.4	< 0.56	< 1.4	< 0.28	< 0.28	NA	< 0.28	< 0.28
Bromomethane	1	10	NA	NA	NA	NA	NA	< 0.31	NA	NA	NA	< 1.6 *	NA	< 1.6	< 3.1	< 1.6	< 0.62	< 1.6	< 0.31	< 0.31	NA	< 0.31	< 0.31
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	< 0.26	NA	NA	NA	< 1.3	NA	< 1.3	< 2.6	< 1.3	< 0.52	< 1.3	< 0.26	< 0.26	NA	< 0.26	< 0.26
Chloroethane	80	400	NA	NA	NA	NA	NA	< 0.34	NA	NA	NA	< 1.7	NA	< 1.7	< 3.4	< 1.7	< 0.68	< 1.7	< 0.34	< 0.34	NA	< 0.34	< 0.34
Chloroform	0.6	6	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 1	NA	< 1	< 2	< 1	< 0.4	< 1.0	***0.81 J***	***1***	NA	***0.91 J***	***1.4***
Chloromethane	3	30	NA	NA	NA	NA	NA	< 0.18	NA	NA	NA	< 0.9	NA	< 0.9	< 1.8	< 0.9	< 0.36	< 0.90	< 0.18	< 0.18	NA	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	NA	NA	NA	NA	NA	< 0.12	NA	NA	NA	< 0.6	NA	< 0.6	***190***	***220***	***110***	***110***	1.3	1.8	NA	6.1	3.8
Di-isopropyl ether	NE	NE	NA	NA	NA	NA	NA	< 0.15	NA	NA	NA	< 0.75	NA	< 0.75	< 1.5	< 0.75	< 0.3	< 0.75	< 0.15	< 0.15	NA	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 1	NA	< 1	< 2	< 1	< 0.4	< 1.0	< 0.20	< 0.2	NA	< 0.2	< 0.2
Ethylbenzene	140	700	NA	NA	NA	NA	NA	0.62	NA	NA	NA	< 0.65	NA	< 0.65	< 1.3	< 0.65	< 0.26	< 0.65	< 0.13	0.50	NA	< 0.13	< 0.13
Isopropylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	< 0.7	NA	< 0.7	< 1.4	< 0.7	< 0.28	< 0.70	< 0.14	< 0.14	NA	< 0.14	< 0.14
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	NA	NA	NA	NA	NA	< 0.24	NA	NA	NA	< 1.2	NA	< 1.2	< 2.4	< 1.2	< 0.48	< 1.2	< 0.24	< 0.24	NA	< 0.24	< 0.24
Methylene chloride	0.5	5	NA	NA	NA	NA	NA	< 0.68	NA	NA	NA	< 3.4	NA	< 3.4	< 6.8	< 3.4	< 1.4	< 3.4	< 0.68	< 0.68	NA	< 0.68	< 0.68
Naphthalene	10	100	NA	NA	NA	NA	NA	< 0.16	NA	NA	NA	< 0.8	NA	< 0.8	< 1.6	< 0.8	< 0.32	< 0.80	< 0.16	< 0.16	NA	< 0.16	< 0.16
n-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	< 0.65	NA	< 0.65	< 1.3	< 0.65	< 0.26	< 0.65	< 0.13	< 0.13	NA	< 0.13	< 0.13
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.13	NA	NA	NA	< 0.65	NA	< 0.65	< 1.3	< 0.65	< 0.26	< 0.65	< 0.13	< 0.13	NA	< 0.13	< 0.13
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NA	NA	NA	NA	NA	< 0.17	NA	NA	NA	< 0.85	NA	< 0.85	< 1.7	< 0.85	< 0.34	< 0.85	< 0.17	< 0.17	NA	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.15	NA	NA	NA	< 0.75	NA	< 0.75	< 1.5	< 0.75	< 0.3	< 0.75	< 0.15	< 0.15	NA	< 0.15	< 0.15
Styrene	10	100	NA	NA	NA	NA	NA	< 0.1	NA	NA	NA	< 0.5	NA	< 0.5	< 1	< 0.5	< 0.2	< 0.50	< 0.10	< 0.1	NA	< 0.1	< 0.1
tert-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.14	NA	NA	NA	< 0.7	NA	< 0.7	< 1.4	< 0.7	< 0.28	< 0.70	< 0.14	< 0.14	NA	< 0.14	< 0.14
Tetrachloroethene	0.5	5	NA	NA	NA	NA	NA	***1200***	NA	NA	NA	***3900***	NA	***2200***	***3500***	***2500***	***1500***	***1900***	***930***	***180***	NA	***160***	***210***
Toluene	160	800	NA	NA	NA	NA	NA	0.48 J	NA	NA	NA	< 0.55	NA	< 0.55	< 1.1	< 0.55	< 0.22	< 0.55	< 0.11	1.7	NA	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	NA	NA	NA	NA	NA	< 0.25	NA	NA	NA	< 1.3	NA	< 1.3	< 2.5	< 1.3	< 0.5	< 1.3	< 0.25	< 0.25	NA	< 0.25	< 0.25
Trichloroethene	0.5	5	NA	NA	NA	NA	NA	< 0.19	NA	NA	NA	***11***	NA	***14***	***150***	***210***	***120***	***130***	***3.3***	***4.8***	NA	***5.4***	***8.5***
Trichlorofluoromethane	698	3490	NA	NA	NA	NA	NA	< 0.19	NA	NA	NA	< 0.95	NA	< 0.95	< 1.9	< 0.95	< 0.38	< 5.0	< 1.0	< 0.19	NA	< 0.19	< 0.19
Vinyl chloride	0.02	0.2	NA	NA	NA	NA	NA	< 0.1	NA	NA	NA	< 0.5	NA	< 0.5	< 1	< 0.5	< 0.2	< 0.50	< 0.10	< 0.1	NA	< 0.1	< 0.1
Xylenes, Total	400	2000	NA	NA	NA	NA	NA	4.3	NA	NA	NA	< 0.34	NA	< 0.34	< 0.68	< 0.34	< 0.14	< 0.34	< 0.068	1.5	NA	< 0.068	< 0.068
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***12***	< 0.033	***4***	< 0.064
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.49	***13***	< 0.19	< 0.19
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.69	< 0.099	< 0.19	***4.7***
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.58	< 0.099	< 0.19	< 0.19
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***12***	***13***	***4***	***4.7***
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.037	< 0.068	< 0.065
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	< 0.2	< 0.19
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	< 0.2	< 0.19
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	< 0.2	< 0.19
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	910	920	1000	1100	1900	1800	4000	1200	1700	NA	3900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S	MW-22S[3]	MW-22D	MW-22D[3]	MW-22D	MW-22D	MW-22D[3]	MW-22D	MW-22D[3]	MW-22D	MW-22D[3]	MW-22D	MW-22D[3]
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/10/2013	04/18/2014	10/20/2014	04/09/2015	10/20/2015	10/14/2016	10/06/2017	10/06/2017	01/15/2013	01/15/2013	03/08/2013	04/19/2013	04/19/2013	07/16/2013	07/16/2013	10/10/2013	10/10/2013	04/18/2014	04/18/2014	10/16/2014	10/16/2014
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.25	< 0.25	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 0.2	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1	< 0.1	< 0.2	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.1	< 0.1	< 0.28	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	0.14 J	< 0.31	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 0.06	< 0.06	< 0.14	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.36	< 0.36	NA	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	0.11 J	0.11 J	< 0.27	< 0.27	NA	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.2	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1	< 0.1	< 0.2	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.24	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	0.08 BJ	< 0.077	< 0.31	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.18	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	NA	NA	NA	NA	NA	< 3.0	< 3	< 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	< 3.4	< 3.4	11 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.074	< 0.074	NA	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.17	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 0.28	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 0.31	< 0.31	< 0.31 *	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.31	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	< 0.053	< 0.053	< 0.053	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.26	< 0.26	NA	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Chloroethane	80	400	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.34	< 0.34	NA	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 0.2	< 0.20	***0.75 J***	< 0.20	***0.66 J***	***0.91***	0.5	0.49 J	< 0.2	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20
Chloromethane	3	30	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	0.72 J	***3***	***5.2***	0.47 J	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	***97***	***46***	***58***	***65***	***32***	***46***	***38 J-***	***37***	3.6	3.3	NA	4.9	4.9	3.7	3.7	< 0.12	4.0	2.6	2.5	4.2	4.9
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.2	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.2	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.13	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.14	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	< 0.057	< 0.057	< 0.057	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.24 *	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
Methylene chloride	0.5	5	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 0.14	< 0.14	< 0.14	< 0.68	< 0.68	NA	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	***6.6***	***7.1***
Naphthalene	10	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.088	< 0.16	< 0.16	NA	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.13	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
n-Hexane	120	600	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 0.1	< 0.1	< 0.13	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000	NA	NA	NA	NA	NA	< 0.058	< 0.058	< 0.058	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.17	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.15	< 0.15	NA	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Styrene	10	100	< 0.1	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	< 0.065	< 0.065	< 0.1	< 0.1	NA	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.14	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	***13***	***23***	***61***	***17***	***30***	***18***	***24 BJ***	***23 B***	***520***	***470***	NA	***450***	***430***	***270***	***310***	***190***	***190***	***430***	***450***	***250***	***270***
Toluene	160	800	< 0.11	< 0.11	< 0.11	< 0.11	< 0.15	0.12 J	< 0.053	< 0.053	< 0.11	< 0.11	NA	< 0.11	< 0.11	0.37 J	0.38 J	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	0.36 J	0.49 J	0.46 J	< 0.25	< 0.25	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Trichloroethene	0.5	5	***6.1***	***4.2***	***7.1***	***2.9***	***4.1***	***9.8***	***9.4***	***9.1***	***5.8***	***6***	NA	***5.8***	***5.7***	***5***	***5.3***	***4.9***	***5.3***	***6.8***	***6.7***	***5.7***	***6.9***
Trichlorofluoromethane	698	3490	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 0.5	< 0.5	< 0.19	< 0.19	NA	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	0.02	0.2	< 0.1	< 0.10	< 0.10	< 0.10	< 0.20	***0.40 J***	***0.85***	***0.8***	< 0.1	< 0.1	NA	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	***0.92***	< 0.10	< 0.10	***0.68***	***0.66***
Xylenes, Total	400	2000	< 0.068	< 0.068	< 0.068	< 0.068	< 0.22	< 0.058	< 0.12	< 0.12	< 0.068	< 0.068	NA	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068
Total PCBs																							
Aroclor-1016	0.003	0.03	< 0.064	< 0.065	NA	NA	NA	NA	< 0.035	< 0.035	***2.4***	NA	< 0.033	< 0.064	NA	< 0.063	NA	< 0.063	NA	< 0.065	NA	NA	NA
Aroclor-1232	0.003	0.03	***12***	< 0.20	NA	NA	NA	NA	< 0.037	< 0.037	< 0.092	NA	***2.6***	< 0.19	NA	< 0.19	NA	***3.3***	NA	< 0.19	NA	NA	NA
Aroclor-1242	0.003	0.03	< 0.19	***7.1***	NA	NA	NA	NA	< 0.038	< 0.038	< 0.13	NA	< 0.1	< 0.19	NA	***0.97***	NA	< 0.19	NA	< 0.19	NA	NA	NA
Aroclor-1248	0.003	0.03	< 0.19	< 0.20	NA	NA	NA	NA	***2***	***1.9***	< 0.11	NA	< 0.1	< 0.19	NA	< 0.19	NA	< 0.19	NA	< 0.19	NA	NA	NA
Total Detected PCBs	0.003	0.03	***12***	***7.1***	NA	NA	NA	NA	***2***	***1.9***	***2.4***	NA	***2.6***	ND	NA	***0.97***	NA	***3.3***	NA	ND	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	< 0.063	< 0.067	***0.89***	< 0.063	< 0.064	NA	NA	NA	NA	NA	< 0.033	< 0.064	NA	< 0.064	NA	< 0.065	NA	< 0.066	NA	< 0.063	NA
Aroclor-1232	0.003	0.03	< 0.19	< 0.20	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	< 0.1	< 0.19	NA	< 0.19	NA	< 0.19	NA	< 0.20	NA	< 0.19	NA
Aroclor-1242	0.003	0.03	< 0.19	***0.28 J***	< 0.19	***1.9***	< 0.19	NA	NA	NA	NA	NA	< 0.1	< 0.19	NA	< 0.19	NA	< 0.19	NA	< 0.20	NA	< 0.19	NA
Aroclor-1248	0.003	0.03	< 0.19	< 0.20	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	< 0.1	< 0.19	NA	< 0.19	NA	< 0.19	NA	< 0.20	NA	< 0.19	NA
Total Detected PCBs	0.003	0.03	ND	***0.28 J***	***0.89***	***1.9***	ND	NA	NA	NA	NA	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	806	830	838	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	4.0	1.2 J	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-22D	MW-22D[3]	MW-22D	MW-22D	MW-22D	MW-22D[3]	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D	MW-22D[3]	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S	MW-23S
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/09/2015	04/09/2015	06/10/2015	07/20/2015	10/20/2015	10/20/2015	01/22/2016	04/21/2016	07/20/2016	10/14/2016	1/20/2017	04/11/2017	10/06/2017	10/06/2017	01/15/2013	04/19/2013	07/16/2013	09/05/2013	09/05/2013	10/10/2013	04/18/2014
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	NA	NA	< 0.46	< 0.46	< 0.11	< 2.2	< 0.55	< 0.44	< 0.55	< 0.55	< 0.55	< 0.55	< 0.25	< 0.25	< 0.25	< 0.25	NA	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 0.20	< 0.20	NA	NA	< 0.38	< 0.38	< 0.10	< 2.0	< 0.50	< 0.40	< 0.50	< 0.50	< 0.5	< 0.5	< 0.2	< 0.2	< 0.2	< 0.2	NA	< 0.2	< 0.20
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	NA	NA	< 0.35	< 0.35	< 0.10	< 2.0	< 0.50	< 0.40	< 0.50	< 0.50	< 0.5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	NA	***1.8***	< 0.28
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	NA	NA	< 0.39	< 0.39	< 0.14	< 2.8	< 0.70	< 0.56	< 0.70	< 0.70	< 0.7	< 0.7	< 0.31	< 0.31	< 0.31	< 0.31	NA	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	NA	NA	< 0.36	< 0.36	< 0.060	< 1.2	< 0.30	< 0.24	< 0.30	< 0.30	< 0.3	< 0.3	< 0.14	< 0.14	< 0.14	< 0.14	NA	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	NA	NA	< 0.39	< 0.39	< 0.13	< 2.6	< 0.65	< 0.52	< 0.65	< 0.65	< 0.65	< 0.65	< 0.36	< 0.36	< 0.36	< 0.36	NA	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	NA	NA	< 0.33	< 0.33	< 0.076	< 1.5	< 0.38	< 0.30	< 0.38	< 0.38	< 0.38	< 0.38	< 0.27	< 0.27	< 0.27	< 0.27	NA	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	NA	NA	< 0.39	< 0.39	< 0.078	< 1.6	< 0.39	< 0.31	< 0.39	< 0.39	< 0.39	< 0.39	< 0.28	< 0.28	< 0.28	< 0.28	NA	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.20	< 0.20	NA	NA	< 0.43	< 0.43	< 0.10	< 2.0	< 0.50	< 0.40	< 0.50	< 0.50	< 0.5	< 0.5	< 0.2	< 0.2	< 0.2	< 0.2	NA	< 0.2	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	NA	NA	< 0.46	< 0.46	< 0.045	< 0.90	< 0.23	< 0.18	< 0.23	< 0.23	< 0.23	< 0.23	< 0.24	< 0.24	< 0.24	< 0.24	NA	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	NA	NA	< 0.34	< 0.34	< 0.077	< 1.5	< 0.39	< 0.31	< 0.39	< 0.39	< 0.39	< 0.39	< 0.31	< 0.31	< 0.31	< 0.31	NA	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	NA	NA	< 0.25	< 0.25	< 0.075	< 1.5	< 0.38	< 0.30	< 0.38	< 0.38	< 0.38	< 0.38	< 0.18	< 0.18	< 0.18	< 0.18	NA	< 0.18	< 0.18
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	< 3.0	< 60	< 15	< 12	< 15	< 15	< 15	< 15	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	< 0.95	< 19	< 4.8	< 3.8	< 4.8	< 4.8	< 4.8	< 4.8	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	< 0.77	< 15	< 3.9	< 3.1	< 3.9	< 3.9	< 3.9	< 3.9	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	< 3.4	< 68	< 17	< 14	< 17	38 BJ	< 17	< 17	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	0.47 J	< 0.074	NA	NA	< 0.15	< 0.15	< 0.089	< 1.8	< 0.45	< 0.36	< 0.45	***0.80 J***	< 0.45	< 0.45	***0.73***	< 0.074	< 0.074	< 0.074	NA	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	NA	NA	< 0.37	< 0.37	< 0.077	< 1.5	< 0.39	< 0.31	< 0.39	< 0.39	< 0.39	< 0.39	< 0.17	< 0.17	< 0.17	< 0.17	NA	< 0.17	< 0.17
Bromoform	0.44	4.4	< 0.28	< 0.28	NA	NA	< 0.48	< 0.48	< 0.088	< 1.8	< 0.44	< 0.35	< 0.44	< 0.44	< 0.44	< 0.44	< 0.28	< 0.28	< 0.28	< 0.28	NA	< 0.28	< 0.28
Bromomethane	1	10	< 0.31	< 0.31	NA	NA	< 0.80	< 0.80	< 0.59	< 12	< 3.0	< 2.4	< 3.0	< 3.0	< 3	< 3	< 0.31	< 0.31	< 0.31	< 0.31	NA	< 0.31	< 0.31
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	< 0.053	9.2 J	< 0.27	< 0.21	< 0.27	2.3 J	< 0.27	< 0.27	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	NA	NA	< 0.38	< 0.38	< 0.038	< 0.76	< 0.19	< 0.15	< 0.19	< 0.19	< 0.19	< 0.19	< 0.26	< 0.26	< 0.26	< 0.26	NA	< 0.26	< 0.26
Chloroethane	80	400	< 0.34	< 0.34	NA	NA	< 0.47	< 0.47	< 0.25	< 5.0	< 1.3	< 1.0	< 1.3	< 1.3	< 1.3	< 1.3	< 0.34	< 0.34	< 0.34	< 0.34	NA	< 0.34	< 0.34
Chloroform	0.6	6	< 0.20	< 0.20	NA	NA	< 0.37	< 0.37	0.36 J	***2.4 BJ***	< 0.31	< 0.25	0.40 BJ	***1.1 J***	< 0.31	< 0.31	< 0.2	< 0.2	< 0.2	< 0.2	NA	< 0.2	< 0.20
Chloromethane	3	30	< 0.18	< 0.18	NA	NA	< 0.32	< 0.32	< 0.16	< 3.2	< 0.80	***3.4 J***	< 0.80	2.8 J+	< 0.8	***4.9 J***	1.2	< 0.18	< 0.18	< 0.18	NA	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	4.2	4.4	NA	NA	4.0	3.9	3.9	3.6 J	3.8	5.6	***14***	***26***	***47***	***47***	< 0.12	3.7	***29***	***27***	NA	***16***	***16***
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	NA	NA	< 0.28	< 0.28	< 0.15	< 3.0	< 0.75	< 0.60	< 0.75	< 0.75	< 0.75	< 0.75	< 0.15	< 0.15	< 0.15	< 0.15	NA	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.20	< 0.20	NA	NA	< 0.54	< 0.54	< 0.11	< 2.2	< 0.55	< 0.44	< 0.55	< 0.55	< 0.55	< 0.55	< 0.2	< 0.2	< 0.2	< 0.2	NA	< 0.2	< 0.20
Ethylbenzene	140	700	< 0.13	< 0.13	NA	NA	< 0.18	< 0.18	< 0.054	< 1.1	< 0.27	< 0.22	< 0.27	< 0.27	< 0.27	< 0.27	0.43 J	< 0.13	< 0.13	< 0.13	NA	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 0.14	< 0.14	NA	NA	< 0.39	< 0.39	< 0.081	< 1.6	< 0.41	< 0.32	< 0.41	< 0.41	< 0.41	< 0.41	< 0.14	< 0.14	< 0.14	< 0.14	NA	< 0.14	< 0.14
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	< 0.057	< 1.1	< 0.29	< 0.23	< 0.29	< 0.29	< 0.29	< 0.29	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	NA	NA	< 0.39	< 0.39	< 0.14	< 2.8	< 0.70	< 0.56	< 0.70	< 0.70	< 0.7	< 0.7	< 0.24	< 0.24	< 0.24	< 0.24	NA	< 0.24	< 0.24
Methylene chloride	0.5	5	< 0.68	< 0.68	NA	NA	< 1.6	< 1.6	< 0.14	< 2.8	< 0.70	< 0.56	***1.3 BJ***	< 0.70	< 0.7	< 0.7	< 0.68	< 0.68	< 0.68	< 0.68	NA	< 0.68	< 0.68
Naphthalene	10	100	< 0.16	< 0.16	NA	NA	< 0.34	< 0.34	< 0.088	< 1.8	< 0.44	< 0.35	< 0.44	1.6 BJ	< 0.44	< 0.44	< 0.16	< 0.16	< 0.16	< 0.16	NA	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 0.13	< 0.13	NA	NA	< 0.39	< 0.39	< 0.14	< 2.8	< 0.70	< 0.56	< 0.70	< 0.70	< 0.7	< 0.7	< 0.13	< 0.13	< 0.13	< 0.13	NA	< 0.13	< 0.13
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	< 0.21	< 4.2	< 1.1	< 0.84	< 1.1	< 1.1	< 1.1	< 1.1	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.13	< 0.13	NA	NA	< 0.41	< 0.41	< 0.10	< 2.0	< 0.50	< 0.40	< 0.50	< 0.50	< 0.5	< 0.5	< 0.13	< 0.13	< 0.13	< 0.13	NA	< 0.13	< 0.13
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	< 0.058	< 1.2	< 0.29	< 0.23	< 0.29	< 0.29	< 0.29	< 0.29	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	NA	NA	< 0.36	< 0.36	< 0.085	< 1.7	< 0.43	< 0.34	< 0.43	< 0.43	< 0.43	< 0.43	< 0.17	< 0.17	< 0.17	< 0.17	NA	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	NA	NA	< 0.40	< 0.40	< 0.13	< 2.6	< 0.65	< 0.52	< 0.65	< 0.65	< 0.65	< 0.65	< 0.15	< 0.15	< 0.15	< 0.15	NA	< 0.15	< 0.15
Styrene	10	100	< 0.10	< 0.10	NA	NA	< 0.39	< 0.39	< 0.065	< 1.3	< 0.33	< 0.26	< 0.33	< 0.33	< 0.33	0.35 BJ	< 0.1	< 0.1	< 0.1	< 0.1	NA	< 0.1	< 0.10
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	NA	NA	< 0.40	< 0.40	< 0.12	< 2.4	< 0.60	< 0.48	< 0.60	< 0.60	< 0.6	< 0.6	< 0.14	< 0.14	< 0.14	< 0.14	NA	< 0.14	< 0.14
Tetrachloroethene	0.5	5	***170***	***190***	NA	NA	***140***	***160***	***220***	***140***	***130***	***92***	***120***	***120***	***120 B***	***120 B***	***290***	***580***	***420***	***240***	NA	***130***	***210***
Toluene	160	800	< 0.11	< 0.11	NA	NA	< 0.15	< 0.15	< 0.053	< 1.1	< 0.27	0.48 J	0.50 BJ	0.80 J	< 0.27	< 0.27	1.3	< 0.11	< 0.11	< 0.11	NA	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	NA	NA	< 0.35	< 0.35	0.23 J	< 2.2	< 0.55	< 0.44	0.70 J	1.3 J	2.3 J	2.5 J	< 0.25	< 0.25	< 0.25	< 0.25	NA	< 0.25	< 0.25
Trichloroethene	0.5	5	***5.6***	***5.7***	NA	NA	***5.4***	***5.7***	***6.1***	***5.6 J***	***5.7***	***4.4***	***5.2 B***	***6.3***	***9.4***	***9.4***	***0.64***	***1.4***	***20***	***17***	NA	***15***	***11***
Trichlorofluoromethane	698	3490	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 0.50	< 10	< 2.5	< 2.0	< 2.5	< 2.5	< 2.5	< 2.5	< 0.19	< 0.19	< 0.19	< 0.19	NA	< 0.19	< 1.0
Vinyl chloride	0.02	0.2	***0.62***	< 0.10	NA	NA	***0.66***	***0.74***	< 0.16	< 3.2	***0.85 J***	***2.2***	***4.3***	***6.5 J+***	***10***	***11***	< 0.1	< 0.1	< 0.1	< 0.1	NA	< 0.1	< 0.10
Xylenes, Total	400	2000	< 0.068	< 0.068	NA	NA	< 0.22	< 0.22	< 0.058	< 1.2	< 0.29	< 0.23	< 0.58	< 0.58	< 0.58	< 0.58	0.95 J	< 0.068	< 0.068	< 0.068	NA	< 0.068	< 0.068
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.035	< 0.035	< 0.19	NA	< 0.063	< 0.028	NA	< 0.066	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.037	< 0.037	< 0.11	NA	< 0.19	< 0.083	NA	< 0.2	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.038	< 0.038	< 0.15	NA	< 0.19	< 0.083	NA	< 0.2	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***0.3***	***0.31***	< 0.13	NA	< 0.19	< 0.083	NA	< 0.2	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***0.3***	***0.31***	ND	NA	ND	ND	NA	ND	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	< 0.063	NA	< 0.066	< 0.062	< 0.069	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.063	NA	< 0.026	< 0.064	NA
Aroclor-1232	0.003	0.03	< 0.19	NA	< 0.20	< 0.19	< 0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.19	NA	< 0.078	< 0.19	NA
Aroclor-1242	0.003	0.03	***4.3***	NA	< 0.20	< 0.19	< 0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.19	NA	< 0.078	< 0.19	NA
Aroclor-1248	0.003	0.03	< 0.19	NA	< 0.20	< 0.19	< 0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.19	NA	< 0.078	< 0.19	NA
Total Detected PCBs	0.003	0.03	***4.3***	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	892	890	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-23S	MW-23S	MW-23S	MW-23S	MW-23S[3]	MW-23S	MW-23S[3]	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D	MW-23D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	10/20/2014	04/09/2015	10/20/2015	10/14/2016	10/14/2016	10/06/2017	10/06/2017	01/14/2013	03/08/2013	04/19/2013	04/20/2013	07/17/2013	10/10/2013	04/18/2014	10/20/2014	04/09/2015	10/20/2015	01/22/2016	04/21/2016	07/20/2016	10/14/2016
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.46	< 0.44	< 0.22	< 0.22	< 0.55	< 0.25	NA	< 0.25	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 2.2	< 0.55	< 0.11
1,1,1-Trichloroethane	40	200	< 0.20	< 0.20	< 0.38	< 0.40	< 0.20	< 0.2	< 0.5	< 0.2	NA	< 0.2	NA	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 2.0	< 0.50	< 0.10
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.35	< 0.40	< 0.20	< 0.2	< 0.5	< 0.28	NA	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 2.0	< 0.50	< 0.10
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.39	< 0.56	< 0.28	< 0.28	< 0.7	< 0.31	NA	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 2.8	< 0.70	< 0.14
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.36	< 0.24	< 0.12	< 0.12	< 0.3	< 0.14	NA	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 1.2	< 0.30	< 0.060
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.39	< 0.52	< 0.26	< 0.26	< 0.65	< 0.36	NA	< 0.36	NA	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 2.6	< 0.65	< 0.13
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.33	< 0.30	< 0.15	< 0.15	< 0.38	< 0.27	NA	< 0.27	NA	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	< 1.5	< 0.38	< 0.076
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.39	< 0.31	< 0.16	< 0.16	< 0.39	< 0.28	NA	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 1.6	< 0.39	< 0.078
1,2-Dichloropropane	0.5	5	< 0.20	< 0.20	< 0.43	< 0.40	< 0.20	< 0.2	< 0.5	< 0.2	NA	< 0.2	NA	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 2.0	< 0.50	< 0.10
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.46	< 0.18	< 0.090	< 0.09	< 0.23	< 0.24	NA	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.90	< 0.23	< 0.045
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.34	< 0.31	< 0.15	< 0.15	< 0.39	< 0.31	NA	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	< 1.5	< 0.39	< 0.077
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.25	< 0.30	< 0.15	< 0.15	< 0.38	< 0.18	NA	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 1.5	< 0.38	< 0.075
2-Butanone	800	4000	NA	NA	NA	< 12	< 6.0	< 6	< 15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 60	< 15	< 3.0
2-Hexanone	NE	NE	NA	NA	NA	< 3.8	< 1.9	< 1.9	< 4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 19	< 4.8	< 0.95
4-Methyl-2-pentanone	50	500	NA	NA	NA	< 3.1	< 1.5	< 1.5	< 3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 15	< 3.9	< 0.77
Acetone	1800	9000	NA	NA	NA	< 14	< 6.8	14 J	< 17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 68	< 17	< 3.4
Benzene	0.5	5	< 0.074	< 0.074	< 0.15	< 0.36	< 0.18	< 0.18	< 0.45	0.32 J	NA	< 0.074	NA	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.089	< 1.8	< 0.45	< 0.089
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.37	< 0.31	< 0.15	< 0.15	< 0.39	< 0.17	NA	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 1.5	< 0.39	< 0.077
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.48	< 0.35	< 0.18	< 0.18	< 0.44	< 0.28	NA	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 1.8	< 0.44	< 0.088
Bromomethane	1	10	< 0.31 *	< 0.31	< 0.80	< 2.4	< 1.2	< 1.2	< 3	< 0.31	NA	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31 *	< 0.31	< 0.80	< 0.59	< 12	< 3.0	< 0.59
Carbon disulfide	200	1000	NA	NA	NA	< 0.21	< 0.11	< 0.11	< 0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 1.1	< 0.27	< 0.053
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.38	< 0.15	< 0.076	< 0.076	< 0.19	< 0.26	NA	< 0.26	NA	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.76	< 0.19	< 0.038
Chloroethane	80	400	< 0.34	< 0.34	< 0.47	< 1.0	< 0.50	< 0.5	< 1.3	< 0.34	NA	< 0.34	NA	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 5.0	< 1.3	< 0.25
Chloroform	0.6	6	< 0.20	< 0.20	< 0.37	< 0.25	< 0.12	< 0.12	< 0.31	< 0.2	NA	< 0.2	NA	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	***2.2 BJ***	< 0.31	< 0.062
Chloromethane	3	30	< 0.18	< 0.18	< 0.32	2.3 BJ	0.86 J	0.92 J	2.7 J	< 0.18	NA	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	< 0.16	< 3.2	< 0.80	< 0.16
cis-1,2-Dichloroethene	7	70	***19***	***20***	***9.6***	***12***	***15***	***33***	***33***	< 0.12	NA	< 0.12	NA	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.41	< 0.11	< 2.2	< 0.55	< 0.11
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.28	< 0.60	< 0.30	< 0.3	< 0.75	< 0.15	NA	< 0.15	NA	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 3.0	< 0.75	< 0.15
Dichlorodifluoromethane	200	1000	< 0.20	< 0.20	< 0.54	< 0.44	< 0.22	< 0.22	< 0.55	< 0.2	NA	< 0.2	NA	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.54	0.27 J	< 2.2	< 0.55	< 0.11
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.18	< 0.22	< 0.11	< 0.11	< 0.27	0.20 J	NA	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.054	< 1.1	< 0.27	< 0.054
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.39	< 0.32	< 0.16	< 0.16	< 0.41	< 0.14	NA	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 1.6	< 0.41	< 0.081
m,p-Xylene	400	2000	NA	NA	NA	< 0.23	< 0.11	< 0.11	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 1.1	< 0.29	< 0.057
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.39	< 0.56	< 0.28	< 0.28	< 0.7	< 0.24	NA	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.39	< 0.14	< 2.8	< 0.70	< 0.14
Methylene chloride	0.5	5	< 0.68	< 0.68	< 1.6	< 0.56	< 0.28	< 0.28	< 0.7	< 0.68	NA	< 0.68	NA	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	***0.57 J***	< 2.8	< 0.70	< 0.14
Naphthalene	10	100	< 0.16	< 0.16	< 0.34	< 0.35	< 0.18	< 0.18	0.45 BJ	< 0.16	NA	< 0.16	NA	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 1.8	< 0.44	< 0.088
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.39	< 0.56	< 0.28	< 0.28	< 0.7	< 0.13	NA	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 2.8	< 0.70	< 0.14
n-Hexane	120	600	NA	NA	NA	< 0.84	< 0.42	< 0.42	< 1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 4.2	< 1.1	< 0.21
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.41	< 0.40	< 0.20	< 0.2	< 0.5	< 0.13	NA	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 2.0	< 0.50	< 0.10
o-Xylene	400	2000	NA	NA	NA	< 0.23	< 0.12	< 0.12	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 1.2	< 0.29	< 0.058
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.36	< 0.34	< 0.17	< 0.17	< 0.43	< 0.17	NA	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 1.7	< 0.43	< 0.085
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.40	< 0.52	< 0.26	< 0.26	< 0.65	< 0.15	NA	< 0.15	NA	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 2.6	< 0.65	< 0.13
Styrene	10	100	< 0.10	< 0.10	< 0.39	< 0.26	< 0.13	< 0.13	0.35 BJ	< 0.1	NA	< 0.1	NA	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	< 1.3	< 0.33	< 0.065
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.40	< 0.48	< 0.24	< 0.24	< 0.6	< 0.14	NA	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 2.4	< 0.60	< 0.12
Tetrachloroethene	0.5	5	***190***	***190***	***360***	***66***	***88***	***120 B***	***120 B***	***100***	NA	***86***	NA	***170***	***160***	***190***	***190***	***220***	***84***	***170***	***130***	***160***	***160***
Toluene	160	800	< 0.11	< 0.11	< 0.15	< 0.21	< 0.11	< 0.11	< 0.27	0.60	NA	< 0.11	NA	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.15	< 0.053	< 1.1	< 0.27	< 0.053
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.35	< 0.44	< 0.22	< 0.22	< 0.55	< 0.25	NA	< 0.25	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	< 0.11	< 2.2	< 0.55	< 0.11
Trichloroethene	0.5	5	***11***	***10***	***5.9***	***7.2***	***9.1***	***7.8***	***7.6***	< 0.19	NA	***0.53***	NA	0.21 J	< 0.19	< 0.19	0.27 J	< 0.19	< 0.16	0.22 J	< 1.2	< 0.31	0.19 J
Trichlorofluoromethane	698	3490	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1	< 2.5	< 0.19	NA	< 0.19	NA	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 10	< 2.5	< 0.50
Vinyl chloride	0.02	0.2	< 0.10	< 0.10	< 0.20	< 0.64	< 0.32	< 0.32	< 0.8	< 0.1	NA	< 0.1	NA	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.20	< 0.16	< 3.2	< 0.80	< 0.16
Xylenes, Total	400	2000	< 0.068	< 0.068	< 0.22	< 0.23	< 0.12	< 0.23	< 0.58	0.68 J	NA	< 0.068	NA	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.22	< 0.058	< 1.2	< 0.29	< 0.058
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	< 0.035	< 0.035	< 0.16	< 0.034	NA	< 0.065	< 0.067	< 0.064	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	< 0.037	< 0.037	< 0.089	< 0.1	NA	< 0.19	< 0.2	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	< 0.038	< 0.038	***0.24 J***	< 0.1	NA	< 0.19	< 0.2	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	***0.034 J***	< 0.02	< 0.11	< 0.1	NA	< 0.19	< 0.2	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	***0.034 J***	ND	***0.24 J***	ND	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	< 0.063	< 0.063	< 0.063	NA	NA	NA	NA	NA	< 0.034	NA	< 0.066	< 0.068	< 0.065	NA	< 0.063	< 0.063	< 0.065	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	< 0.1	NA	< 0.2	< 0.2	< 0.19	NA	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	< 0.1	NA	< 0.2	< 0.2	< 0.19	NA	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	< 0.1	NA	< 0.2	< 0.2	< 0.19	NA	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	ND	ND	ND	NA	NA	NA	NA	NA	ND	NA	ND	ND	ND	NA	ND	ND	ND	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	478	NA	656	644	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	5.8	NA	16.8	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-23D	MW-23D	MW-23D[3]	MW-23D	MW-23D[3]	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	45 - 50 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft	30 - 40 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	1/20/2017	04/11/2017	04/11/2017	10/06/2017	10/06/2017	04/29/2013	07/19/2013	10/08/2013	04/17/2014	10/14/2014	10/09/2017	04/05/2018	10/15/2018	04/09/2019	10/15/2019	7/16/2020	10/19/2020	04/16/2021	10/14/2021	04/28/2022
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	< 1.1	< 1.1	< 0.11	< 0.55	< 0.55	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	40	200	< 1.0	< 1.0	< 0.10	< 0.5	< 0.5	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	< 1.0	< 1.0	< 0.10	< 0.5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.7	7	< 1.4	< 1.4	< 0.14	< 0.7	< 0.7	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	96	480	< 0.60	< 0.60	< 0.060	< 0.3	< 0.3	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.005	0.05	< 1.3	< 1.3	< 0.13	< 0.65	< 0.65	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	< 0.76	< 0.76	< 0.076	< 0.38	< 0.38	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	< 0.78	< 0.78	< 0.078	< 0.39	< 0.39	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.5	5	< 1.0	< 1.0	< 0.10	< 0.5	< 0.5	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	< 0.45	< 0.45	< 0.045	< 0.23	< 0.23	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	14	70	< 0.77	< 0.77	< 0.077	< 0.39	< 0.39	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	96	480	< 0.75	< 0.75	< 0.075	< 0.38	< 0.38	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	800	4000	< 30	< 30	< 3.0	< 15	< 15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 9.5	< 9.5	< 0.95	< 4.8	< 4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 7.7	< 7.7	< 0.77	< 3.9	< 3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 34	< 34	9.6 BJ	< 17	< 17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.89	< 0.89	< 0.089	< 0.45	< 0.45	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	***1.1 BJ***	< 0.77	< 0.077	< 0.39	< 0.39	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	0.44	4.4	< 0.88	< 0.88	< 0.088	< 0.44	< 0.44	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	1	10	< 5.9	< 5.9	< 0.59	< 3	< 3	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	200	1000	1.4 J	< 0.53	< 0.053	< 0.27	< 0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.38	< 0.38	< 0.038	< 0.19	< 0.19	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	< 2.5	< 2.5	< 0.25	< 1.3	< 1.3	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	***1.1 BJ***	***1.1 J***	< 0.062	< 0.31	< 0.31	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	***3.2 BJ***	< 1.6	< 0.16	1.5 J	***4.3 J***	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	< 1.1	< 1.1	< 0.11	< 0.55	< 0.55	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropyl ether	NE	NE	< 1.5	< 1.5	< 0.15	< 0.75	< 0.75	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1000	< 1.1	< 1.1	< 0.11	< 0.55	< 0.55	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	140	700	< 0.54	< 0.54	< 0.054	< 0.27	< 0.27	< 0.13	0.31 J	< 0.13	< 0.13	< 0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	< 0.81	< 0.81	< 0.081	< 0.41	< 0.41	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	400	2000	< 0.57	< 0.57	< 0.057	< 0.29	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 1.4	< 1.4	< 0.14	< 0.7	< 0.7	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.5	5	***1.8 BJ***	< 1.4	< 0.14	< 0.7	< 0.7	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	100	< 0.88	< 0.88	< 0.088	< 0.44	< 0.44	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NE	< 1.4	< 1.4	< 0.14	< 0.7	< 0.7	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Hexane	120	600	< 2.1	< 2.1	< 0.21	< 1.1	< 1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 1.0	< 1.0	< 0.10	< 0.5	< 0.5	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	400	2000	< 0.58	< 0.58	< 0.058	< 0.29	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.85	< 0.85	< 0.085	< 0.43	< 0.43	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	< 1.3	< 1.3	< 0.13	< 0.65	< 0.65	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	10	100	< 0.65	< 0.65	< 0.065	0.45 J	< 0.33	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	< 1.2	< 1.2	< 0.12	< 0.6	< 0.6	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	***140***	***140***	***140***	***130 B***	***130 B***	***3***	***3***	***3.3***	***2.8***	***0.83 J***	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	160	800	1.6 BJ	< 0.53	< 0.053	< 0.27	< 0.27	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	20	100	< 1.1	< 1.1	< 0.11	< 0.55	< 0.55	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	< 0.62	< 0.62	0.16 J	< 0.31	< 0.31	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	698	3490	< 5.0	< 5.0	< 0.50	< 2.5	< 2.5	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	< 1.6	< 1.6	< 0.16	< 0.8	< 0.8	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	400	2000	< 1.2	< 1.2	< 0.12	< 0.58	< 0.58	< 0.068	0.37 J	< 0.068	< 0.068	< 0.068	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	< 0.035	< 0.035	NA	NA	NA	NA	NA	< 0.035	< 0.035	< 0.0072	< 0.0072	< 0.0072	< 0.0072 J-	< 0.0072	< 0.0072	< 0.0072	< 0.0072
Aroclor-1232	0.003	0.03	NA	NA	NA	< 0.037	< 0.037	NA	NA	NA	NA	NA	< 0.037	< 0.037	< 0.0042	< 0.0042	< 0.0042	< 0.0042 J-	< 0.0042	< 0.0042	< 0.0042	< 0.0042
Aroclor-1242	0.003	0.03	NA	NA	NA	< 0.038	< 0.038	NA	NA	NA	NA	NA	< 0.038	< 0.038	< 0.013	< 0.013	< 0.013	< 0.013 J-	< 0.013	< 0.013	< 0.013	< 0.013
Aroclor-1248	0.003	0.03	NA	NA	NA	< 0.02	< 0.02	NA	NA	NA	NA	NA	< 0.02	< 0.020	< 0.011	< 0.011	< 0.011	< 0.011 J-	< 0.011	< 0.011	< 0.011	< 0.011
Total Detected PCBs	0.003	0.03	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dissolved PCBs																						
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																						
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	524	534	NA	NA	NA	NA	NA	2060	2300	2120	2170	2150	2330	2370	1370	2670	350
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	< 0.95	< 0.95	NA	NA	NA	NA	NA	1 J	1.2 J	1.8	3.2	3.0	5.6	4.4	5.2	3.4 J	1.4 J

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-25D	MW-25D[3]	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D[3]	MW-25D	MW-25D	MW-25D	MW-25D	MW-25D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft	120 - 130 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	05/06/2013	05/06/2013	07/19/2013	10/09/2013	04/21/2014	07/09/2014	08/26/2014	10/20/2014	01/28/2015	04/10/2015	07/21/2015	10/19/2015	10/11/2016	10/03/2017	10/10/2018	10/10/2018	10/09/2019	10/13/2020	10/13/2021	10/19/2022	10/11/2023
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	< 0.46
1,1,1-Trichloroethane	40	200	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1	< 0.10	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	< 0.38
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.1	< 0.10	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	< 0.35
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 0.39
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 0.06	< 0.060	< 0.060	< 0.84	< 0.84	< 0.45	< 0.45	< 0.36
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	< 0.39
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.29	< 0.29	< 0.39
1,2-Dichloropropane	0.5	5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1	< 0.10	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	< 0.46
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.075	< 0.87	< 0.87	< 0.36	< 0.36	< 0.25
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3	< 3.0	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	< 2.1
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 2.5	< 5.2	< 6.3	< 6.3	< 1.6
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	< 2.2
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 3.4	< 3.7 U	< 3.4	< 2.7	< 2.7	< 8.6	< 8.6	< 1.7
Benzene	0.5	5	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	< 0.15
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	< 0.37
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	< 0.48
Bromomethane	1	10	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.80	< 0.59	< 0.59	< 0.72 U	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 0.80
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	< 0.053	< 0.053	< 0.37	< 0.45	< 1.1	< 1.1	< 0.45
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	< 0.38
Chloroethane	80	400	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	< 0.51
Chloroform	0.6	6	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	0.08 J	< 0.062	< 0.062	< 1.3	< 1.3	< 1.2	< 1.2	< 0.37
Chloromethane	3	30	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	0.37 BJ	0.82 J+	< 0.65 U	< 0.16	< 2.2	< 2.2	< 1.6	< 1.6	< 0.32
cis-1,2-Dichloroethene	7	70	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.41	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.47	< 0.47	< 0.41
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.1	< 1.1	< 0.28
Dichlorodifluoromethane	200	1000	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	< 0.67
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	0.35 J	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.18
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 0.39 J-
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	0.06 BJ	< 0.057	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	< 0.18
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 0.39
Methylene chloride	0.5	5	< 0.68	< 0.68	< 0.68	***5.3***	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	0.23 J	***0.51 J***	< 0.54 U	< 0.42 U	< 0.58	< 0.58	< 0.32	< 0.32	< 2.5 U
Naphthalene	10	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16 *	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.13 U	< 0.088	< 1.2	< 1.2	< 1.1	< 1.1	< 0.34
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.86	< 0.86	< 0.39
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	< 0.49 UJ
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 0.1	< 0.10	< 0.10	< 0.81	< 0.81	< 0.35	< 0.35	< 0.41
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.35	< 0.35	< 0.22
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.085	< 0.80	< 0.80	< 1.0	< 1.0	< 0.36
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.42	< 0.42	< 0.40
Styrene	10	100	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	0.07 BJ	< 0.065	< 0.065	< 0.47	< 3.0	< 0.36	< 0.36	< 0.39
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.59	< 0.59	< 0.40
Tetrachloroethene	0.5	5	***0.76 J***	< 0.17	***2.8***	***3.1***	***1.3***	***1.2***	***1.1***	***0.54 J***	***0.86 J***	< 0.17	***0.66 J***	***0.51 J***	***0.55***	0.37 J-	0.33 J	0.36 J	< 0.33 U	< 0.33	< 0.41	< 0.41	< 0.37
Toluene	160	800	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.49 J	0.73	< 0.11	< 0.11	< 0.11	< 0.11	0.55	0.090 J	0.07 BJ	< 0.053	< 0.053	< 0.17	< 0.27	< 0.29	< 0.29	< 0.15
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	< 0.11	< 0.11	< 0.11	< 0.11	< 1.1	< 0.46	< 0.53	< 0.53	< 0.35
Trichloroethene	0.5	5	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.16	< 0.062	< 0.062	< 0.062	< 0.062	< 0.26	< 0.26	< 0.32	< 0.32	< 0.16
Trichlorofluoromethane	698	3490	< 0.19	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 0.5	< 0.13	< 0.13	< 0.21	< 0.21	< 0.42	< 0.42	< 0.43
Vinyl chloride	0.02	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20
Xylenes, Total	400	2000	< 0.068	< 0.068	0.36 J	< 0.068	< 0.068	1.6	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	1.9	< 0.058	< 0.12	< 0.12	< 0.12	< 1.5	< 1.5	< 1.0	< 1.0	< 0.22
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2[3]	MW-25D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	05/06/2013	07/19/2013	10/04/2013	04/21/2014	07/10/2014	08/26/2014	10/22/2014	01/28/2015	04/10/2015	07/21/2015	10/19/2015	01/21/2016	04/20/2016	07/19/2016	10/11/2016	1/19/2017	04/12/2017	10/03/2017	04/03/2018	04/03/2018	10/10/2018
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
1,1,1-Trichloroethane	40	200	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.10
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.10
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.06	< 0.060	< 0.060	< 0.060	< 0.060
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078
1,2-Dichloropropane	0.5	5	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.10
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	0.070 J	< 0.045	< 0.045
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3	< 3.0	< 3.0	< 3.0
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 4.9 U
Benzene	0.5	5	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088
Bromomethane	1	10	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	0.44 J	< 0.053	< 0.053	< 0.053	< 0.053
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038
Chloroethane	80	400	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Chloroform	0.6	6	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	0.12 J	< 0.062	< 0.062	< 0.062	< 0.062
Chloromethane	3	30	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	< 0.16	< 0.16	0.17 J	0.68 BJ	< 0.16	0.64 J	0.37 J+	< 0.16	< 0.16	< 0.57 U
cis-1,2-Dichloroethene	7	70	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.41	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.13	< 0.13	0.47 J	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Methylene chloride	0.5	5	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	0.38 J	< 0.14	< 0.14	< 0.14	0.14 BJ	< 0.14	< 0.14	0.14 J+	< 0.14	< 0.31 U
Naphthalene	10	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	0.31 BJ	< 0.088	0.31 BJ	< 0.088	< 0.088
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.10
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
Styrene	10	100	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	< 0.065	0.14 J	< 0.065	< 0.065	< 0.065	0.08 BJ	< 0.065	< 0.065	< 0.065
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Tetrachloroethene	0.5	5	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.081	< 0.081	< 0.081	< 0.081	0.090 BJ	< 0.081	0.1 J-	0.14 J	0.11 J	< 0.081
Toluene	160	800	< 0.11	< 0.11	< 0.11	< 0.11	0.63	1.2	< 0.11	< 0.11	< 0.11	< 0.11	< 0.15	< 0.053	< 0.053	< 0.053	0.11 J	< 0.053	0.16 J	0.07 BJ	< 0.053	< 0.053	< 0.053
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Trichloroethene	0.5	5	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.16	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062
Trichlorofluoromethane	698	3490	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.13
Vinyl chloride	0.02	0.2	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Xylenes, Total	400	2000	< 0.068	< 0.068	< 0.068	< 0.068	2.5	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.22	< 0.058	< 0.058	< 0.058	< 0.058	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2	MW-25D2[3]	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-27D	MW-27D[3]	MW-27D	MW-27D	MW-27D	MW-27D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	160 - 170 ft	6.8 - 16.8 ft	6.8 - 16.8 ft	6.8 - 16.8 ft	6.8 - 16.8 ft	6.8 - 16.8 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/10/2019	10/09/2019	10/13/2020	04/12/2021	10/13/2021	04/21/2022	10/19/2022	4/11/2023	10/11/2023	10/12/2023	08/23/2013	10/09/2013	04/22/2014	07/10/2014	10/15/2014	12/26/2013	12/26/2013	04/18/2014	07/09/2014	10/21/2014	01/29/2015
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36	< 0.36	< 0.36	< 0.46	< 0.46	< 0.46	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.30	< 0.38	< 0.38	< 0.38	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20
1,1,2-Trichloroethane	0.5	5	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.34	< 0.35	< 0.35	< 0.35	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58	< 0.58	< 0.58	< 0.39	< 0.39	< 0.39	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	< 0.45	< 0.74 U	< 0.36	< 0.36	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.39	< 0.39	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29	< 0.29	< 0.29	< 0.39	< 0.39	< 0.39	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	< 0.45	< 0.43	< 0.43	< 0.43	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 0.63	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	< 1.0	< 0.46	< 0.46	< 0.46	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34	< 0.34	< 0.34	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36	< 0.36	< 0.36	< 0.78 U	< 0.25	< 0.25	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	< 6.5	< 2.1 UJ	< 2.1	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 2.5	< 2.5	< 5.2	< 6.3	< 6.3	< 6.3	< 6.3	< 1.6 UJ	< 1.6	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 1.5	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	< 6.0	< 2.2 UJ	< 2.2	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 2.7	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	< 8.6	3.3 J	< 1.7	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30	< 0.30	< 0.30	< 0.15	< 0.15	< 0.15	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42	< 0.42	< 0.37	< 0.37	< 0.37	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
Bromoform	0.44	4.4	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8	< 3.8	< 3.8	< 0.48	< 0.48	< 0.48	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2	< 1.2	< 1.2	< 0.80 UJ	< 0.80	< 0.80	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
Carbon disulfide	200	1000	< 0.37	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	< 1.1	< 0.45	< 0.45	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.17	< 0.17	< 1.1	< 0.37	< 0.37	< 0.37	< 0.37	< 0.38	< 0.38	< 0.38	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26
Chloroethane	80	400	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4	< 1.4	< 1.4	< 0.51	< 0.51	< 0.51	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	< 1.2	< 0.37	< 0.37	< 0.37	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20
Chloromethane	3	30	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 1.6	< 1.3 U	< 0.32	< 0.32	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	< 0.27	< 0.27	< 0.27	< 0.47	< 0.47	< 0.47	< 0.47	< 0.41	< 0.41	< 0.41	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	0.85 J	0.83 J	2.6	2.5	1.1	2.4
Di-isopropyl ether	NE	NE	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1	< 1.1	< 1.1	< 0.28	< 0.28	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Dichlorodifluoromethane	200	1000	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46	< 0.46	< 0.46	< 0.67	< 0.67	< 0.67	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	140	700	< 0.22	< 0.22	< 0.32	< 0.33	< 0.33	< 0.33	< 0.33	< 0.18	< 0.18	< 0.18	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	0.55	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 0.39	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 0.39	< 0.39 J-	< 0.39 J-	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
m,p-Xylene	400	2000	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70	< 0.70	< 0.70	< 0.18	< 0.18	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 0.39	< 0.39	< 0.39	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	1.3	< 0.24	< 0.24	0.92 J
Methylene chloride	0.5	5	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	< 0.32	< 1.7 U	< 2.3 U	< 2.5 U	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Naphthalene	10	100	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 0.34	< 0.34	< 0.34	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86	< 0.86	< 0.86	< 0.39	< 0.39	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
n-Hexane	120	600	< 1.7	< 1.7	< 1.7	< 1.5	< 1.5	< 1.5	< 1.5	< 0.49	< 0.49 UJ	< 0.49 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35	< 0.35	< 0.35	< 0.41	< 0.41	< 0.41	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35	< 0.35	< 0.35	< 0.22	< 0.22	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 1.0	< 1.0	< 0.36	< 0.36	< 0.36	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42	< 0.42	< 0.42	< 0.40	< 0.40	< 0.40	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
Styrene	10	100	< 0.47	< 0.47	< 3.0	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.39	< 0.39	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10
tert-Butylbenzene	NE	NE	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59	< 0.59	< 0.59	< 0.40	< 0.40	< 0.40	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	< 0.33	< 0.33	< 0.33	< 0.41	< 0.41	< 0.41	< 0.41	***0.55 J***	< 0.37	< 0.37	***1.4***	< 0.17	< 0.17	< 0.17	< 0.17	***1.8***	***1.8***	***5.4***	***5***	***1.7***	***4.2***
Toluene	160	800	< 0.17	< 0.17	< 0.27	< 0.29	< 0.29	< 0.29	< 0.29	< 0.15	< 0.15	< 0.15	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	0.53	0.49 J	< 0.11	0.47 J	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 1.1	< 1.1	< 0.46	< 0.53	< 0.53	< 0.53	< 0.53	< 0.35	< 0.35	< 0.35	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Trichloroethene	0.5	5	< 0.26	< 0.26	< 0.26	< 0.32	< 0.32	< 0.32	< 0.32	< 0.16	< 0.16	< 0.16	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	***1.3***	***1.2***	***3.5***	***3.5***	***1.7***	***3.2***
Trichlorofluoromethane	698	3490	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42	< 0.42	< 0.42	< 0.43	< 0.43	< 0.43	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	0.02	0.2	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.20	< 0.20	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10
Xylenes, Total	400	2000	< 1.5	< 1.5	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 0.22	< 0.22	< 0.22	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	3.0	< 0.068	< 0.068
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D[3]	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft	130 - 140 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	04/14/2015	07/21/2015	10/20/2015	01/21/2016	04/20/2016	07/19/2016	10/11/2016	1/19/2017	1/19/2017	04/11/2017	10/04/2017	04/03/2018	10/10/2018	04/10/2019	10/10/2019	10/14/2020	04/13/2021	10/13/2021	04/26/2022	10/20/2022	4/11/2023	10/11/2023
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36	< 0.36	< 0.36	< 0.46	< 0.46
1,1,1-Trichloroethane	40	200	< 0.20	< 0.20	< 0.38	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.30	< 0.38	< 0.38
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.35	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.34	< 0.35	< 0.35
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58	< 0.58	< 0.58	< 0.39	< 0.39
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.36	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.06	< 0.060	< 0.060 J-	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	< 0.45	< 0.73 U	< 0.36
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.39
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.33	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29	< 0.29	< 0.29	< 0.39	< 0.39
1,2-Dichloropropane	0.5	5	< 0.20	< 0.20	< 0.43	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	< 0.45	< 0.43	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.63	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	< 1.0	< 0.46	< 0.46
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.34	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34	< 0.34
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.075	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36	< 0.36	< 0.36	< 0.25	< 0.25
2-Butanone	800	4000	NA	NA	NA	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3	< 3.0	< 3.0	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	< 6.5	< 2.1 UJ	< 2.1
2-Hexanone	NE	NE	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 2.5	< 2.5	< 5.2	< 6.3	< 6.3	< 6.3	< 6.3	< 1.6 UJ	< 1.6
4-Methyl-2-pentanone	50	500	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 1.5	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	< 6.0	< 2.2 UJ	< 2.2
Acetone	1800	9000	NA	NA	NA	7.1 J	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	3.7 BJ	< 3.4	< 3.8 U	< 2.7	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	< 8.6	2.7 J	< 1.7
Benzene	0.5	5	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30	< 0.30	< 0.30	< 0.15	< 0.15
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42	< 0.42	< 0.37	< 0.37
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8	< 3.8	< 3.8	< 0.48	< 0.48
Bromomethane	1	10	< 0.31	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2	< 1.2	< 1.2	< 0.80 UJ	< 0.80
Carbon disulfide	200	1000	NA	NA	NA	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.37	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	< 1.1	< 0.45	< 0.45
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.17	< 0.17	< 1.1	< 0.37	< 0.37	< 0.37	< 0.37	< 0.38	< 0.38
Chloroethane	80	400	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4	< 1.4	< 1.4	< 0.51	< 0.51
Chloroform	0.6	6	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	< 1.2	< 0.37	< 0.37
Chloromethane	3	30	< 0.18	< 0.18	< 0.32	< 0.16	< 0.16	< 0.16	0.53 BJ	< 0.16	< 0.16	< 0.16	0.4 J+	< 0.16	< 0.57 U	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 1.6	< 0.55 U	< 0.32
cis-1,2-Dichloroethene	7	70	2.2	2.4	5.5	1.9	1.7	1.5	0.54	0.99 B	1.1 B	1.2	0.89	0.56	0.20 J	1.1	1.1	0.63 J	< 0.47	***8.4***	< 0.47	< 0.47	< 0.41	< 0.41
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.28	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1	< 1.1	< 1.1	< 0.28	< 0.28
Dichlorodifluoromethane	200	1000	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	0.12 J	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46	< 0.46	< 0.46	< 0.67	< 0.67
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.22	< 0.22	< 0.32	< 0.33	< 0.33	< 0.33	< 0.33	< 0.18	< 0.18
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081	< 0.39	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 0.39	< 0.39 J-
m,p-Xylene	400	2000	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	< 0.057	0.06 BJ	0.080 J	< 0.057	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70	< 0.70	< 0.70	< 0.18	< 0.18
Methyl tert-butyl ether	12	60	< 0.24	0.86 J	< 0.39	0.68	0.68	0.62	< 0.14	0.42 J	0.38 J+	0.51	0.39 J	< 0.14	< 0.14	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 0.39	< 0.39
Methylene chloride	0.5	5	< 0.68	< 0.68	< 1.6	0.41 J	< 0.14	< 0.14	< 0.14	0.16 BJ	< 0.14	< 0.14	< 0.14	0.16 J	< 0.36 U	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	< 0.32	< 1.7 U	< 2.4 U
Naphthalene	10	100	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 0.088	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 1.1	< 0.34	< 0.34
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86	< 0.86	< 0.86	< 0.39	< 0.39
n-Hexane	120	600	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.7	< 1.5	< 1.5	< 1.5	< 1.5	< 0.49	< 0.49 UJ
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.41	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35	< 0.35	< 0.35	< 0.41	< 0.41
o-Xylene	400	2000	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35	< 0.35	< 0.35	< 0.22	< 0.22
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 1.0	< 1.0	< 0.36	< 0.36
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42	< 0.42	< 0.42	< 0.40	< 0.40
Styrene	10	100	< 0.10	< 0.10	< 0.39	< 0.065	< 0.065	0.36 J	< 0.065	< 0.065	< 0.065	< 0.065 J	0.07 BJ	< 0.065	< 0.065 J-	< 0.47	< 0.47	< 3.0	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.39
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59	< 0.59	< 0.59	< 0.40	< 0.40
Tetrachloroethene	0.5	5	***3.8***	***5***	***13***	***4.5***	***3.4***	***2.1***	***1.1***	***1.9 B***	***2.3 B***	***2.1 B***	***1.9***	***1.2***	0.27 J	***2.7***	< 0.33	***0.87 J***	***0.96 J***	***20.8***	***0.85 J***	***0.66 J***	***1.3***	***0.98 J***
Toluene	160	800	< 0.11	< 0.11	< 0.15	< 0.053	< 0.053	< 0.053	< 0.053	0.060 BJ	0.11 BJ	< 0.053	0.09 BJ	0.090 J	< 0.053	< 0.17	< 0.17	< 0.27	< 0.29	< 0.29	< 0.29	< 0.29	< 0.15	< 0.15
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.35	0.17 J	0.16 J	0.17 J	< 0.11	< 0.11	< 0.11	0.13 J	0.13 J	0.19 J	< 0.11	< 1.1	< 1.1	< 0.46	< 0.53	< 0.53	< 0.53	< 0.53	< 0.35	< 0.35
Trichloroethene	0.5	5	***2.9***	***3.4***	***12***	***2.8***	***2.6***	***2.1***	***1.3***	***1.7 B***	***2.1***	***2.1***	***1.6***	***1.2***	***0.61***	***1.7***	< 0.26	***0.85 J***	***0.81 J***	***18.3***	***1.5***	***1.2***	***2***	***1.6***
Trichlorofluoromethane	698	3490	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5	< 0.5	< 0.13	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42	< 0.42	< 0.42	< 0.43	< 0.43
Vinyl chloride	0.02	0.2	< 0.10	< 0.10	< 0.20	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20	< 0.20
Xylenes, Total	400	2000	< 0.068	< 0.068	< 0.22	< 0.058	< 0.058	< 0.058	< 0.058	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 1.5	< 1.5	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 0.22	< 0.22
Total PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																								
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																								
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-27D2	MW-27D2	MW-27D2	MW-27D2[3]	MW-27D2	MW-27D2	MW-27D2[3]	MW-27D2	MW-27D2	MW-27D2[3]	MW-27D2	MW-27D2	MW-27D2[3]	MW-27D2	MW-27D2	MW-27D2	MW-27D2	MW-27D2	MW-27D2
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft	170 - 180 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	12/26/2013	04/18/2014	07/09/2014	07/09/2014	10/21/2014	01/29/2015	01/29/2015	04/14/2015	07/21/2015	07/21/2015	10/20/2015	10/11/2016	10/11/2016	10/04/2017	10/10/2018	10/10/2019	10/14/2020	10/13/2021	10/20/2022	10/11/2023
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.22	< 0.22	< 0.11	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	< 0.46
1,1,1-Trichloroethane	40	200	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.38	< 0.20	< 0.20	< 0.1	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	< 0.38
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.20	< 0.20	< 0.1	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	< 0.35
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.28	< 0.28	< 0.14	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 0.39
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.12	< 0.12	< 0.06	< 0.060 J-	< 0.84	< 0.84	< 0.45	< 0.45	< 0.36
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.26	< 0.26	< 0.13	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	< 0.39
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.15	< 0.15	< 0.076	< 0.076	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.16	< 0.16	< 0.078	< 0.078	< 0.28	< 0.28	< 0.29	< 0.29	< 0.39
1,2-Dichloropropane	0.5	5	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.43	< 0.20	< 0.20	< 0.1	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	< 0.43
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.090	< 0.090	< 0.045	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	< 0.46
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.15	< 0.15	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.15	< 0.15	< 0.075	< 0.075 J-	< 0.87	< 0.87	< 0.36	< 0.36	< 0.25
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 6.0	< 6.0	< 3	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	< 2.1
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.9	< 1.9	< 0.95	< 0.95	< 2.5	< 5.2	< 6.3	< 6.3	< 1.6
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.5	< 1.5	< 0.77	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	< 2.2
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 6.8	< 6.8	3.5 J	< 3.4	< 2.7	< 2.7	< 8.6	< 8.6	< 1.7
Benzene	0.5	5	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.18	< 0.18	< 0.089	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	< 0.15
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.15	< 0.15	< 0.077	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	< 0.37
Bromoform	0.44	4.4	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.18	< 0.18	< 0.088	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	< 0.48
Bromomethane	1	10	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.80	< 1.2	< 1.2	< 0.59	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 0.80
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	< 0.11	< 0.053	< 0.053	< 0.37	< 0.45	< 1.1	< 1.1	< 0.45
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.076	< 0.076	< 0.038	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	< 0.38
Chloroethane	80	400	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.50	< 0.50	< 0.25	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	< 0.51
Chloroform	0.6	6	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.37	< 0.12	< 0.12	< 0.062	< 0.062	< 1.3	< 1.3	< 1.2	< 1.2	< 0.37
Chloromethane	3	30	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	0.90 BJ	1.0 J	0.46 J	< 0.16	< 2.2	< 2.2	< 1.6	< 1.6	< 0.32
cis-1,2-Dichloroethene	7	70	3.7	***12***	***11***	***11***	***12***	***11***	***11***	***8.2***	6.1	6.1	1.8	***21***	***23***	***9.4***	***13***	***12.7***	***7.1***	***8.6***	6.1	3.7
Di-isopropyl ether	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.28	< 0.30	< 0.30	< 0.15	< 0.15	< 1.9	< 1.9	< 1.1	< 1.1	< 0.28
Dichlorodifluoromethane	200	1000	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.54	< 0.22	< 0.22	< 0.11	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	< 0.67
Ethylbenzene	140	700	< 0.13	< 0.13	0.33 J	0.36 J	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.11	< 0.11	< 0.054	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.18
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.16	< 0.16	< 0.081	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 0.39 J-
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	< 0.11	< 0.057	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	< 0.18
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	0.83 J	< 0.28	< 0.28	< 0.14	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 0.39
Methylene chloride	0.5	5	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 0.28	< 0.28	< 0.14	< 0.33 U	< 0.58	< 0.58	< 0.32	< 0.32	< 2.3 U
Naphthalene	10	100	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.18	< 0.18	< 0.088	< 0.088	< 1.2	< 1.2	< 1.1	< 1.1	< 0.34
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.28	< 0.28	< 0.14	< 0.14	< 0.71	< 0.71	< 0.86	< 0.86	< 0.39
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.42	< 0.42	< 0.21	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	< 0.49 UJ
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.20	< 0.20	< 0.1	< 0.10	< 0.81	< 0.81	< 0.35	< 0.35	< 0.41
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	< 0.12	< 0.058	< 0.058	< 0.26	< 0.26	< 0.35	< 0.35	< 0.22
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.17	< 0.17	< 0.085	< 0.085	< 0.80	< 0.80	< 1.0	< 1.0	< 0.36
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.26	< 0.26	< 0.13	< 0.13	< 0.85	< 0.85	< 0.42	< 0.42	< 0.40
Styrene	10	100	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.39	< 0.13	< 0.13	< 0.065	< 0.065 J-	< 0.47	< 3.0	< 0.36	< 0.36	< 0.39
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.24	< 0.24	< 0.12	< 0.12	< 0.30	< 0.30	< 0.59	< 0.59	< 0.40
Tetrachloroethene	0.5	5	***11***	***44***	***36***	***35***	***41***	***38***	***36***	***25***	***17***	***17***	***3.1***	***67***	***63***	***24***	***26 J-***	***28.7***	***16.9***	***21.1***	***18.3***	***12***
Toluene	160	800	0.20 J	< 0.11	0.43 J	0.41 J	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.15	< 0.11	0.18 J	0.08 J	0.060 J	< 0.17	< 0.27	< 0.29	< 0.29	< 0.15
trans-1,2-Dichloroethene	20	100	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	0.64 J	0.66 J	0.33 J	0.29 J	< 1.1	< 0.46	< 0.53	< 0.53	< 0.35
Trichloroethene	0.5	5	***7.2***	***25***	***21***	***20***	***23***	***23***	***23***	***17***	***15***	***16***	***2.5***	***45***	***45***	***18***	***22 J-***	***23.6***	***18.7***	***19.7***	***14.7***	***9.7***
Trichlorofluoromethane	698	3490	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.5	< 0.13	< 0.21	< 0.21	< 0.42	< 0.42	< 0.43
Vinyl chloride	0.02	0.2	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.20	< 0.32	< 0.32	< 0.16	< 0.16	< 0.17	< 0.17	< 0.17	< 0.17	< 0.20
Xylenes, Total	400	2000	< 0.068	< 0.068	1.6	1.6	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 1.5	< 1.5	< 1.0	< 1.0	< 0.22
Total PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved PCBs																					
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																					
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28[3]	MW-28	MW-29S	MW-29S	MW-29S	MW-29S	MW-29S[3]
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	28 - 38 ft	24 - 34 ft	24 - 34 ft	24 - 34 ft	24.6 - 34.4 ft	24.6 - 34.4 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	03/13/2015	04/09/2015	10/20/2015	10/10/2017	04/06/2018	10/17/2018	04/12/2019	10/16/2019	7/17/2020	10/19/2020	04/19/2021	10/19/2021	04/28/2022	10/24/2022	10/24/2022	10/16/2023	04/05/2018	10/16/2018	4/12/2019	10/15/2019	10/15/2019
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	NA	NA	NA	NA	NA	< 1.1	NA	0.50 J	NA	< 2.7	NA	< 3.6	NA	< 3.6	< 7.1	< 0.46	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	40	200	NA	NA	NA	NA	NA	< 1.0	NA	< 0.24	NA	< 2.4	NA	< 3.0	NA	< 3.0	< 6.1	< 0.38	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	NA	NA	NA	NA	NA	< 1.0	NA	< 0.55	NA	< 5.5	NA	< 3.4	NA	< 3.4	< 6.9	< 0.35	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.7	7	NA	NA	NA	NA	NA	< 1.4	NA	< 0.24	NA	< 2.4	NA	< 5.8	NA	< 5.8	< 11.6	< 0.39	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	< 0.60	NA	< 0.84	NA	< 8.4	NA	< 4.5	NA	< 4.5	< 9.0	< 0.36	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.005	0.05	NA	NA	NA	NA	NA	< 1.3	NA	< 0.83	NA	< 8.3	NA	< 3.1	NA	< 3.1	< 6.2	< 0.39	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	< 0.76	NA	< 0.71	NA	< 7.1	NA	< 3.3	NA	< 3.3	< 6.5	< 0.33	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	NA	NA	NA	NA	NA	< 0.78	NA	< 0.28	NA	< 2.8	NA	< 2.9	NA	< 2.9	< 5.8	< 0.39	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	< 1.0	NA	< 0.28	NA	< 2.8	NA	< 4.5	NA	< 4.5	< 9.0	< 0.43	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NA	NA	NA	NA	NA	< 0.45	NA	< 0.63	NA	< 22.1	NA	< 10.2	NA	< 10.2	< 20.4	< 0.46	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	< 0.77	NA	< 0.95	NA	< 9.5	NA	< 9.5	NA	< 9.5	< 19.0	< 0.34	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	< 0.75	NA	< 0.87	NA	< 8.7	NA	< 3.6	NA	< 3.6	< 7.1	< 0.25	NA	NA	NA	NA	NA
2-Butanone	800	4000	NA	NA	NA	NA	NA	< 30	NA	< 2.9	NA	< 29.4	NA	< 65.2	NA	< 65.2	< 130	< 2.1	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	< 9.5	NA	< 2.5	NA	< 52.1	NA	< 62.8	NA	< 62.8	< 126	< 1.6	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	< 7.7	NA	< 1.5	NA	< 46.4	NA	< 59.5	NA	< 59.5	< 119	< 2.2	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	< 34	NA	< 2.7	NA	< 27.4	NA	< 86.4	NA	< 86.4	< 173	< 2.2 U	NA	NA	NA	NA	NA
Benzene	0.5	5	NA	NA	NA	NA	NA	< 0.89	NA	< 0.25	NA	< 2.5	NA	< 3.0	NA	< 3.0	< 5.9	< 0.15	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	< 0.77	NA	< 0.36	NA	< 3.6	NA	< 4.2	NA	< 4.2	< 8.3	< 0.37	NA	NA	NA	NA	NA
Bromoform	0.44	4.4	NA	NA	NA	NA	NA	< 0.88	NA	< 4.0	NA	< 39.7	NA	< 38.0	NA	< 38.0	< 76.0	< 0.48	NA	NA	NA	NA	NA
Bromomethane	1	10	NA	NA	NA	NA	NA	< 5.9	NA	< 0.97	NA	< 9.7	NA	< 11.9	NA	< 11.9	< 23.8	< 0.80	NA	NA	NA	NA	NA
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	< 0.53	NA	< 0.37	NA	< 4.5	NA	< 11.0	NA	< 11.0	< 22.0	< 0.45	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	< 0.38	NA	< 0.17	NA	< 10.8	NA	< 3.7	NA	< 3.7	< 7.4	< 0.38	NA	NA	NA	NA	NA
Chloroethane	80	400	NA	NA	NA	NA	NA	< 2.5	NA	< 1.3	NA	< 13.4	NA	< 13.8	NA	< 13.8	< 27.6	< 0.51	NA	NA	NA	NA	NA
Chloroform	0.6	6	NA	NA	NA	NA	NA	< 0.62	NA	< 1.3	NA	< 12.7	NA	< 11.8	NA	< 11.8	< 23.7	< 0.37	NA	NA	NA	NA	NA
Chloromethane	3	30	NA	NA	NA	NA	NA	< 3.0 U	NA	< 2.2	NA	< 21.9	NA	< 16.4	NA	< 16.4	< 32.7	0.90 J	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	NA	NA	NA	NA	NA	< 1.1	NA	< 0.27	NA	< 2.7	NA	< 4.7 J	NA	< 4.7	< 9.4	< 0.41	NA	NA	NA	NA	NA
Di-isopropyl ether	NE	NE	NA	NA	NA	NA	NA	< 1.5	NA	< 1.9	NA	< 18.9	NA	< 11.0	NA	< 11.0	< 22.0	< 0.28	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1000	NA	NA	NA	NA	NA	< 1.1	NA	< 0.50	NA	< 5.0	NA	< 4.6	NA	< 4.6	< 9.1	< 0.67	NA	NA	NA	NA	NA
Ethylbenzene	140	700	NA	NA	NA	NA	NA	< 0.54	NA	< 0.22	NA	< 3.2	NA	< 3.3	NA	< 3.3	< 6.5	< 0.18	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NA	NA	NA	NA	NA	< 0.81	NA	< 0.39	NA	< 16.9	NA	< 10.0	NA	< 10.0	< 20.0	< 0.39	NA	NA	NA	NA	NA
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	< 0.57	NA	< 0.47	NA	< 4.7	NA	< 7.0	NA	< 7.0	< 14.0	< 0.18	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	NA	NA	NA	NA	NA	< 1.4	NA	< 1.2	NA	< 12.5	NA	< 11.3 J	NA	< 11.3	< 22.6	< 0.39	NA	NA	NA	NA	NA
Methylene chloride	0.5	5	NA	NA	NA	NA	NA	< 1.4	NA	< 0.58	NA	< 5.8	NA	< 3.2	NA	< 3.2	< 6.4	< 1.6	NA	NA	NA	NA	NA
Naphthalene	10	100	NA	NA	NA	NA	NA	< 0.88	NA	< 1.2	NA	< 11.8	NA	< 11.3	NA	< 11.3	< 22.6	< 0.34	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	< 1.4	NA	< 0.71	NA	< 7.1	NA	< 8.6	NA	< 8.6	< 17.1	< 0.39	NA	NA	NA	NA	NA
n-Hexane	120	600	NA	NA	NA	NA	NA	< 2.1	NA	< 1.7	NA	< 17.1	NA	< 14.6	NA	< 14.6	< 29.2	< 0.49	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	NA	NA	NA	NA	< 1.0	NA	< 0.81	NA	< 8.1	NA	< 3.5	NA	< 3.5	< 6.9	< 0.41	NA	NA	NA	NA	NA
o-Xylene	400	2000	NA	NA	NA	NA	NA	< 0.58	NA	< 0.26	NA	< 2.6	NA	< 3.5	NA	< 3.5	< 7.0	< 0.22	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NA	NA	NA	NA	NA	< 0.85	NA	< 0.80	NA	< 8.0	NA	< 10.4	NA	< 10.4	< 20.9	< 0.36	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	< 1.3	NA	< 0.85	NA	< 8.5	NA	< 4.2	NA	< 4.2	< 8.5	< 0.40	NA	NA	NA	NA	NA
Styrene	10	100	NA	NA	NA	NA	NA	< 0.65	NA	< 0.47	NA	< 30.1	NA	< 3.6	NA	< 3.6	< 7.1	< 0.39	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	< 1.2	NA	< 0.30	NA	< 3.0	NA	< 5.9	NA	< 5.9	< 11.7	< 0.40	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	NA	NA	NA	NA	NA	***420***	NA	***1140***	NA	***827***	NA	***1080***	NA	***814***	***746***	***870***	NA	NA	NA	NA	NA
Toluene	160	800	NA	NA	NA	NA	NA	< 0.53	NA	< 0.17	NA	< 2.7	NA	< 2.9	NA	< 2.9	< 5.8	< 0.15	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	20	100	NA	NA	NA	NA	NA	< 1.1	NA	< 1.1	NA	< 4.6	NA	< 5.3	NA	< 5.3	< 10.6	< 0.35	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	NA	NA	NA	NA	NA	< 0.62	NA	***2.9***	NA	< 2.6	NA	< 3.2	NA	< 3.2	< 6.4	***1.8 J***	NA	NA	NA	NA	NA
Trichlorofluoromethane	698	3490	NA	NA	NA	NA	NA	< 1.3	NA	< 0.21	NA	< 2.1	NA	< 4.2	NA	< 4.2	< 8.4	< 0.43	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	NA	NA	NA	NA	NA	< 1.6	NA	< 0.17	NA	< 1.7	NA	< 1.7	NA	< 1.7	< 3.5	< 0.20	NA	NA	NA	NA	NA
Xylenes, Total	400	2000	NA	NA	NA	NA	NA	< 1.2	NA	< 1.5	NA	< 15.0	NA	< 10.5	NA	< 10.5	< 21.0	< 0.22	NA	NA	NA	NA	NA
Total PCBs																							
Aroclor-1016	0.003	0.03	NA	NA	NA	< 0.035	< 0.035	< 0.0072	< 0.0072	< 0.0072	< 0.0072 J-	< 0.0072	< 0.0072	< 0.0072	< 0.0072	NA	NA	NA	< 0.035	< 0.0072	< 0.0072	< 0.0072	< 0.0072
Aroclor-1232	0.003	0.03	NA	NA	NA	< 0.037	< 0.037	< 0.0042	< 0.0042	< 0.0042	< 0.0042 J-	< 0.0042	< 0.0042	< 0.0042	< 0.0042	NA	NA	NA	< 0.037	< 0.0042	< 0.0042	< 0.0042	< 0.0042
Aroclor-1242	0.003	0.03	NA	NA	NA	< 0.038	< 0.038	< 0.013	< 0.013	< 0.013	< 0.013 J-	< 0.013	< 0.013	< 0.013	< 0.013	NA	NA	NA	< 0.038	< 0.013	< 0.013	< 0.013	< 0.013
Aroclor-1248	0.003	0.03	NA	NA	NA	< 0.02	< 0.020	< 0.011	< 0.011	< 0.011	< 0.011 J-	< 0.011	< 0.011	< 0.011	< 0.011	NA	NA	NA	< 0.020	< 0.011	< 0.011	< 0.011	< 0.011
Total Detected PCBs	0.003	0.03	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	< 0.026	NA	NA	NA	ND	ND	ND	ND	ND
Dissolved PCBs																							
Aroclor-1016	0.003	0.03	< 0.068	< 0.064	< 0.062	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.003	0.03	< 0.20	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.003	0.03	< 0.20	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.003	0.03	< 0.20	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Detected PCBs	0.003	0.03	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Solids																							
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	1530	1370	1570	1310	1180	1230	1230	1540	1390	1320	NA	NA	NA	618	740	762	720	672
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	NA	NA	< 0.95	< 0.95	< 1.4	1.4 J	< 0.95	1.8 J	4.4	1.6 J	< 0.95	1.2 J	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID			MW-29S	MW-29S	MW-29S	MW-29S	MW-29S	MW-29S	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D	MW-29D
SCREEN INTERVAL (feet bgs)	PREVENTIVE	ENFORCEMENT	24.6 - 34.4 ft	24.6 - 34.4 ft	24.6 - 34.4 ft	24.6 - 34.4 ft	24.6 - 34.4 ft	24.6 - 34.4 ft	45 - 50 ft	45 - 50 ft	45.2 - 50.2 ft	45.2 - 50.2 ft	45.2 - 50.2 ft	45.2 - 50.2 ft	45.2 - 50.2 ft	45.2 - 50.2 ft	45.2 - 50.2 ft	45.2 - 50.2 ft
SAMPLE DATE	ACTION LIMIT	STANDARD	7/20/2020	10/15/2020	04/15/2021	10/18/2021	04/28/2022	10/24/2022	04/05/2018	10/16/2018	04/12/2019	10/15/2019	7/20/2020	10/15/2020	04/16/2021	10/18/2021	04/28/2022	10/24/2022
VOCs																		
1,1,1,2-Tetrachloroethane	7	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	40	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.7	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.005	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	96	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	0.44	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	1	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropyl ether	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	140	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	10	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	160	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	20	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	698	3490	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs																		
Aroclor-1016	0.003	0.03	< 0.0072 J-	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.035	< 0.0072	< 0.0072	< 0.0072	< 0.0072 J-	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0071
Aroclor-1232	0.003	0.03	< 0.0042 J-	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.037	< 0.0042	< 0.0042	< 0.0042	< 0.0042 J-	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042
Aroclor-1242	0.003	0.03	< 0.013 J-	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.038	< 0.013	< 0.013	< 0.013	< 0.013 J-	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Aroclor-1248	0.003	0.03	< 0.011 J-	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.020	< 0.011	< 0.011	< 0.011	< 0.011 J-	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011
Total Detected PCBs	0.003	0.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dissolved PCBs																		
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0072	NA	NA	NA
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0042	NA	NA	NA
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.013	NA	NA	NA
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.011	NA	NA	NA
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA
Solids																		
Total Dissolved Solids (mg/L)	NE	NE	734	706	1440	600	524	578	976	746	780	626	776	824	1200	2730	3430	3900
Total Suspended Solids (TSS) (mg/L)	NE	NE	1.2 J	2.2	2.4	< 0.95	< 0.95 J	< 0.48	2.0	< 1.4	< 0.95	< 0.95	2.6	1.6 J	3.4	1.4 J	8.6 J	4.2

Notes on Page 63.

Table 7: Groundwater Analytical Results Summary
Madison-Kipp Corporation
Madison, Wisconsin

Footnotes:
1 - Indicates that the sample was quenched prior to analysis.
2 - Indicates that the sample was not quenched prior to analysis.
3 - Indicates the result of a field duplicate.

Updated By: P. Popp 12/12/2023
Checked By: L. Auner 12/13/2023

General Notes:
All concentrations noted in this table are reported in micrograms per liter (µg/L) unless otherwise noted.
Analytes shown in the table are from VOC and PCB analyte lists. Only analytes that were detected in at least one sample are shown in the table. A complete list of constituents analyzed are included in the laboratory analytical reports.

100 = NR 140 Wis. Adm. Code Preventive Action Limit Exceedance
100 = NR 140 Wis. Adm. Code Enforcement Standard Exceedance
< = Constituent not detected above noted laboratory method detection limit.
* = Data is suspect and not used in evaluation. (Note from historical data through 2015, provided by Arcadis)
B = Compound was found in the blank and sample.
bgs = Below Ground Surface.
cn = Laboratory Contaminant.
E = Estimated concentration, exceeds instrumental calibration range.
ID = Identification.
J = Estimated concentration above the adjusted method detection limit and below the reporting limit or because of non-compliant laboratory quality check.
J- = Results may be biased low because of non-compliant laboratory quality check.
J+ = Results may be biased high because of non-compliant laboratory quality check.
U = Results determined to be non-detect at the concentration limit because of blank contamination.
NA = Not Analyzed.
ND = Not Detected.
NE = Not Established.
PCBs = Polychlorinated biphenyls.
VOCs = Volatile Organic Compounds.

Appendix F: Rain Garden Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Stehn
TRC Environmental Corporation
999 Fourier Drive, Suite 101
Madison, Wisconsin 53717

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JOB DESCRIPTION

MadisonKipp Surface/Soil

JOB NUMBER

500-232598-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



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Authorized for release by
Sandie Fredrick, Project Manager II
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(920)261-1660

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Job ID: 500-232598-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-232598-1

Receipt
The samples were received on 4/20/2023 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.7º C.

Receipt Exceptions
The following sample was canceled by the client on 04-25-2023 Outfall (041923)-W (500-232598-3).

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

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

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 180-433138.

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

Client Sample ID: MH 1A (041923) — Lab Sample ID: 500-232598-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	68		24	11	ug/Kg	1		8082A	Total/NA

Client Sample ID: Outfall (041923)-S — Lab Sample ID: 500-232598-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	290		23	11	ug/Kg	1		8082A	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
3541	Automated Soxhlet Extraction	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Sample Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-232598-1	MH 1A (041923)	Solid	04/19/23 14:20	04/20/23 09:50
500-232598-2	Outfall (041923)-S	Solid	04/19/23 14:00	04/20/23 09:50

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

Client Sample ID: MH 1A (041923)

Date Collected: 04/19/23 14:20
Date Received: 04/20/23 09:50

Lab Sample ID: 500-232598-1

Matrix: Solid

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<9.5		24	9.5	ug/Kg		04/28/23 14:00	05/03/23 22:50	1
PCB-1221	<9.5		24	9.5	ug/Kg		04/28/23 14:00	05/03/23 22:50	1
PCB-1232	<6.5		24	6.5	ug/Kg		04/28/23 14:00	05/03/23 22:50	1
PCB-1242	<9.4		24	9.4	ug/Kg		04/28/23 14:00	05/03/23 22:50	1
PCB-1248	**68**		24	11	ug/Kg		04/28/23 14:00	05/03/23 22:50	1
PCB-1254	<8.2		24	8.2	ug/Kg		04/28/23 14:00	05/03/23 22:50	1
PCB-1260	<9.1		24	9.1	ug/Kg		04/28/23 14:00	05/03/23 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*49 - 129*	*04/28/23 14:00*	*05/03/23 22:50*	*1*
DCB Decachlorobiphenyl	*94*		*37 - 121*	*04/28/23 14:00*	*05/03/23 22:50*	*1*

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

Client Sample ID: Outfall (041923)-S
Date Collected: 04/19/23 14:00
Date Received: 04/20/23 09:50

Lab Sample ID: 500-232598-2
Matrix: Solid

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<9.2		23	9.2	ug/Kg		04/28/23 14:00	05/03/23 23:05	1
PCB-1221	<9.2		23	9.2	ug/Kg		04/28/23 14:00	05/03/23 23:05	1
PCB-1232	<6.3		23	6.3	ug/Kg		04/28/23 14:00	05/03/23 23:05	1
PCB-1242	<9.1		23	9.1	ug/Kg		04/28/23 14:00	05/03/23 23:05	1
PCB-1248	**290**		23	11	ug/Kg		04/28/23 14:00	05/03/23 23:05	1
PCB-1254	<7.9		23	7.9	ug/Kg		04/28/23 14:00	05/03/23 23:05	1
PCB-1260	<8.8		23	8.8	ug/Kg		04/28/23 14:00	05/03/23 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*77*		*49 - 129*	*04/28/23 14:00*	*05/03/23 23:05*	*1*
DCB Decachlorobiphenyl	*105*		*37 - 121*	*04/28/23 14:00*	*05/03/23 23:05*	*1*

Glossary

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

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

GC Semi VOA

Prep Batch: 710391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232598-1	MH 1A (041923)	Total/NA	Solid	3541	
500-232598-2	Outfall (041923)-S	Total/NA	Solid	3541	
MB 500-710391/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-710391/3-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 710612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-710391/1-A	Method Blank	Total/NA	Solid	8082A	710391
LCS 500-710391/3-A	Lab Control Sample	Total/NA	Solid	8082A	710391

Analysis Batch: 711153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232598-1	MH 1A (041923)	Total/NA	Solid	8082A	710391
500-232598-2	Outfall (041923)-S	Total/NA	Solid	8082A	710391

General Chemistry

Analysis Batch: 710014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-232598-1	MH 1A (041923)	Total/NA	Solid	Moisture	
500-232598-2	Outfall (041923)-S	Total/NA	Solid	Moisture	

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	TCX1 (49-129)	DCBP1 (37-121)										
500-232598-1	MH 1A (041923)	72	94										
500-232598-2	Outfall (041923)-S	77	105										
LCS 500-710391/3-A	Lab Control Sample	99	92										
MB 500-710391/1-A	Method Blank	107	99										

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-710391/1-A
Matrix: Solid
Analysis Batch: 710612

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 710391

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		17	6.6	ug/Kg		04/28/23 14:00	05/01/23 12:08	1
PCB-1221	<6.6		17	6.6	ug/Kg		04/28/23 14:00	05/01/23 12:08	1
PCB-1232	<4.5		17	4.5	ug/Kg		04/28/23 14:00	05/01/23 12:08	1
PCB-1242	<6.5		17	6.5	ug/Kg		04/28/23 14:00	05/01/23 12:08	1
PCB-1248	<7.9		17	7.9	ug/Kg		04/28/23 14:00	05/01/23 12:08	1
PCB-1254	<5.7		17	5.7	ug/Kg		04/28/23 14:00	05/01/23 12:08	1
PCB-1260	<6.3		17	6.3	ug/Kg		04/28/23 14:00	05/01/23 12:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*107*		*49 - 129*	*04/28/23 14:00*	*05/01/23 12:08*	*1*
DCB Decachlorobiphenyl	*99*		*37 - 121*	*04/28/23 14:00*	*05/01/23 12:08*	*1*

Lab Sample ID: LCS 500-710391/3-A
Matrix: Solid
Analysis Batch: 710612

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 710391

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			167	149		ug/Kg		89	57 - 120		
PCB-1260			167	146		ug/Kg		88	61 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*99*		*49 - 129*
DCB Decachlorobiphenyl	*92*		*37 - 121*

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

Client Sample ID: MH 1A (041923)

Lab Sample ID: 500-232598-1

Date Collected: 04/19/23 14:20
Matrix: Solid
Date Received: 04/20/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			710391	EK	EET CHI	04/28/23 14:00 - 04/28/23 21:00 [1]
Total/NA	Analysis	8082A		1	711153	SB	EET CHI	05/03/23 22:50
Total/NA	Analysis	Moisture		1	710014	LWN	EET CHI	04/27/23 08:54

Client Sample ID: Outfall (041923)-S

Lab Sample ID: 500-232598-2

Date Collected: 04/19/23 14:00
Matrix: Solid
Date Received: 04/20/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			710391	EK	EET CHI	04/28/23 14:00 - 04/28/23 21:00 [1]
Total/NA	Analysis	8082A		1	711153	SB	EET CHI	05/03/23 23:05
Total/NA	Analysis	Moisture		1	710014	LWN	EET CHI	04/27/23 08:54

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

Laboratory References:

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

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 500-232598-1
Project/Site: MadisonKipp Surface/Soil

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

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

Chain of Custody Record

eurofins

Client Information	Sampler: Andy Stehn	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No.: 500-111697-46379 1
Client Contact: Ben Wachholz	Phone: 608-807-8112	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: WI	Page: Page 1 of 1
Company: TRC Environmental Corporation	PWSID:	Analysis Requested		Job #: 500-232598
Address: 999 Fourier Drive Suite 101	Due Date Requested:			
City: Madison	TAT Requested (days): standard			
State, Zip: WI 53717	Compliance Project: Δ Yes Δ No			
Phone: 608-354-3923	PO #: 197252			
Email: BWachholz@trccompanies.com	WO #:			
Project Name: MadisonKipp Surface/Soil	Project #: 50021412			
Site: MKC Rain Garden	SSOW#:			

500-232598 COC

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCB	8082A_LL - PCB	Total Number of containers	Special Instructions/Note
				Preservation Code				N	N		
1	MH 1A (041923)	4/19/23	14:20	G	Solid	N	N	X			
2	Outfall (041923) - S	4/19/23	14:00	G	Solid	N	N	X			
					Solid						
3	Outfall (041923) - W	4/19/23	13:50	G	Water	N	N	X			
					Water						

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

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

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Ben Wachholz (TRC)	4/19/23 16:00	TRC	Shri Loots	4/20/23 0950	EEA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 2.8-7(c)

500-232598 Waybi


ORIGIN ID ALOA (608) 826-3663
BEN WACHHOLZ
TRC ENVIRONMENTAL CORP
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
UNITED STATES US

SHIP DATE 04APR23
ACTWGT 10.00 LB MAN
CAD 0870970/CAFE3621

TO CHICAGO SAMPLE RECEIVING
TESTAMERICA
2417 BOND ST.

UNIVERSITY PARK IL 60484
(708) 534-5200 REF
INV
PO DEPT

RMA:

582C3/78CF/432A

FedEx Express

J223022060601uv

FedEx
TRK# 0221 6026 1085 8254

THU - 20 APR 10:30A
PRIORITY OVERNIGHT

XN JOTA

60484
IL-US ORD

EXP 02/24

5/4/2023

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-173046.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: Wisconsin	Page: Page 1 of 1
Company: Eurofins Environment Testing Northeast,		Accreditations Required (See note): State - Wisconsin; State Program - Wisconsin		Job #: 500-232598-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 5/3/2023			
City: Pittsburgh	TAT Requested (days):			
State, Zip: PA, 15238				
Phone: 412-963-7058(Tel) 412-963-2468(Fax)	PO #:			
Email:	WO #:			
Project Name: MadisonKipp Surface/Soil	Project #: 50021412			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL/3510C_LL PCB	Total Number of containers	Special Instructions/Note:
		Preservation Code:							
Outfall (041923)-W (500-232598-3)	4/19/23	13:50 Central		Water			X		

500-232598 Chain of Custody

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Phil Scott	4/21/23 1520			4-22-23 0933	FEDEX
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-232598-1

Login Number: 232598
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	1.7
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	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Wachholz
TRC Environmental Corporation
999 Fourier Drive, Suite 101
Madison, Wisconsin 53717

Generated 5/8/2023 9:00:27 PM

JOB DESCRIPTION

MKC Rain Garden

JOB NUMBER

500-233112-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
5/8/2023 9:00:27 PM

Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

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Job ID: 500-233112-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-233112-1

Comments
No additional comments.

Receipt
The sample was received on 5/2/2023 10:10 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6º C.

GC Semi VOA
Method 8082A: The Tetrachloro-m-xylene (Surr) surrogate recovery for the following samples was outside acceptance limits (high biased) on the confirmation column due to matrix interference: Outfall (050123)-W (500-233112-1). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

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

Organic Prep
Method 3510C: Due to sample size jars provided 4 jars were combined to create the extraction sample.
Jars:500-233112-D-1, 500-233112-B-1, 500-233112-A-1, 500-233112-C-1
Outfall (050123)-W (500-233112-1)

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-233112-1

Client Sample ID: Outfall (050123)-W **Lab Sample ID: 500-233112-1**

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-233112-1

Method	Method Description	Protocol	Laboratory
EPA 8082A	Polychlorinated Biphenyls (PCBs) (GC)	SW846	EET PIT
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PIT

Protocol References:

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

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-233112-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-233112-1	Outfall (050123)-W	Water	05/01/23 13:15	05/02/23 10:10

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-233112-1

Client Sample ID: Outfall (050123)-W

Date Collected: 05/01/23 13:15
Date Received: 05/02/23 10:10

Lab Sample ID: 500-233112-1

Matrix: Water

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0048		0.010	0.0048	ug/L		05/04/23 01:30	05/05/23 18:53	1
PCB-1221	<0.0057		0.010	0.0057	ug/L		05/04/23 01:30	05/05/23 18:53	1
PCB-1232	<0.0052		0.010	0.0052	ug/L		05/04/23 01:30	05/05/23 18:53	1
PCB-1242	<0.0036		0.010	0.0036	ug/L		05/04/23 01:30	05/05/23 18:53	1
PCB-1248	<0.0080		0.010	0.0080	ug/L		05/04/23 01:30	05/05/23 18:53	1
PCB-1254	<0.0046		0.010	0.0046	ug/L		05/04/23 01:30	05/05/23 18:53	1
PCB-1260	<0.0039		0.010	0.0039	ug/L		05/04/23 01:30	05/05/23 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*104*		*48 - 129*	*05/04/23 01:30*	*05/05/23 18:53*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*36 - 117*	*05/04/23 01:30*	*05/05/23 18:53*	*1*

Glossary

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

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-233112-1

GC Semi VOA

Prep Batch: 434193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233112-1	Outfall (050123)-W	Total/NA	Water	3510C	
MB 180-434193/1-A	Method Blank	Total/NA	Water	3510C	
LCS 180-434193/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 434326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233112-1	Outfall (050123)-W	Total/NA	Water	EPA 8082A	434193
MB 180-434193/1-A	Method Blank	Total/NA	Water	EPA 8082A	434193
LCS 180-434193/2-A	Lab Control Sample	Total/NA	Water	EPA 8082A	434193

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-233112-1

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB1	TCX1								
Lab Sample ID	Client Sample ID	(48-129)	(36-117)								
500-233112-1	Outfall (050123)-W	104	92								
LCS 180-434193/2-A	Lab Control Sample	110	109								
MB 180-434193/1-A	Method Blank	77	75								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 180-434193/1-A
Matrix: Water
Analysis Batch: 434326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 434193

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0048		0.010	0.0048	ug/L		05/04/23 01:30	05/05/23 15:21	1
PCB-1221	<0.0057		0.010	0.0057	ug/L		05/04/23 01:30	05/05/23 15:21	1
PCB-1232	<0.0052		0.010	0.0052	ug/L		05/04/23 01:30	05/05/23 15:21	1
PCB-1242	<0.0036		0.010	0.0036	ug/L		05/04/23 01:30	05/05/23 15:21	1
PCB-1248	<0.0080		0.010	0.0080	ug/L		05/04/23 01:30	05/05/23 15:21	1
PCB-1254	<0.0046		0.010	0.0046	ug/L		05/04/23 01:30	05/05/23 15:21	1
PCB-1260	<0.0039		0.010	0.0039	ug/L		05/04/23 01:30	05/05/23 15:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*48 - 129*	*05/04/23 01:30*	*05/05/23 15:21*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*36 - 117*	*05/04/23 01:30*	*05/05/23 15:21*	*1*

Lab Sample ID: LCS 180-434193/2-A
Matrix: Water
Analysis Batch: 434326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 434193

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	1.01		ug/L		101	36 - 113		
PCB-1260			1.00	1.08		ug/L		108	33 - 116		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*110*		*48 - 129*
Tetrachloro-m-xylene (Surr)	*109*		*36 - 117*

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-233112-1

Client Sample ID: Outfall (050123)-W

Date Collected: 05/01/23 13:15
Date Received: 05/02/23 10:10

Lab Sample ID: 500-233112-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			434193	CBY	EET PIT	05/04/23 01:30
Total/NA	Analysis	EPA 8082A		1	434326	JMO	EET PIT	05/05/23 18:53

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 500-233112-1
Project/Site: MKC Rain Garden

Laboratory: Eurofins Pittsburgh

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998027800	08-31-23

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone (708) 534-5200 Phone (708) 534-5211

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: BW ~~Andy Stelz~~ Ben Wachholz	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No.
Client Contact: Ben Wachholz	Phone: BW ~~608-807-8112~~ 608-354-3923	E-Mail: sandra.fredrick@et.eurofinsus.com	State of Origin: WI	Page: Page 1 of 1
Company: TRC Environmental Corporation	PWSID:	Analysis Requested		Job #: 500-233112
Address: 999 Fourier Drive Suite 101	Due Date Requested:			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify); Other
City: Madison	TAT Requested (days): standard 10 days			
State, Zip: WI 53717	Compliance Project: Δ Yes Δ No			
Phone: 608 354-3923	PO #:			
Email: bwachholz@trccompanies.com	WO #:			
Project Name: MKC Rain Garden	Project #:			
Site: Madison WI	SSOW#:			

500-233112 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL PCB	Total Number of containers	Special Instructions/Note
			Preservation Code:				N		
BW ~~OUTFALL (050123) - W~~	4/28/23		G	Water	N	N	X		
OUTFALL (050123) - W	5/1/23	13:15	G	W	N	N	X		

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

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

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Ben Wachholz	5/1/23 16:15	TRC	[illegible]	5/2/23 1010	EETA
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:	4.7→3.6

Ver: 01/16/2019



500-233112 Waybi

ORIGIN ID MSNA (608) 826-3636
TINA KRAUSE
TRC COMPANIES
TRC ENVIRONMENTAL CORPORATION
999 FOURIER DRIVE SUITE 101
MADISON, WI 53717
UNITED STATES US

SHIP DATE 01MAY23
ACTWGT 12.20 LB
CAD 109993720/INET4510

BILL SENDER

TO SAMPLE RECEIPT
EUROFINS TESTAMERICA
2417 BOND STREET

UNIVERSITY PARK IL 60484
(920) 261-1660 X 122 REF 525152.0000.0000 000003 000002
INV
PO DEPT

FedEx Express

TUE - 02 MAY 10:30A

TRK# 0201

FedEx
TRK# 0201 7720 1240 5440

TUE - 02 MAY AA
PRIORITY OVERNIGHT

X

XN JOTA

60484
IL-US
ORD

5033229 02May 08:49 MEMH 577C3/78CF/FE2D

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

Pest 2011C

Chain of Custody Record

500-233112 Chain of Custody

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fredrick, Sandie	No: -173456.1
Client Contact: Shipping/Receiving	Phone	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: Wisconsin	Page: Page 1 of 1
Company: Eurofins Environment Testing Northeast,		Accreditations Required (See note): State - Wisconsin; State Program - Wisconsin	Job #: 500-233112-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 5/15/2023		
City: Pittsburgh	TAT Requested (days):		
State, Zip: PA, 15238			
Phone: 412-963-7058(Tel) 412-963-2468(Fax)	PO #:		
Email:	WO #:		
Project Name: MKC Rain Garden	Project #: 50021412		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL/3510C_LL PCB - LL	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Outfall (050123)-W (500-233112-1)	5/1/23	13:15 Central		Water			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/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

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

Empty Kit Relinquished by:		Date:		Time:	Method of Shipment:	
Relinquished by: Adam Scott	Date/Time: 5/2/23 1520	Company	Received by: D Watson	Date/Time: 5-3-23 1030	Company BTEMC	
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:

5/8/2023

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-233112-1

Login Number: 233112
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	3.6
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	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-233112-1

Login Number: 233112
List Number: 2
Creator: Watson, Debbie

List Source: Eurofins Pittsburgh
List Creation: 05/03/23 08:27 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Stehn
TRC Environmental Corporation
999 Fourier Drive, Suite 101
Madison, Wisconsin 53717

Generated 11/2/2023 7:59:48 AM

JOB DESCRIPTION

MKC Rain Garden

JOB NUMBER

500-241250-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
11/2/2023 7:59:48 AM

Authorized for release by
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Job ID: 500-241250-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-241250-1

Receipt
The samples were received on 10/19/2023 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

GC Semi VOA
Method 8082A: The continuing calibration verification (CCV) associated with batch 180-450496 recovered above the upper control limit for Tetrachloro-m-xylene (Surr). The associated sample is impacted: (CCVIS 180-450496/5).

Method 8082A: Compound PCB-1254 PCB-1260 eluted outside the retention time window on the Restek CLP 1 and Restek CLP2 column for the following samples: 10092023-MH-1A (500-241250-1) and 10092023-OUTFALL (500-241250-2). This retention time shift was taken into account when reviewing the sample(s) for target compounds.

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

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

Organic Prep
Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 180-449741.

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

Detection Summary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-241250-1

Client Sample ID: 10092023-MH-1A — Lab Sample ID: 500-241250-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	220		0.83	0.20	ug/Kg	1		EPA 8082A	Total/NA

Client Sample ID: 10092023-OUTFALL — Lab Sample ID: 500-241250-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	240		0.83	0.20	ug/Kg	1		EPA 8082A	Total/NA

Client Sample ID: 10182023-W — Lab Sample ID: 500-241250-3

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-241250-1

Method	Method Description	Protocol	Laboratory
EPA 8082A	Polychlorinated Biphenyls (PCBs) (GC)	SW846	EET PIT
Moisture	Percent Moisture	EPA	EET PIT
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PIT
3541	Automated Soxhlet Extraction	SW846	EET PIT

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-241250-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-241250-1	10092023-MH-1A	Solid	10/09/23 11:05	10/19/23 09:00
500-241250-2	10092023-OUTFALL	Solid	10/09/23 11:25	10/19/23 09:00
500-241250-3	10182023-W	Water	10/18/23 13:35	10/19/23 09:00

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-241250-1

Client Sample ID: 10092023-MH-1A

Date Collected: 10/09/23 11:05
Date Received: 10/19/23 09:00

Lab Sample ID: 500-241250-1

Matrix: Solid

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.27		0.83	0.27	ug/Kg		10/20/23 14:11	11/01/23 03:55	1
PCB-1221	<0.30		0.83	0.30	ug/Kg		10/20/23 14:11	11/01/23 03:55	1
PCB-1232	<0.20		0.83	0.20	ug/Kg		10/20/23 14:11	11/01/23 03:55	1
PCB-1242	<0.12		0.83	0.12	ug/Kg		10/20/23 14:11	11/01/23 03:55	1
PCB-1248	**220**		0.83	0.20	ug/Kg		10/20/23 14:11	11/01/23 03:55	1
PCB-1254	<0.25	*	0.83	0.25	ug/Kg		10/20/23 14:11	11/01/23 03:55	1
PCB-1260	<0.24	*	0.83	0.24	ug/Kg		10/20/23 14:11	11/01/23 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*116*		*36 - 122*	*10/20/23 14:11*	*11/01/23 03:55*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-241250-1

Client Sample ID: 10092023-OUTFALL
Date Collected: 10/09/23 11:25
Date Received: 10/19/23 09:00

Lab Sample ID: 500-241250-2
Matrix: Solid

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.27		0.83	0.27	ug/Kg		10/20/23 14:11	11/01/23 04:14	1
PCB-1221	<0.29		0.83	0.29	ug/Kg		10/20/23 14:11	11/01/23 04:14	1
PCB-1232	<0.20		0.83	0.20	ug/Kg		10/20/23 14:11	11/01/23 04:14	1
PCB-1242	<0.12		0.83	0.12	ug/Kg		10/20/23 14:11	11/01/23 04:14	1
PCB-1248	**240**		0.83	0.20	ug/Kg		10/20/23 14:11	11/01/23 04:14	1
PCB-1254	<0.25	*	0.83	0.25	ug/Kg		10/20/23 14:11	11/01/23 04:14	1
PCB-1260	<0.24	*	0.83	0.24	ug/Kg		10/20/23 14:11	11/01/23 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*103*		*36 - 122*	*10/20/23 14:11*	*11/01/23 04:14*	*1*

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-241250-1

Client Sample ID: 10182023-W
Date Collected: 10/18/23 13:35
Date Received: 10/19/23 09:00

Lab Sample ID: 500-241250-3
Matrix: Water

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0049		0.010	0.0049	ug/L		10/20/23 01:15	10/23/23 11:48	1
PCB-1221	<0.0058		0.010	0.0058	ug/L		10/20/23 01:15	10/23/23 11:48	1
PCB-1232	<0.0053		0.010	0.0053	ug/L		10/20/23 01:15	10/23/23 11:48	1
PCB-1242	<0.0036		0.010	0.0036	ug/L		10/20/23 01:15	10/23/23 11:48	1
PCB-1248	<0.0082		0.010	0.0082	ug/L		10/20/23 01:15	10/23/23 11:48	1
PCB-1254	<0.0047		0.010	0.0047	ug/L		10/20/23 01:15	10/23/23 11:48	1
PCB-1260	<0.0040		0.010	0.0040	ug/L		10/20/23 01:15	10/23/23 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*48 - 129*	*10/20/23 01:15*	*10/23/23 11:48*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*36 - 117*	*10/20/23 01:15*	*10/23/23 11:48*	*1*

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-241250-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
*	ISTD response or retention time outside acceptable 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: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-241250-1

GC Semi VOA

Prep Batch: 449741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241250-3	10182023-W	Total/NA	Water	3510C	
MB 180-449741/1-A	Method Blank	Total/NA	Water	3510C	
LCS 180-449741/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 180-449741/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 449814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241250-1	10092023-MH-1A	Total/NA	Solid	3541	
500-241250-2	10092023-OUTFALL	Total/NA	Solid	3541	
MB 180-449814/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-449814/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 449902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241250-3	10182023-W	Total/NA	Water	EPA 8082A	449741
MB 180-449741/1-A	Method Blank	Total/NA	Water	EPA 8082A	449741
LCS 180-449741/4-A	Lab Control Sample	Total/NA	Water	EPA 8082A	449741
LCSD 180-449741/5-A	Lab Control Sample Dup	Total/NA	Water	EPA 8082A	449741

Analysis Batch: 450496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-449814/1-A	Method Blank	Total/NA	Solid	EPA 8082A	449814
LCS 180-449814/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	449814

Analysis Batch: 450628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241250-1	10092023-MH-1A	Total/NA	Solid	EPA 8082A	449814
500-241250-2	10092023-OUTFALL	Total/NA	Solid	EPA 8082A	449814

General Chemistry

Analysis Batch: 449952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241250-1	10092023-MH-1A	Total/NA	Solid	Moisture	
500-241250-2	10092023-OUTFALL	Total/NA	Solid	Moisture	

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-241250-1

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TCX2
Lab Sample ID	Client Sample ID	(36-122)
500-241250-1	10092023-MH-1A	116
500-241250-2	10092023-OUTFALL	103

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TCX1
Lab Sample ID	Client Sample ID	(36-122)
LCS 180-449814/2-A	Lab Control Sample	89
MB 180-449814/1-A	Method Blank	96

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX2
Lab Sample ID	Client Sample ID	(48-129)	(36-117)
500-241250-3	10182023-W	90	93
LCS 180-449741/4-A	Lab Control Sample	87	80
LCSD 180-449741/5-A	Lab Control Sample Dup	85	82
MB 180-449741/1-A	Method Blank	88	89

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 180-449741/1-A
Matrix: Water
Analysis Batch: 449902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449741

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0048		0.010	0.0048	ug/L		10/20/23 01:15	10/23/23 10:55	1
PCB-1221	<0.0057		0.010	0.0057	ug/L		10/20/23 01:15	10/23/23 10:55	1
PCB-1232	<0.0052		0.010	0.0052	ug/L		10/20/23 01:15	10/23/23 10:55	1
PCB-1242	<0.0036		0.010	0.0036	ug/L		10/20/23 01:15	10/23/23 10:55	1
PCB-1248	<0.0080		0.010	0.0080	ug/L		10/20/23 01:15	10/23/23 10:55	1
PCB-1254	<0.0046		0.010	0.0046	ug/L		10/20/23 01:15	10/23/23 10:55	1
PCB-1260	<0.0039		0.010	0.0039	ug/L		10/20/23 01:15	10/23/23 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*48 - 129*	*10/20/23 01:15*	*10/23/23 10:55*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*36 - 117*	*10/20/23 01:15*	*10/23/23 10:55*	*1*

Lab Sample ID: LCS 180-449741/4-A
Matrix: Water
Analysis Batch: 449902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449741

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.00	0.829		ug/L		83	36 - 113		
PCB-1260			1.00	0.828		ug/L		83	33 - 116		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*87*		*48 - 129*
Tetrachloro-m-xylene (Surr)	*80*		*36 - 117*

Lab Sample ID: LCSD 180-449741/5-A
Matrix: Water
Analysis Batch: 449902

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 449741

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1.00	0.845		ug/L		84	36 - 113	2	35
PCB-1260			1.00	0.832		ug/L		83	33 - 116	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*85*		*48 - 129*
Tetrachloro-m-xylene (Surr)	*82*		*36 - 117*

Lab Sample ID: MB 180-449814/1-A
Matrix: Solid
Analysis Batch: 450496

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449814

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.14		0.42	0.14	ug/Kg		10/20/23 14:11	10/30/23 21:05	1
PCB-1221	<0.15		0.42	0.15	ug/Kg		10/20/23 14:11	10/30/23 21:05	1
PCB-1232	<0.10		0.42	0.10	ug/Kg		10/20/23 14:11	10/30/23 21:05	1
PCB-1242	<0.061		0.42	0.061	ug/Kg		10/20/23 14:11	10/30/23 21:05	1
PCB-1248	<0.10		0.42	0.10	ug/Kg		10/20/23 14:11	10/30/23 21:05	1
PCB-1254	<0.13		0.42	0.13	ug/Kg		10/20/23 14:11	10/30/23 21:05	1
PCB-1260	<0.12		0.42	0.12	ug/Kg		10/20/23 14:11	10/30/23 21:05	1

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	96		36 - 122	10/20/23 14:11	10/30/23 21:05	1

Lab Sample ID: LCS 180-449814/2-A
Matrix: Solid
Analysis Batch: 450496

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449814

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			33.3	24.8		ug/Kg		74	32 - 126		
PCB-1260			33.3	21.8		ug/Kg		65	40 - 121		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	89		36 - 122

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-241250-1

Client Sample ID: 10092023-MH-1A

Lab Sample ID: 500-241250-1

Date Collected: 10/09/23 11:05

Matrix: Solid

Date Received: 10/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			449814	DVC	EET PIT	10/20/23 14:11
Total/NA	Analysis	EPA 8082A		1	450628	C1F	EET PIT	11/01/23 03:55
Total/NA	Analysis	Moisture		1	449952	CMC	EET PIT	10/23/23 12:31

Client Sample ID: 10092023-OUTFALL

Lab Sample ID: 500-241250-2

Date Collected: 10/09/23 11:25

Matrix: Solid

Date Received: 10/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			449814	DVC	EET PIT	10/20/23 14:11
Total/NA	Analysis	EPA 8082A		1	450628	C1F	EET PIT	11/01/23 04:14
Total/NA	Analysis	Moisture		1	449952	CMC	EET PIT	10/23/23 12:31

Client Sample ID: 10182023-W

Lab Sample ID: 500-241250-3

Date Collected: 10/18/23 13:35

Matrix: Water

Date Received: 10/19/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			449741	CBY	EET PIT	10/20/23 01:15
Total/NA	Analysis	EPA 8082A		1	449902	JMO	EET PIT	10/23/23 11:48

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Job ID: 500-241250-1
Project/Site: MKC Rain Garden

Laboratory: Eurofins Pittsburgh

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998027800	08-31-24

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone 412-963-7058 Fax 412-963-2468

Chain of Custody Record

eurofins

Client Information	Sampler: Ben Wachholz	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 500-117308-48015 1
Client Contact: Andy Stehn	Phone: 608-354-3923	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: WI	Page: Page 1 of 1
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 999 Fourier Drive, Suite 101	Due Date Requested:			
City: Madison	TAT Requested (days): standard			
State, Zip: WI, 53717	Compliance Project: Δ Yes Δ No			
Phone: 608-807-8112	PO #: 200333			
Email: AStehn@trccompanies.com	WO #:			
Project Name: MKC Rain Garden	Project #: 50021412			
Site: Madison, WI	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL - PCB	8082A_LL - PCB-LL	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
10092023-MH-1A	10/9/23	11:05	G	Solid	N	N	X		1	
10092023-OUTFALL	10/9/23	11:25	G	Solid	N	N	X		1	
10182023-W	10/18/23	13:35	G	Water	N	N		X	5	1-liter bottle was rinsed before sampling so there is no preservative

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Ben Wachholz	10/18/23 17:15	TRC		10-19-23 0920	
2						
3						

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

Ver 06/08 2021

Do not lift using this tag.
Ref:
Dep:
Date: 060ct23
Wgt: 15.00 LBS
DV:
SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00
Svcs: PRIORITY OVERNIGHT
TRK# 7044 8941 9867
RT 198 1 10.30 A 9867 10.19
FZ 197
Part # 159469-434 MTW EXP 01/24
ORIGIN ID:RRLA (608) 826-3663
ANDY STEHN
TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
UNITED STATES US
SHIP DATE: 060CT23
ACTWGT: 15.00 LB MAN
CAD: 02696B8/CAFE3753
TO SAMPLE RECEIPT
EUROFINS
301 ALPHA DR.
PITTSBURGH PA 15238
(262) 202-5966
INV:
PO:
REF:
RMA:
Uncorrected temp
Thermometer ID
CF -0.0 Initials
PT-WI-SR-001 effective 11/8/18
FedEx Express
THU - 19 OCT 10:30A
PRIORITY OVERNIGHT
TRK# 0221 7044 8941 9867
XS AGCA
15238
PA-US
PIT
EXP 09/24

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh PA 15238
Phone 412-963-7058 Fax 412-963-2468

Chain of Custody Record

eurofins

Environment Testing

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
	Ben Wachholz	Fredrick, Sandie		500-117308-48015 1
Client Contact: Andy Stehn	Phone: 608-354-3923	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: WI	Page: Page 1 of 1
Company: TRC Environmental Corporation	PWSID:	Analysis Requested		Job #:
Address: 999 Fourier Drive, Suite 101	Due Date Requested:			Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:
City: Madison	TAT Requested (days): standard			
State, Zip: WI, 53717	Compliance Project: Δ Yes Δ No			
Phone: 608-807-8112	PO #: 200333			
Email: AStehn@trccompanies.com	WO #:			
Project Name: MKC Rain Garden	Project #: 50021412			
Site: Madison, WI	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)	8082A_LL - PCB	8082A_LL - PCB-LL	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	X	
10092023-MH-1A	10/9/23	11:05	G	Solid	N	N	X		1	
10092023-OUTFALL	10/9/23	11:25	G	Solid	N	N	X		1	
10182023-W	10/18/23	13:35	G	Water	N	N		X	5	1-liter bottle was rinsed before sampling so there is no preservative

500-241250 Chain of Custody

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Ben Wachholz	10/18/23 17:15	TRC		10-19-23 0920	
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Ver 06/08 202

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-241250-1

Login Number: 241250
List Number: 1
Creator: Nelson, Dirk

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	4.6
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-241250-1

Login Number: 241250
List Number: 2
Creator: Watson, Debbie

List Source: Eurofins Pittsburgh
List Creation: 10/19/23 06:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	