

August 10, 2023

Mr. Luke Lampo
Wisconsin Department of Natural Resources
South Central Region
3911 Fish Hatchery Road
Fitchburg, WI 53711

Subject: 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
Facility ID #113125320, WDNR BRRTS #02-13-558625 and #02-13-562649

Dear Mr. Lampo:

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 systems at MKC's facility at 201 Waubesa Street, Madison, Wisconsin (Site) (Figure 1). Wisconsin Department of Natural Resources (WDNR) Form 4400-194 was completed per the requirements of NR 724.13(3). In addition, an update on work completed for the City of Madison's Rain Garden is included in this report. A comprehensive summary and discussion of the site will be included in the 2023 Annual Report which will be submitted in early 2024.

Groundwater Extraction and Treatment System OM&M

MKC is operating a Groundwater Extraction and Treatment System (GETS) for extraction and treatment of tetrachloroethene (PCE)-impacted groundwater.

GETS System Operation

Approximately 7,613,975 gallons of groundwater were treated between January 1, 2023 and June 30, 2023. A GETS operation summary log for this reporting period is included in Table 1. Approximately 73 pounds of VOCs were removed between January 1 and June 30, 2023. 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 Attachment 1. In addition, the trend plot showing PCE concentration verses time for the groundwater extraction well (GWE-1) is include in Trend Plot A.2 of Attachment 1. Additional system operation information is noted in the attached Remediation Site Operation, Maintenance, Monitoring, and Optimization Report Form 4400-194 in Attachment 2.

The GETS system was shut down periodically for system maintenance and due to pump P-103 and P-200 operational issues. Pump P-103 was primarily ran at a reduced rate between January 5 and February 21, 2023. The pump taken offline, cleaned and restarted on February 22, 2023. Following restart the pump operation flow was increased to between 35 and 40 gpm. An evaluation of the effluent process line for scaling is being conducted as high pressure has been observed when the system is operational at 40 gpm. Scheduled scoping and cleaning of the process line is being coordinated and further details will be discussed in the 2023 annual report submittal.

GETS Monthly Discharge Monitoring Reports

TRC electronically submits monthly (long report) and quarterly (short report) Discharge Monitoring Reports (DMRs) through the WDNR Web Access Management System (WAMS) which is a requirement for the system operation and discharge permit (Wisconsin Pollution Discharge Elimination System Permit number WI-0046566-6). For performance monitoring and permit compliance, TRC collects samples of the extracted groundwater (GETS influent) and treated groundwater (GETS effluent) on a quarterly basis, and after scheduled cleaning events. Table 2 provides the influent and effluent laboratory analytical results for this reporting period.

The DMR long reports are submitted monthly and include daily flow. Total suspended solids are analyzed for the influent and effluent if system cleaning is completed during that month. The DMR short reports are submitted on a quarterly basis following influent and effluent system monitoring for volatile organic compounds (VOCs) and select polycyclic aromatic hydrocarbons (PAHs). The DMRs for January through June 2023 were submitted electronically and a copy of the last submittal from the June 2023 monitoring event is included in Attachment 3. Laboratory analytical reports from the quarterly sampling events are included in Attachment 4.

GETS 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 and GAC effluent gas are sampled on a semi-annual basis for performance and compliance monitoring. The first 2023 sample was collected on June 29, 2023, and an analytical summary table with influent and effluent results are included in Table 3. The laboratory analytical report is included in Attachment 4. An emission rate was calculated based on the effluent analytical results and system flow rate; and results were compared to NR 406 and NR 445 effluent emissions standards. No regulatory standards for effluent emissions from the system were exceeded.

Soil Vapor Extraction System OM&M

MKC previously operated an SVE system for extraction and treatment of shallow soil vapor on the east-northeast portion of the Site (Figure 3). 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 evaluate its effectiveness at 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).

Site Groundwater Monitoring

Water level gauging and groundwater sampling at the Site was conducted in April 2023 per the current WDNR-approved groundwater monitoring plan (Table 4). The other semi-annual site monitoring event is planned for October 2023. Both events will be documented and discussed in detail in the annual report for the site which will cover activities from January to December 2023.

Monitoring Well Network and Sampling Program

The Site contains 39 monitoring wells, 4 multi-port wells, and one 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 forms a regional aquitard.

Groundwater Sampling Results

Groundwater samples from the monitoring wells and associated quality control samples were analyzed for VOCs, geochemical field parameters, and/or PCBs. The results from the groundwater sampling to date are included in Attachment 5. Table 5 shows results from the two latest sampling events and the laboratory analytical report for April 2023 monitoring event is included in Attachment 6. A time versus concentration plot for the monitoring well with the highest tetrachloroethene concentrations is included in Trend Plot A.3 in Attachment 1. The 2023 annual report will include further discussion of the site groundwater monitoring, including the April and October sampling results.

Groundwater Flow Conditions

Water levels at 39 Site monitoring wells, one extraction well, and the 20 multi-port well intervals were gauged in April 2023 and elevations are summarized in Table 6. The most recent water table map and potentiometric surface maps for the Site, were included in the 2022 Operation, Monitoring, and Maintenance Annual Report (TRC, 2023). Data for 2023 and water table and potentiometric surface maps will be included in the 2023 Operation, Monitoring, and Maintenance Annual Report.

Rain Garden Semi-Annual Sampling

TRC completes sediment sampling and surface water sampling from the Rain Garden consistent with the December 4, 2018, Rain Garden – 2018 Sediment Monitoring (BRRTS #02-13-562649) letter (TRC, 2018) and Section D Part 2 of the April 2, 2019, U.S. Environmental Protection Agency TSCA PCB Coordinated Approval. On April 19, 2023, sediment samples were collected from manhole MH-1A and the Outfall point into the rain garden and one water sample was collected on May 1, 2023 from the outfall area. All samples were analyzed for PCBs. Figure 4 shows the location of the sample points, Table 7 includes a summary of the sediment samples collected to date and Table 8 includes a summary of the water samples collected to date. Laboratory analytical report for the sediment and water samples collected are included in Attachment 7.

- The April 19, 2023, sample collected from manhole MH-1A was below the NR 720 industrial direct contact residual contaminant levels (RCLs, 0.967 mg/kg). The sediment observed within MH-1A was primarily coarse grain material with some fines and organics.
- The Outfall sediment sample from April 19, 2023, was below the NR 720 Industrial Direct Contact RCL for total PCBs (0.967 mg/kg). Sediment accumulation within the Outfall generally consisted of fine grain material with some organics.
- No PCB aroclors analyzed were detected above the laboratory method detection limits for the water sample collected on May 1, 2023 from the Outfall.

Conclusions/Recommendations

The OM&M activities for the GETS were completed as required at the Site during this reporting period. The system operated continuously throughout this reporting period, with the exception of shut-downs due to routine maintenance and equipment repairs/replacements.

Site groundwater monitoring was completed in April 2023. The second semi-annual groundwater monitoring event is planned for October 2023. Water table, potentiometric surface, and isoconcentration maps and a discussion on groundwater quality will be included in the 2023 Annual Report.

The first semi-annual sediment and stormwater monitoring for the Rain Garden (BRRTS #02-13-562649) was completed and no exceedances of the NR 720 RCL industrial direct contact for total PCBs were detected in the sediment samples and the water sample was reported below the laboratory method detection limits for PCBs. MKC will continue to monitor sediment and surface water on semi-annual basis.

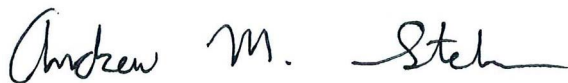
Based on the results of the January through June 2023 OM&M, the following work is planned for the remainder of the 2023 calendar year:

- GETS operation
- SVE evaluation/WDNR meeting
- GETS compliance monitoring
- Groundwater monitoring (October 2023)
- Annual report preparation
- Second semi-annual sampling event for the rain garden

If you have any questions or comments related to this report, please contact Andrew Stehn (608-807-8112) or Katherine Vater (608-826-3663) of TRC.

Sincerely,

TRC



Andrew Stehn, P.E.
Senior Project Engineer



Katherine Vater, P.E.
Project Manger

cc: Mahlek Hamdan – MKC (electronic)
Regional PCB Coordinator – U.S. EPA (electronic)

References

- TRC Environmental Corporation. 2018. Rain Garden – 2018 Sediment Monitoring (BRRTS #02-13-562649), Madison-Kipp Corporation, Madison, Wisconsin. December 4, 2018.
- 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 Annual Report – January 1, 2019 – December 31, 2019, Madison-Kipp Corporation Groundwater and Soil Vapor Extraction Treatment Systems. April 7, 2020.
- TRC Environmental Corporation. 2023. Operations. Monitoring, and Maintenance Annual Report – January 1, 2022 – December 31, 2022, Madison-Kipp Corporation Groundwater and Soil Vapor Extraction Treatment Systems. June 8, 2023.

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Table 1: Summary of Groundwater Extraction System Operation and Mass Removal - January - June 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⁾	Effluent Sample Results ⁽³⁾	Cumulative VOCs Removed ^{(1),(4)} (pounds)	Comments
					VOCs (µg/L)	VOCs (µg/L)		
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
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	1350.88	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	

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 6/30/2023

Checked By: M. Wagler 7/5/2023

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 January and June 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 on October 25, 2018 for evaluation purposes. Based on the shutdown, the GETS operation flow rate was adjusted to 40 GPM. During the January to June 2023 reporting period, the operation flow rate was adjusted to between 35 and 40 GPM.

Table 2: GETS WPDES Compliance Sample Results - January - June 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
Miscellaneous										
Total Suspended Solids	40	mg/L	0.53 J	<0.51	--	--	<1.9	<1.9	--	--
VOCs										
1,1,1-Trichloroethane	50	µg/L	--	--	<0.76	<0.38	--	--	<0.38	<0.38
1,1,2,2-Tetrachloroethane	50	µg/L	--	--	<0.80	<0.40	--	--	<0.40	<0.40
1,1,2-Trichloroethane	50	µg/L	--	--	<0.70	<0.35	--	--	<0.35	<0.35
1,1-Dichloroethene	50	µg/L	--	--	<0.78	<0.39	--	--	<0.39	<0.39
1,2-Dichloroethane	180	µg/L	--	--	<0.78	<0.39	--	--	<0.39	<0.39
Benzene	50	µg/L	--	--	<0.29	<0.15	--	--	<0.15	<0.15
Bromodichloromethane	120	µg/L	--	--	<0.74	<0.37	--	--	<0.37	<0.37
Bromoform	120	µg/L	--	--	<0.89	<0.45	--	--	<0.45	<0.45
Bromomethane	NE	µg/L	--	--	--	--	--	--	--	--
Carbon Tetrachloride	150	µg/L	--	--	<0.77	<0.38	--	--	<0.38	<0.38
cis-1,2-Dichloroethene	NE	µg/L	--	--	--	--	--	--	--	--
Chloromethane	NE	µg/L	--	--	<0.64	0.36	--	--	0.4	<0.32
Ethylbenzene	NE	µg/L	--	--	<0.37	<0.18	--	--	<0.18	<0.18
Tetrachloroethene	50	µg/L	--	--	1000	6.6	--	--	1200	5.7
Toluene	NE	µg/L	--	--	<0.30	<0.15	--	--	0.18	0.59
Total Xylenes	NE	µg/L	--	--	<0.80	<0.40	--	--	<0.40	<0.40
trans-1,2-Dichloroethene	NE	µg/L	--	--	--	--	--	--	--	--
Trichloroethene	50	µg/L	--	--	160	1.6	--	--	150	1.1
Vinyl Chloride	10	µg/L	--	--	<0.41	<0.20	--	--	0.7	<0.20
Total BTEX ⁽¹⁾	750	µg/L	--	--	<0.80	<0.40	--	--	0.18	0.59
Total VOCs (includes BTEX)	NE	µg/L	--	--	1160	8.56	--	--	1350.58	7.39
PAHs										
Benzo(a)anthracene	NE	µg/L	--	--	<0.0057	<0.0059	--	--	<0.015	<0.014
Benzo(a)pyrene	0.1	µg/L	--	--	<0.0032	<0.0033	--	--	<0.0028	<0.0026
Benzo(b)fluoranthene	NE	µg/L	--	--	<0.0045	<0.0046	--	--	<0.0041	<0.0038
Benzo(g,h,i)perylene	NE	µg/L	--	--	<0.0041	<0.0041	--	--	<0.0033	<0.0031
Benzo(k)fluoranthene	NE	µg/L	--	--	<0.0027	<0.0028	--	--	<0.0033	<0.0031
Chrysene	NE	µg/L	--	--	<0.0091	<0.0093	--	--	<0.0089	<0.0082
Dibenzo(a,h)anthracene	NE	µg/L	--	--	<0.0033	<0.0034	--	--	<0.0032	<0.0030
Fluoranthene	NE	µg/L	--	--	<0.0049	<0.0050	--	--	<0.0061	<0.0056
Indeno(1,2,3-cd)pyrene	NE	µg/L	--	--	<0.0038	<0.0038	--	--	<0.0034	<0.0032
Naphthalene	70	µg/L	--	--	<0.013	<0.013	--	--	<0.018	<0.017
Phenanthrene	NE	µg/L	--	--	<0.0076	<0.0078	--	--	<0.016	<0.015
Pyrene	NE	µg/L	--	--	<0.0054	<0.0055	--	--	<0.0080	<0.0073
PAHs Group of 10 Total ⁽²⁾	0.1	µg/L	--	--	<0.0091	<0.093	--	--	<0.016	<0.015

Notes:
< = 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.
H = Sample was prepped or analyzed beyond the specified holding time.
F1 = MS and/or MSD Recovery is outside acceptance limits.
* = ISTD response or retention time outside of acceptable limits.
M1 = Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
ND = Not Detected
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.

Updated By: M. Holicky 6/30/2023
Checked By: M. Wagler 7/5/2023

Table 3: GETS Gas Analytical Data - December 2022 - June 2023

**Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin**

Sample Date	12/13/2022		6/29/2023	
	Influent	Effluent	Influent	Effluent
Vinyl Chloride	<8.2	<4.9	<8.7	3.1
1,1-Dichloroethene	<8.2	<4.9	<8.7	<1.2
cis-1,2-Dichloroethene	360	730	700	250
Benzene	<8.2	<4.9	<8.7	<1.2
Trichloroethene	160	46	410	130
Toluene	<8.2	<4.9	<17	<2.4
Tetrachloroethene	1100	880	2800	380
Ethyl Benzene	<8.2	<4.9	<8.7	<1.2
m,p-Xylene	<8.2	<4.9	<17	<2.4
o-Xylene	<8.2	<4.9	<8.7	<1.2
1,3,5-Trimethylbenzene	<8.2	<4.9	<8.7	<1.2
1,2,4-Trimethylbenzene	<8.2	<4.9	<8.7	<1.2

Notes:

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 billion by volume

VOCs = Volatile Organic Compounds

Updated By: M. Holicky 6/30/2023

Checked by: M. Wagler 7/18/2023

Table 4: 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 4: 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 5: Groundwater Analytical Results Summary - October 2022 and April 2023
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-1 14 - 24 ft 10/24/2022	MW-1 ³ 14 - 24 ft 10/24/2022	MW-2D 39 - 44 ft 10/24/2022	MW-2D 39 - 44 ft 4/13/2023	MW-3S 19 - 29 ft 10/21/2022	MW-3D 48 - 53 ft 10/21/2022	MW-3D ³ 48 - 53 ft 10/21/2022	MW-3D 48 - 53 ft 4/12/2023	MW-3D ³ 48 - 53 ft 4/12/2023	MW-3D2 76 - 81 ft 10/21/2022	MW-3D2 76 - 81 ft 4/12/2023	MW-3D3 214 - 224 ft 10/21/2022	MW-4D2 91 - 96 ft 10/24/2022	MW-4D2 91 - 96 ft 4/12/2023	MW-5S 34 - 44 ft 10/20/2022	MW-5S 34 - 44 ft 4/13/2023	MW-5D 75 - 80 ft 10/20/2022	MW-5D 75 - 80 ft 4/13/2023	MW-5D2 165.8 - 170.8 ft 10/20/2022	MW-5D2 165.8 - 170.8 ft 4/13/2023
VOCs																						
1,1,1,2-Tetrachloroethane	7	70	< 0.36	< 0.36	NA	< 0.46	< 3.6	< 3.6	< 3.6	< 0.46	< 0.46	< 0.89	< 0.46	< 0.36	< 0.36	< 0.46	< 0.36	NA	< 0.89	< 0.46	< 14.2	< 4.6
1,1,1-Trichloroethane	40	200	< 0.30	< 0.30	< 0.30	< 0.38	< 3.0	< 3.0	< 3.0	< 0.38	< 0.38	< 0.76	< 0.38	< 0.30	< 0.30	< 0.38	< 0.30	NA	< 0.76	< 0.38	< 12.1	< 3.8
1,1,2-Trichloroethane	0.5	5	< 0.34	< 0.34	< 0.34	< 0.35	< 3.4	< 3.4	< 3.4	< 0.35	< 0.35	< 0.86	< 0.35	< 0.34	< 0.34	< 0.35	< 0.34	NA	< 0.86	< 0.35	< 13.8	< 3.5
1,1-Dichloroethene	0.7	7	< 0.58	< 0.58	< 0.58	< 0.39	< 5.8	< 5.8	< 5.8	< 0.39	< 0.39	< 1.5	0.43 J	< 0.58	< 0.58	< 0.39	< 0.58	NA	< 1.5	0.80 J	< 23.3	< 3.9
1,2,4-Trimethylbenzene	96	480	< 0.45	< 0.45	NA	< 0.36	< 4.5	< 4.5	< 4.5	< 0.36	< 0.73 U	< 1.1	< 0.36	< 0.45	< 0.45	< 0.36	< 0.45	NA	< 1.1	< 0.36	< 17.9	< 3.6
1,2-Dibromoethane	0.005	0.05	< 0.31	< 0.31	NA	< 0.39	< 3.1	< 3.1	< 3.1	< 0.39	< 0.39	< 0.77	< 0.39	< 0.31	< 0.31	< 0.39	< 0.31	NA	< 0.77	< 0.39	< 12.4	< 3.9
1,2-Dichlorobenzene	60	600	< 0.33	< 0.33	NA	< 0.33	< 3.3	< 3.3	< 3.3	< 0.33	< 0.33	< 0.81	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	NA	< 0.81	< 0.33	< 13.0	< 3.3
1,2-Dichloroethane	0.5	5	< 0.29	< 0.29	< 0.29	< 0.39	< 2.9	< 2.9	< 2.9	< 0.39	< 0.39	< 0.73	< 0.39	< 0.29	< 0.29	< 0.39	< 0.29	NA	< 0.73	< 0.39	< 11.7	< 3.9
1,2-Dichloropropane	0.5	5	< 0.45	< 0.45	NA	< 0.43	< 4.5	< 4.5	< 4.5	< 0.43	< 0.43	< 1.1	< 0.43	< 0.45	< 0.45	< 0.43	< 0.45	NA	< 1.1	< 0.43	< 17.9	< 4.3
1,2,3-Trichlorobenzene	NE	NE	< 1.0	< 1.0	NA	< 0.46 UJ	< 10.2	< 10.2	< 10.2	< 0.46 UJ	< 0.46	< 2.5	< 0.46 UJ	< 1.0	< 1.0	< 0.46 UJ	< 1.0	NA	< 2.5	< 0.46 UJ	< 40.7	< 4.6 UJ
1,2,4-Trichlorobenzene	14	70	< 0.95	< 0.95	NA	< 0.34 UJ	< 9.5	< 9.5	< 9.5	< 0.34 UJ	< 0.34	< 2.4	< 0.34 UJ	< 0.95	< 0.95	< 0.34 UJ	< 0.95	NA	< 2.4	< 0.34 UJ	< 38.0	< 3.4 UJ
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.36	NA	< 0.25	< 3.6	< 3.6	< 3.6	< 0.25	< 0.25	< 0.89	< 0.25	< 0.36	< 0.36	< 0.25	< 0.36	NA	< 0.89	< 0.25	< 14.3	< 2.5
2-Butanone	800	4000	< 6.5	< 6.5	< 6.5	< 2.1	< 65.2	< 65.2	< 65.2	< 2.1	< 2.1 UJ	< 16.3	< 2.1	< 6.5	< 6.5	< 2.1	< 6.5	NA	< 16.3	< 2.1	< 261	< 21
2-Hexanone	NE	NE	< 6.3	< 6.3	< 6.3	< 1.6	< 62.8	< 62.8	< 62.8	< 1.6	< 1.6 UJ	< 15.7	< 1.6	< 6.3	< 6.3	< 1.6	< 6.3	NA	< 15.7	< 1.6	< 251	< 16
4-Methyl-2-pentanone	50	500	< 6.0	< 6.0	< 6.0	< 2.2	< 59.5	< 59.5	< 59.5	< 2.2	< 2.2 UJ	< 14.9	< 2.2	< 6.0	< 6.0	< 2.2	< 6.0	NA	< 14.9	< 2.2	< 238	< 22
Acetone	1800	9000	< 8.6	< 8.6	< 8.6	< 2.6 U	< 86.4	< 86.4	< 86.4	< 3.1 U	2.9 J	< 21.6	< 2.8 U	< 8.6	< 8.6	< 2.6 U	< 8.6	NA	< 21.6	< 2.7 U	< 346	< 25 U
Benzene	0.5	5	< 0.30	< 0.30	< 0.30	< 0.15	< 3.0	< 3.0	< 3.0	< 0.15	< 0.15	< 0.74	< 0.15	< 0.30	< 0.30	< 0.15	< 0.30	NA	< 0.74	< 0.15	< 11.8	< 1.5
Bromodichloromethane	0.06	0.6	< 0.42	< 0.42	< 0.42	< 0.37	< 4.2	< 4.2	< 4.2	< 0.37	< 0.37	< 1.0	< 0.37	< 0.42	< 0.42	< 0.37	< 0.42	NA	< 1.0	< 0.37	< 16.6	< 3.7
Bromoform	0.44	4.4	< 3.8	< 3.8	< 3.8	< 0.48	< 38.0	< 38.0	< 38.0	< 0.48	< 0.48	< 9.5	< 0.48	< 3.8	< 3.8	< 0.48	< 3.8	NA	< 9.5	< 0.48	< 152	< 4.8
Bromomethane	1	10	< 1.2	< 1.2	< 1.2	< 0.80 UJ	< 11.9	< 11.9	< 11.9	< 0.80 UJ	< 0.80 UJ	< 3.0	< 0.80 UJ	< 1.2	< 1.2	< 0.80 UJ	< 1.2	NA	< 3.0	< 0.80 UJ	< 47.7	< 8.0 UJ
Carbon disulfide	200	1000	< 1.1	< 1.1	< 1.1	< 0.45	< 11.0	< 11.0	< 11.0	< 0.45	< 0.45	< 2.8	< 0.45	< 1.1	< 1.1	< 0.45	< 1.1	NA	< 2.8	< 0.45	< 44.1	< 4.5
Carbon tetrachloride	0.5	5	< 0.37	< 0.37	< 0.37	< 0.38	< 3.7	< 3.7	< 3.7	< 0.38	< 0.38	< 0.92	< 0.38	< 0.37	< 0.37	< 0.38	0.98 J	NA	< 0.92	0.40 J	< 14.8	< 3.8
Chloroethane	80	400	< 1.4	< 1.4	NA	< 0.51 UJ	< 13.8	< 13.8	< 13.8	< 0.51 UJ	< 0.51	< 3.4	< 0.51 UJ	< 1.4	< 1.4	< 0.51 UJ	< 1.4	NA	< 3.4	< 0.51 UJ	< 55.2	< 5.1 UJ
Chloroform	0.6	6	< 1.2	< 1.2	< 1.2	< 0.37	< 11.8	< 11.8	< 11.8	< 0.37	< 0.37	< 3.0	< 0.37	< 1.2	< 1.2	< 0.37	< 1.2	NA	< 3.0	< 0.37	< 47.3	< 3.7
Chloromethane	3	30	< 1.6	< 1.6	< 1.6	< 0.32	< 16.4	< 16.4	< 16.4	< 0.32	< 1.1 U	< 4.1	< 0.32	< 1.6	< 1.6	< 0.32	< 1.6	NA	< 4.1	< 0.32	< 65.4	< 3.2
cis-1,2-Dichloroethene	7	70	15.3	14.9	NA	< 0.41	8.5 J	28	29.3	21	25	1.2 J	1.0	< 0.47	< 0.47	< 0.41	< 0.47	NA	2.9	4.7	< 18.9	20
Dichlorodifluoromethane	200	1000	< 0.46	< 0.46	NA	< 0.67	< 4.6	< 4.6	< 4.6	< 0.67	< 0.67	< 1.1	< 0.67	< 0.46	< 0.46	< 0.67	< 0.46	NA	< 1.1	< 0.67	< 18.2	< 6.7
Ethylbenzene	140	700	< 0.33	< 0.33	< 0.33	< 0.18	< 3.3	< 3.3	< 3.3	< 0.18	< 0.18	< 0.81	< 0.18	< 0.33	< 0.33	< 0.18	< 0.33	NA	< 0.81	< 0.18	< 13.0	< 1.8
Isopropylbenzene	NE	NE	< 1.0	< 1.0	NA	< 0.39	< 10.0	< 10.0	< 10.0	< 0.39	< 0.39	< 2.5	< 0.39	< 1.0	< 1.0	< 0.39	< 1.0	NA	< 2.5	< 0.39	< 40.0	< 3.9
m,p-Xylene	400	2000	< 0.70	< 0.70	NA	< 0.18	< 7.0	< 7.0	< 7.0	< 0.18	< 0.18	< 1.8	< 0.18	NA	< 0.70	< 0.18	< 0.70	NA	< 1.8	< 0.18	< 28.0	< 1.8
Methyl tert-butyl ether	12	60	< 1.1	< 1.1	NA	< 0.39	< 11.3	< 11.3	< 11.3	< 0.39	< 0.39	< 2.8	< 0.39	< 1.1	< 1.1	< 0.39	< 1.1	NA	< 2.8	< 0.39	< 45.2	< 3.9
Methylene chloride	0.5	5	< 0.32	< 0.32	NA	< 1.6	< 3.2	< 3.2	< 3.2	< 1.6	< 1.7 U	< 0.80	< 1.6	< 0.32	< 0.32	< 1.6	< 0.32	NA	< 0.80	< 1.6	< 12.8	< 1.6
Naphthalene	10	100	< 1.1	< 1.1	NA	< 0.34 UJ	< 11.3	< 11.3	< 11.3	< 0.34 UJ	< 0.34	< 2.8	< 0.34 UJ	< 1.1	< 1.1	< 0.34 UJ	< 1.1	NA	< 2.8	< 0.34 UJ	< 45.2	< 3.4 UJ
n-Butylbenzene	NE	NE	< 0.86	< 0.86	NA	< 0.39	< 8.6	< 8.6	< 8.6	< 0.39	< 0.39	< 2.1	< 0.39	< 0.86	< 0.86	< 0.39	< 0.86	NA	< 2.1	< 0.39	< 34.3	< 3.9
n-Hexane	120	600	< 1.5	< 1.5	< 1.5	< 0.49	< 14.6	< 14.6	< 14.6	< 0.49	< 0.49	< 3.7	< 0.49	< 1.5	< 1.5	< 0.49	< 1.5	NA	< 3.7	< 0.49	< 58.5	< 4.9
n-Propylbenzene	NE	NE	< 0.35	< 0.35	NA	< 0.41	< 3.5	< 3.5	< 3.5	< 0.41	< 0.41	< 0.86	< 0.41	< 0.35	< 0.35	< 0.41	< 0.35	NA	< 0.86	< 0.41	< 13.8	< 4.1
o-Xylene	400	2000	< 0.35	< 0.35	NA	< 0.22	< 3.5	< 3.5	< 3.5	< 0.22	< 0.22	< 0.87	< 0.22	NA	< 0.35	< 0.22	< 0.35	NA	< 0.87	< 0.22	< 13.9	< 2.2
p-Isopropyltoluene	NE	NE	< 1.0	< 1.0	NA	< 0.36	< 10.4	< 10.4	< 10.4	< 0.36	< 0.36	< 2.6	< 0.36	< 1.0	< 1.0	< 0.36	< 1.0	NA	< 2.6	< 0.36	< 41.8	< 3.6
sec-Butylbenzene	NE	NE	< 0.42	< 0.42	NA	< 0.40	< 4.2	< 4.2	< 4.2	< 0.40	< 0.40	< 1.1	< 0.40	< 0.42	< 0.42	< 0.40	< 0.42	NA	< 1.1	< 0.40	< 17.0	< 4.0
Styrene	10	100	< 0.36	< 0.36	NA	< 0.39	< 3.6	< 3.6	< 3.6	< 0.39	< 0.39	< 0.89	< 0.39	< 0.36	< 0.36	< 0.39	< 0.36	NA	< 0.89	< 0.39	< 14.3	< 3.9
tert-Butylbenzene	NE	NE	< 0.59	< 0.59	NA	< 0.40	< 5.9	< 5.9	< 5.9	< 0.40	< 0.40	< 1.5	< 0.40	< 0.59	< 0.59	< 0.40	< 0.59	NA	< 1.5	< 0.40	< 23.4	< 4.0
Tetrachloroethene	0.5																					

Table 5: Groundwater Analytical Results Summary - October 2022 and April 2023
 Madison-Kipp Corporation
 Madison, Wisconsin

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-5D3 225 - 235 ft 10/20/2022	MW-5D3 225 - 235 ft 4/13/2023	MW-6S 31.4 - 41.4 ft 10/21/2022	MW-6D 65.5 - 70.5 ft 10/21/2022	MW-6D 65.5 - 70.5 ft 4/13/2023	MW-6D ³ 65.5 - 70.5 ft 4/13/2023	MW-9D 44 - 49 ft 10/19/2022	MW-9D2 64 - 69 ft 10/19/2022	MW-9D2 64 - 69 ft 4/11/2023	MP-13 44 - 48 ft 10/18/2022	MP-13 67 - 71 ft 10/18/2022	MP-13 81 - 85 ft 10/18/2022	MP-13 102 - 106 ft 10/18/2022	MP-13 121 - 125 ft 10/17/2022	MP-13 135 - 139 ft 10/17/2022	MP-13 163 - 167 ft 10/17/2022	MP-14 100 - 105 ft 10/18/2022	MP-14 135 - 140 ft 10/18/2022	MP-14 135 - 140 ft 4/10/2023	MP-14 170 - 178 ft 10/18/2022
VOCS																						
1,1,1,2-Tetrachloroethane	7	70	NA	< 0.46	< 0.36	< 0.36	< 2.3	< 2.3	< 0.36	< 1.8	< 0.46	< 0.89	< 0.36	< 1.4	< 3.6	< 1.8	< 14.2	< 0.89	< 0.36	< 0.36	< 0.46	< 7.1
1,1,1-Trichloroethane	40	200	< 0.30	< 0.38	< 0.30	< 0.30	< 1.9	< 1.9	< 0.30	< 1.5	< 0.38	< 0.76	< 0.30	< 1.2	< 3.0	< 1.5	< 12.1	< 0.76	< 0.30	< 0.30	< 0.38	< 6.1
1,1,2-Trichloroethane	0.5	5	< 0.34	< 0.35	< 0.34	< 0.34	< 1.8	< 1.8	< 0.34	< 1.7	< 0.35	< 0.86	< 0.34	< 1.4	< 3.4	< 1.7	< 13.8	< 0.86	< 0.34	< 0.34	< 0.35	< 6.9
1,1-Dichloroethene	0.7	7	< 0.58	0.45 J	< 0.58	< 0.58	< 2.0	< 2.0	< 0.58	< 2.9	< 0.39	< 1.5	< 0.58	< 2.3	< 5.8	< 2.9	< 23.3	< 1.5	< 0.58	< 0.58	< 0.39	< 11.6
1,2,4-Trimethylbenzene	96	480	NA	< 0.36	< 0.45	2.9	6.2	6.1	< 0.45	< 2.2	< 0.73 U	< 1.1	< 0.45	< 1.8	< 4.5	< 2.2	< 17.9	< 1.1	< 0.45	< 0.45	< 0.36	< 9.0
1,2-Dibromoethane	0.005	0.05	NA	< 0.39	< 0.31	< 0.31	< 1.9	< 1.9	< 0.31	< 1.5	< 0.39	< 0.77	< 0.31	< 1.2	< 3.1	< 1.5	< 12.4	< 0.77	< 0.31	< 0.31	< 0.39	< 6.2
1,2-Dichlorobenzene	60	600	NA	< 0.33	< 0.33	< 0.33	< 1.7	< 1.7	< 0.33	< 1.6	< 0.33	< 0.81	< 0.33	< 1.3	< 3.3	< 1.6	< 13.0	< 0.81	< 0.33	< 0.33	< 0.33	< 6.5
1,2-Dichloroethane	0.5	5	< 0.29	< 0.39	< 0.29	< 0.29	< 2.0	< 2.0	< 0.29	< 1.5	< 0.39	< 0.73	< 0.29	< 1.2	< 2.9	< 1.5	< 11.7	< 0.73	< 0.29	< 0.29	< 0.39	< 5.8
1,2-Dichloropropane	0.5	5	NA	< 0.43	< 0.45	< 0.45	< 2.1	< 2.1	< 0.45	< 0.45	< 0.43	< 1.1	< 0.45	< 1.8	< 4.5	< 2.2	< 17.9	< 1.1	< 0.45	< 0.45	< 0.43	< 9.0
1,2,3-Trichlorobenzene	NE	NE	NA	< 0.46 UJ	< 1.0	< 1.0	< 2.3	< 2.3	< 1.0	< 5.1	< 0.46	< 2.5	< 1.0	< 4.1	< 10.2	< 5.1	< 40.7	< 2.5	< 1.0	< 1.0	< 0.46 UJ	< 20.4
1,2,4-Trichlorobenzene	14	70	NA	< 0.34 UJ	< 0.95	< 0.95	< 1.7	< 1.7	< 0.95	< 4.8	< 0.34	< 2.4	< 0.95	< 3.8	< 9.5	< 4.8	< 38.0	< 2.4	< 0.95	< 0.95	< 0.34 UJ	< 19.0
1,3,5-Trimethylbenzene	96	480	NA	< 0.25	< 0.36	< 0.36	4.1 J	< 1.3	< 0.36	< 1.8	< 0.25	< 0.89	< 0.36	< 1.4	< 3.6	< 1.8	< 14.3	< 0.89	< 0.36	< 0.36	< 0.25	< 7.1
2-Butanone	800	4000	NA	< 2.1	< 6.5	< 6.5	< 11 UJ	< 11 UJ	< 6.5	< 32.6	< 2.1 UJ	< 16.3	< 6.5	< 26.1	< 65.2	< 32.6	< 261	< 16.3	< 6.5	< 6.5	< 2.1	< 130
2-Hexanone	NE	NE	< 6.3	< 1.6	< 6.3	< 6.3	< 7.8 UJ	< 7.8 UJ	< 6.3	< 31.4	< 1.6 UJ	< 15.7	< 6.3	< 25.1	< 62.8	< 31.4	< 251	< 15.7	< 6.3	< 6.3	< 1.6	< 126
4-Methyl-2-pentanone	50	500	NA	< 2.2	< 6.0	< 6.0	< 11 UJ	< 11 UJ	< 6.0	< 29.8	< 11 UJ	< 14.9	< 6.0	< 23.8	< 59.5	< 29.8	< 238	< 14.9	< 6.0	< 6.0	< 2.2	< 119
Acetone	1800	9000	NA	< 2.8 U	< 8.6	< 8.6	23 J	17 J	< 8.6	< 43.2	4.8 J	< 21.6	< 8.6	< 34.6	< 86.4	< 43.2	< 346	< 21.6	< 8.6	< 8.6	< 2.8 U	< 173
Benzene	0.5	5	< 0.30	< 0.15	< 0.30	246	370	380	< 0.30	< 1.5	0.15 J	< 0.74	< 0.30	< 1.2	< 3.0	< 1.5	< 11.8	< 0.74	< 0.30	< 0.30	< 0.15	< 5.9
Bromodichloromethane	0.06	0.6	< 0.42	< 0.37	< 0.42	< 0.42	< 1.9	< 1.9	< 0.42	< 2.1	< 0.37	< 1.0	< 0.42	< 1.7	< 4.2	< 2.1	< 16.6	< 1.0	< 0.42	< 0.42	< 0.37	< 8.3
Bromoform	0.44	4.4	< 3.8	< 0.48	< 3.8	< 3.8	< 2.4	< 2.4	< 3.8	< 19.0	< 0.48	< 9.5	< 3.8	< 15.2	< 38.0	< 19.0	< 152	< 9.5	< 3.8	< 3.8	< 0.48	< 76.0
Bromomethane	1	10	< 1.2	< 0.80 UJ	< 1.2	< 1.2	< 4.0 UJ	< 4.0 UJ	< 1.2	< 6.0	< 0.80 UJ	< 3.0	< 1.2	< 4.8	< 11.9	< 6.0	< 47.7	< 3.0	< 1.2	< 1.2	< 0.80 UJ	< 23.8
Carbon disulfide	200	1000	< 1.1	< 0.45	< 1.1	< 1.1	< 2.2	< 2.2	< 1.1	< 5.5	< 0.45	< 2.8	< 1.1	< 4.4	< 11.0	< 5.5	< 44.1	< 2.8	< 1.1	< 1.1	< 0.45	< 22.0
Carbon tetrachloride	0.5	5	< 0.37	< 0.38	< 0.37	< 0.37	< 1.9	< 1.9	< 0.37	< 1.8	< 0.38	< 0.92	< 0.37	< 1.5	< 3.7	< 1.8	< 14.8	< 0.92	< 0.37	< 0.37	< 0.38	< 7.4
Chloroethane	80	400	NA	< 0.51 UJ	< 1.4	< 1.4	< 2.5	< 2.5	< 1.4	< 6.9	< 0.51	< 3.4	< 1.4	< 5.5	< 13.8	< 6.9	< 55.2	< 3.4	< 1.4	< 1.4	< 0.51 UJ	< 27.6
Chloroform	0.6	6	< 1.2	< 0.37	< 1.2	8.4	< 1.9	< 1.9	< 1.2	< 5.9	< 0.37	< 3.0	< 1.2	< 4.7	< 11.8	< 5.9	< 47.3	< 3.0	< 1.2	< 1.2	< 0.37	< 23.7
Chloromethane	3	30	< 1.6	< 0.32	< 1.6	< 1.6	< 3.7 U	6.3	< 1.6	< 8.2	< 1.3 U	< 4.1	< 1.6	< 6.5	< 16.4	< 8.2	< 65.4	< 4.1	< 1.6	< 1.6	< 0.32	< 32.7
cis-1,2-Dichloroethene	7	70	NA	< 0.41	< 0.47	7	7.5	7.4	< 0.47	85.8	93	28	1.2	156	50.4	29.3	88.8	27.2	< 0.47	1.9	1.4	48.1
Dichlorodifluoromethane	200	1000	NA	< 0.67	< 0.46	< 0.46	< 3.4	< 3.4	< 0.46	< 2.3	< 0.67	< 1.1	< 0.46	< 1.8	< 4.6	< 2.3	< 18.2	< 1.1	< 0.46	< 0.46	< 0.67	< 9.1
Ethylbenzene	140	700	< 0.33	< 0.18	< 0.33	2.8	7.7	6.8	< 0.33	< 1.6	< 0.18	< 0.81	< 0.33	< 1.3	< 3.3	< 1.6	< 13.0	< 0.81	< 0.33	< 0.33	< 0.18	< 6.5
Isopropylbenzene	NE	NE	NA	< 0.39	< 1.0	19.6	26	24	< 1.0	< 5.0	< 0.39	< 2.5	< 1.0	< 4.0	< 10.0	< 5.0	< 40.0	< 2.5	< 1.0	< 1.0	< 0.39	< 20.0
m,p-Xylene	400	2000	NA	< 0.18	< 0.70	6.7	10	9.6	< 0.70	< 3.5	< 0.18	< 1.8	< 0.70	< 2.8	< 7.0	< 3.5	< 28.0	< 1.8	< 0.70	< 0.70	< 0.18	< 14.0
Methyl tert-butyl ether	12	60	NA	< 0.39	< 1.1	< 1.1	< 2.0	< 2.0	< 1.1	23.6 J	7.0	< 2.8	< 1.1	< 4.5	< 11.3	< 5.6	< 45.2	< 2.8	< 1.1	< 1.1	< 0.39	< 22.6
Methylene chloride	0.5	5	NA	< 1.6	< 0.32	< 0.32	< 8.2	< 8.2	< 0.32	< 1.6	< 1.6	< 0.80	< 0.32	< 1.3	< 3.2	< 1.6	< 12.8	< 0.80	< 0.32	< 0.32	< 1.6	< 6.4
Naphthalene	10	100	NA	< 0.34 UJ	< 1.1	< 1.1	3.0 J	2.8 J	< 1.1	< 5.6	< 0.34	< 2.8	< 1.1	< 4.5	< 11.3	< 5.6	< 45.2	< 2.8	< 1.1	< 1.1	< 0.34 UJ	< 22.6
n-Butylbenzene	NE	NE	NA	< 0.39	< 0.86	1.7	< 1.9	< 1.9	< 0.86	< 4.3	< 0.39	< 2.1	< 0.86	< 3.4	< 8.6	< 4.3	< 34.3	< 2.1	< 0.86	< 0.86	< 0.39	< 17.1
n-Hexane	120	600	< 1.5	< 0.49	< 1.5	1.8 J	< 2.5	< 2.5	< 1.5	< 7.3	< 0.49	< 3.7	< 1.5	< 5.8	< 14.6	< 7.3	< 58.5	< 3.7	< 1.5	< 1.5	< 0.49	< 29.2
n-Propylbenzene	NE	NE	NA	< 0.41	< 0.35	5.1	8.9	8.0	< 0.35	< 5.1	< 0.41	< 0.86	< 0.35	< 1.4	< 3.5	< 1.7	< 13.8	< 0.86	< 0.35	< 0.35	< 0.41	< 6.9
o-Xylene	400	2000	NA	< 0.22	< 0.35	0.50 J	< 1.1	< 1.1	< 0.35	< 1.7	< 0.22	< 0.87	< 0.35	< 1.4	< 3.5	< 1.7	< 13.9	< 0.87	< 0.35	< 0.35	< 0.22	< 7.0
p-Isopropyltoluene	NE	NE	NA	< 0.36	< 1.0	< 1.0	5.3	5.0	< 1.0	< 5.2	< 0.36	< 2.6	< 1.0	< 4.2	< 10.4	< 5.2	< 41.8	< 2.6	< 1.0	< 1.0	< 0.36	< 20.9
sec-Butylbenzene	NE	NE	NA	< 0.40	< 0.42	< 0.42	3.4 J	2.7 J	< 0.42	< 2.1	< 0.40	< 1.1	< 0.42	< 1.7	< 4.2	< 2.1	< 17.0	< 1.1	< 0.42	< 0.42	< 0.40	< 8.5
Styrene	10	100	NA	< 0.39	< 0.36	0.52 J	4.6 J	4.6 J	< 0.36	< 1.8	< 0.39	< 0.89	< 0.36	< 1.4	< 3.6	< 1.8	< 14.3	< 0.89	< 0.36	< 0.36	< 0.39	< 7.1
tert-Butylbenzene	NE	NE	NA	< 0.40	< 0.59	< 0.59	< 2.0	< 2.0	< 0.59	< 2.9	< 0.40	< 1.5	< 0.59	< 2.3	< 5.9	< 2.9	< 23.4	< 1.5	< 0.59	< 0.59	< 0.40	< 11.7
Tetrachloroethene																						

Table 5: Groundwater Analytical Results Summary - October 2022 and April 2023
Madison-Kipp Corporation
Madison, Wisconsin

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MP-15 88 - 92 ft 10/18/2022	MP-15 100 - 105 ft 10/18/2022	MP-15 120 - 125 ft 10/18/2022	MP-15 142 - 146 ft 10/18/2022	MP-15 177 - 187 ft 10/18/2022	MP-16 106 - 116 ft 10/18/2022	MP-16 140 - 144 ft 10/18/2022	MP-16 140 - 144 ft 4/10/2023	MP-16 175 - 179 ft 10/18/2022	MW-17 160 - 170 ft 10/21/2022	MW-17 ³ 160 - 170 ft 10/21/2022	MW-17 160 - 170 ft 4/13/2023	MW-25D 120 - 130 ft 10/19/2022	MW-25D2 160 - 170 ft 10/19/2022	MW-25D2 160 - 170 ft 4/11/2023	MW-27D 130 - 140 ft 10/20/2022	MW-27D 130 - 140 ft 4/11/2023	MW-27D2 170 - 180 ft 10/20/2022	MW-28 28 - 38 ft 10/24/2022	MW-28 ³ 28 - 38 ft 10/24/2022	MW-29S 24.6 - 34.4 ft 10/24/2022	MW-29D 45.2 - 50.2 ft 10/24/2022		
VOCs																											
1,1,1,2-Tetrachloroethane	7	70	< 1.8	< 1.8	< 3.6	< 7.1	< 0.36	< 0.36	< 0.36	< 0.36	< 0.46	< 0.36	< 3.6	< 1.8	< 0.46	< 0.36	< 0.36	< 0.46	< 0.36	< 0.46	< 0.36	< 0.36	< 3.6	< 7.1	NA	NA	
1,1,1-Trichloroethane	40	200	< 1.5	< 1.5	< 3.0	< 6.1	< 0.30	< 0.30	< 0.30	< 0.30	< 0.38	< 0.30	< 3.0	< 1.5	< 0.38	< 0.30	< 0.30	< 0.38	< 0.30	< 0.38	< 0.30	< 0.30	< 3.0	< 6.1	NA	NA	
1,1,2-Trichloroethane	0.5	5	< 1.7	< 1.7	< 3.4	< 6.9	< 0.34	< 0.34	< 0.34	< 0.34	< 0.35	< 0.34	< 3.4	< 1.7	< 0.35	< 0.34	< 0.34	< 0.35	< 0.34	< 0.35	< 0.34	< 0.34	< 3.4	< 6.9	NA	NA	
1,1-Dichloroethene	0.7	7	< 2.9	< 2.9	< 5.8	< 11.6	< 0.58	< 0.58	< 0.58	< 0.58	< 0.39	< 0.58	< 5.8	< 2.9	< 0.39	< 0.58	< 0.58	< 0.39	< 0.58	< 0.39	< 0.58	< 5.8	< 11.6	NA	NA		
1,2,4-Trimethylbenzene	96	480	< 2.2	< 2.2	< 4.5	< 9.0	< 0.45	< 0.45	< 0.45	< 0.45	< 0.36	< 0.45	< 4.5	< 2.2	< 0.73 U	< 0.45	< 0.45	< 0.74 U	< 0.45	< 0.73 U	< 0.45	< 4.5	< 9.0	NA	NA		
1,2-Dibromoethane	0.005	0.05	< 1.5	< 1.5	< 3.1	< 6.2	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.31	< 3.1	< 1.5	< 0.39	< 0.31	< 0.31	< 0.39	< 0.31	< 0.39	< 0.31	< 3.1	< 6.2	NA	NA		
1,2-Dichlorobenzene	60	600	< 1.6	< 1.6	< 3.3	< 6.5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 3.3	< 1.6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 3.3	< 6.5	NA	NA		
1,2-Dichloroethane	0.5	5	< 1.5	< 1.5	< 2.9	< 5.8	< 0.29	< 0.29	< 0.29	< 0.29	< 0.39	< 0.29	< 2.9	< 1.5	< 0.39	< 0.29	< 0.29	< 0.39	< 0.29	< 0.39	< 0.29	< 2.9	< 5.8	NA	NA		
1,2-Dichloropropane	0.5	5	< 2.2	< 2.2	< 4.5	< 9.0	< 0.45	< 0.45	< 0.45	< 0.45	< 0.43	< 0.45	< 4.5	< 2.2	< 0.43	< 0.45	< 0.45	< 0.43	< 0.45	< 0.43	< 0.45	< 4.5	< 9.0	NA	NA		
1,2,3-Trichlorobenzene	NE	NE	< 5.1	< 5.1	< 10.2	< 20.4	< 1.0	< 1.0	< 1.0	< 0.46 UJ	< 1.0	< 1.0	< 10.2	< 5.1	< 0.46	< 1.0	< 1.0	< 0.46	< 1.0	< 0.46	< 1.0	< 10.2	< 20.4	NA	NA		
1,2,4-Trichlorobenzene	14	70	< 4.8	< 4.8	< 9.5	< 19.0	< 0.95	< 0.95	< 0.95	< 0.95	< 0.34 UJ	< 0.95	< 9.5	< 4.8	< 0.34	< 0.95	< 0.95	< 0.34	< 0.95	< 0.34	< 0.95	< 9.5	< 19.0	NA	NA		
1,3,5-Trimethylbenzene	96	480	< 1.8	< 1.8	< 3.6	< 7.1	< 0.36	< 0.36	< 0.36	< 0.36	< 0.25	< 0.36	< 3.6	< 1.8	< 0.25	< 0.36	< 0.36	< 0.78 U	< 0.36	< 0.25	< 0.36	< 3.6	< 7.1	NA	NA		
2-Butanone	800	4000	< 32.6	< 32.6	< 65.2	< 130	< 6.5	< 6.5	< 6.5	< 6.5	< 2.1	< 6.5	< 65.2	< 32.6	< 2.1 UJ	< 6.5	< 6.5	< 2.1 UJ	< 6.5	< 2.1 UJ	< 6.5	< 65.2	< 130	NA	NA		
2-Hexanone	NE	NE	< 31.4	< 31.4	< 62.8	< 126	< 6.3	< 6.3	< 6.3	< 1.6	< 6.3	< 6.3	< 62.8	< 31.4	< 1.6 UJ	< 6.3	< 6.3	< 1.6 UJ	< 6.3	< 1.6 UJ	< 6.3	< 62.8	< 126	NA	NA		
4-Methyl-2-pentanone	50	500	< 29.8	< 29.8	< 59.5	< 119	< 6.0	< 6.0	< 6.0	< 2.2	< 6.0	< 6.0	< 59.5	< 29.8	< 2.2 UJ	< 6.0	< 6.0	< 2.2 UJ	< 6.0	< 2.2 UJ	< 6.0	< 59.5	< 119	NA	NA		
Acetone	1800	9000	< 43.2	< 43.2	< 86.4	< 173	< 8.6	< 8.6	< 8.6	< 4.4 U	< 8.6	< 8.6	< 86.4	< 43.2	1.9 J	< 8.6	< 8.6	3.3 J	< 8.6	2.7 J	< 8.6	< 86.4	< 173	NA	NA		
Benzene	0.5	5	< 1.5	< 1.5	< 3.0	< 5.9	< 0.30	< 0.30	< 0.30	< 0.30	0.19 J	< 0.30	< 3.0	< 1.5	< 0.15	< 0.30	< 0.30	< 0.15	< 0.30	< 0.15	< 0.30	< 3.0	< 5.9	NA	NA		
Bromodichloromethane	0.06	0.6	< 2.1	< 2.1	< 4.2	< 8.3	< 0.42	< 0.42	< 0.42	< 0.42	< 0.37	< 0.42	< 4.2	< 2.1	< 0.37	< 0.42	< 0.42	< 0.37	< 0.42	< 0.37	< 0.42	< 4.2	< 8.3	NA	NA		
Bromoform	0.44	4.4	< 19.0	< 19.0	< 38.0	< 76.0	< 3.8	< 3.8	< 3.8	< 3.8	< 0.48	< 3.8	< 38.0	< 19.0	< 0.48	< 3.8	< 3.8	< 0.48	< 3.8	< 0.48	< 3.8	< 38.0	< 76.0	NA	NA		
Bromomethane	1	10	< 6.0	< 6.0	< 11.9	< 23.8	< 1.2	< 1.2	< 1.2	< 1.2	< 0.80 UJ	< 1.2	< 11.9	< 6.0	< 0.80 UJ	< 1.2	< 1.2	< 0.80 UJ	< 1.2	< 0.80 UJ	< 1.2	< 11.9	< 23.8	NA	NA		
Carbon disulfide	200	1000	< 5.5	< 5.5	< 11.0	< 22.0	< 1.1	< 1.1	< 1.1	< 1.1	< 0.45	< 1.1	< 11.0	< 5.5	< 0.45	< 1.1	< 1.1	< 0.45	< 1.1	< 0.45	< 1.1	< 11.0	< 22.0	NA	NA		
Carbon tetrachloride	0.5	5	< 1.8	< 1.8	< 3.7	< 7.4	< 0.37	< 0.37	< 0.37	< 0.37	< 0.38	< 0.37	< 3.7	< 1.8	0.81 J	< 0.37	< 0.37	< 0.38	< 0.37	< 0.38	< 0.37	< 3.7	< 7.4	NA	NA		
Chloroethane	80	400	< 6.9	< 6.9	< 13.8	< 27.6	< 1.4	< 1.4	< 1.4	< 1.4	< 0.51 UJ	< 1.4	< 13.8	< 6.9	< 0.51	< 1.4	< 1.4	< 0.51	< 1.4	< 0.51	< 1.4	< 13.8	< 27.6	NA	NA		
Chloroform	0.6	6	< 5.9	< 5.9	< 11.8	< 23.7	< 1.2	< 1.2	< 1.2	< 1.2	< 0.37	< 1.2	< 11.8	< 5.9	< 1.0 U	< 1.2	< 1.2	< 0.37	< 1.2	< 0.37	< 1.2	< 11.8	< 23.7	NA	NA		
Chloromethane	3	30	< 8.2	< 8.2	< 16.4	< 32.7	< 1.6	< 1.6	< 1.6	< 1.6	< 0.32	< 1.6	< 16.4	< 8.2	< 0.55 U	< 1.6	< 1.6	< 1.3 U	< 1.6	< 0.55 U	< 1.6	< 16.4	< 32.7	NA	NA		
cis-1,2-Dichloroethene	7	70	31.2	36.3	34.7	97	< 0.47	4.6	2.5	2.0	< 0.47	8.3 J	6.9	9.8	< 0.47	< 0.47	< 0.41	< 0.47	< 0.41	< 0.47	6.1	< 4.7	< 9.4	NA	NA		
Dichlorodifluoromethane	200	1000	< 2.3	< 2.3	< 4.6	< 9.1	< 0.46	< 0.46	< 0.46	< 0.46	< 0.67	< 0.46	< 4.6	< 2.3	< 0.67	< 0.46	< 0.46	< 0.67	< 0.46	< 0.67	< 0.46	< 4.6	< 9.1	NA	NA		
Ethylbenzene	140	700	< 1.6	< 1.6	< 3.3	< 6.5	< 0.33	< 0.33	< 0.33	< 0.33	< 0.18	< 0.33	< 3.3	< 1.6	< 0.18	< 0.33	< 0.33	< 0.18	< 0.33	< 0.18	< 0.33	< 3.3	< 6.5	NA	NA		
Isopropylbenzene	NE	NE	< 5.0	< 5.0	< 10.0	< 20.0	< 1.0	< 1.0	< 1.0	< 0.39	< 1.0	< 1.0	< 10.0	< 5.0	< 0.39	< 1.0	< 1.0	< 0.39	< 1.0	< 0.39	< 1.0	< 10.0	< 20.0	NA	NA		
m,p-Xylene	400	2000	< 3.5	< 3.5	< 7.0	< 14.0	< 0.70	< 0.70	< 0.70	< 0.18	< 0.70	< 0.70	< 7.0	< 3.5	< 0.18	< 0.70	< 0.70	< 0.18	< 0.70	< 0.18	< 0.70	< 7.0	< 14.0	NA	NA		
Methyl tert-butyl ether	12	60	< 5.6	< 5.6	< 11.3	< 22.6	< 1.1	< 1.1	< 1.1	< 0.39	< 1.1	< 1.1	< 11.3	< 5.6	< 0.39	< 1.1	< 1.1	< 0.39	< 1.1	< 0.39	< 1.1	< 11.3	< 22.6	NA	NA		
Methylene chloride	0.5	5	< 1.6	< 1.6	< 3.2	< 6.4	< 0.32	< 0.32	< 0.32	< 1.6	< 0.32	< 0.32	< 3.2	< 1.6	< 1.6	< 0.32	< 0.32	< 1.7 U	< 0.32	< 1.7 U	< 0.32	< 3.2	< 6.4	NA	NA		
Naphthalene	10	100	< 5.6	< 5.6	< 11.3	< 22.6	< 1.1	< 1.1	< 1.1	< 0.34 UJ	< 1.1	< 1.1	< 11.3	< 5.6	< 0.34	< 1.1	< 1.1	< 0.34	< 1.1	< 0.34	< 1.1	< 11.3	< 22.6	NA	NA		
n-Butylbenzene	NE	NE	< 4.3	< 4.3	< 8.6	< 17.1	< 0.86	< 0.86	< 0.86	< 0.39	< 0.86	< 0.86	< 8.6	< 4.3	< 0.39	< 0.86	< 0.86	< 0.39	< 0.86	< 0.39	< 0.86	< 8.6	< 17.1	NA	NA		
n-Hexane	120	600	< 7.3	< 7.3	< 14.6	< 29.2	< 1.5	< 1.5	< 1.5	< 0.49	< 1.5	< 1.5	< 14.6	< 7.3	< 0.49	< 1.5	< 1.5	< 0.49	< 1.5	< 0.49	< 1.5	< 14.6	< 29.2	NA	NA		
n-Propylbenzene	NE	NE	< 1.7	< 1.7	< 3.5	< 6.9	< 0.35	< 0.35	< 0.35	< 0.41	< 0.35	< 0.35	< 3.5	< 1.7	< 0.41	< 0.35	< 0.35	< 0.41	< 0.35	< 0.41	< 0.35	< 3.5	< 6.9	NA	NA		
o-Xylene	400	2000	< 1.7	< 1.7	< 3.5	< 7.0	< 0.35	< 0.35	< 0.35	< 0.22	< 0.35																

Table 5: Groundwater Analytical Results Summary - October 2022 and April 2023
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 6/6/2023
Checked By: L. Auner 6/7/2023

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.

Table 6: Groundwater Elevations Summary - April 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	10.76	850.32
MW-02D	Upper Lone Rock	39-44	866.50	868.74	19.45	849.29
MW-02S	Unconsolidated	19-29	866.34	868.94	18.70	850.24
MW-03D	Upper Lone Rock	48-53	867.68	867.25	19.24	848.01
MW-03D2	Lower Lone Rock	76-81	867.58	867.39	20.35	847.04
MW-03D3	Lower Wonewoc/Upper Eau Claire	214-224	867.61	867.35	21.68	845.67
MW-03S	Unconsolidated	19-29	867.87	867.41	18.12	849.29
MW-04D	Upper Lone Rock	65-70	881.18	880.38	31.50	848.88
MW-04D2	Lower Lone Rock	91-96	880.36	880.20	31.66	848.54
MW-04S	Unconsolidated/ Upper Lone Rock	35-50	880.81	880.31	29.85	850.46
MW-05D	Lower Lone Rock	75-80	872.58	872.10	23.67	848.43
MW-05D2	Lower Wonewoc	165.8-170.8	872.59	872.20	26.48	845.72
MW-05D3	Lower Wonewoc/Upper Eau Claire	225-235	872.34	871.89	26.02	845.87
MW-05S	Upper Lone Rock	34-44	872.56	872.14	23.21	848.93
MW-06D	Upper Lone Rock	65.5-70.5	877.11	876.69	28.58	848.11
MW-06S	Unconsolidated/ Upper Lone Rock	31.4-41.4	877.20	876.69	28.04	848.65
MW-07	Unconsolidated	25-35	870.91	870.42	21.22	849.20
MW-08	Unconsolidated	24-34	867.69	866.78	16.98	849.80
MW-09D	Upper Lone Rock	44-49	855.80	855.47	8.39	847.08
MW-09D2	Lower Lone Rock	64-69	855.89	855.48	8.63	846.85
MW-10S	Unconsolidated	11-21	864.88	864.42	14.61	849.81
MW-11S	Unconsolidated	24-34	874.10	873.47	24.89	848.58
MW-12S	Unconsolidated	3-13	859.78	859.41	3.54	855.87
MW-17	Upper Wonewoc	160-170	877.26	876.65	31.11	845.54
MW-18S	Unconsolidated	20-30	867.89	867.24	17.84	849.40
MW-19D	Lower Lone Rock	60-90	867.44	866.75	19.38	847.37
MW-19D2	Upper Wonewoc	110-140	867.44	866.71	21.45	845.26
MW-20D	Lower Lone Rock	60-90	867.36	866.96	19.31	847.65
MW-20D2	Lower Lone Rock	110-140	867.36	867.04	21.52	845.52
MW-21D	Lower Lone Rock	60-90	867.77	867.49	19.48	848.01
MW-21D2	Upper Wonewoc	110-170	867.77	867.46	Abandoned	
MW-24	Upper Lone Rock	30-40	876.66	876.41	27.82	848.59
MW-25D	Upper Wonewoc	120-130	886.97	886.69	41.55	845.14
MW-25D2	Upper Wonewoc	160-170	886.97	886.68	41.62	845.06
MW-26S	Unconsolidated	6.85-16.85	857.51	856.61	5.01	851.60
MW-27D	Lower Wonewoc	130-140	862.96	862.65	16.34	846.31
MW-27D2	Lower Wonewoc	170-180	862.96	862.59	16.34	846.25
MW-28	Unconsolidated/ Upper Lone Rock	28-38	874.30	874.05	25.24	848.81
MW-29D	Upper Lone Rock	45-50	875.86	877.61	28.98	848.63
MW-29S	Unconsolidated	24-34	875.97	877.80	27.41	850.39
MP-13	Upper Lone Rock	44-48	864.49	863.99	14.98	849.01
MP-13	Lower Lone Rock	67-71	864.49	863.99	16.27	847.72
MP-13	Lower Lone Rock	81-85	864.49	863.99	17.08	846.91
MP-13	Upper Wonewoc	102-106	864.49	863.99	18.03	845.96
MP-13	Upper Wonewoc	121-125	864.49	863.99	18.09	845.90
MP-13	Upper Wonewoc	135-139	864.49	863.99	18.18	845.81
MP-13	Lower Wonewoc	163-167	864.49	863.99	18.16	845.83
MP-14	Lower Lone Rock	70-75	866.88	867.28	17.16	850.12
MP-14	Upper Wonewoc	100-105	866.88	867.28	19.89	847.39
MP-14	Upper Wonewoc	135-140	866.88	867.28	20.34	846.94
MP-14	Lower Wonewoc	170-178	866.88	867.28	20.64	846.64

Table 6: Groundwater Elevations Summary - April 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	8.19	847.31
MP-15	Upper Wonewoc	100-105	855.98	855.50	8.22	847.28
MP-15	Upper Wonewoc	120-125	855.98	855.50	8.22	847.28
MP-15	Lower Wonewoc	142-146	855.98	855.50	8.46	847.04
MP-15	Lower Wonewoc	177-187	855.98	855.50	8.50	847.00
MP-16	Lower Lone Rock	80-84	870.68	870.17	21.92	848.25
MP-16	Upper Wonewoc	106-116	870.68	870.17	23.67	846.50
MP-16	Upper Wonewoc	140-144	870.68	870.17	23.88	846.29
MP-16	Lower Wonewoc	175-179	870.68	870.17	24.21	845.96

Updated by: M. Holicky 7/11/2023

Checked by: M. Wagler 7/12/2023

Table 7: Storm Sewer System Sampling Analytical Results Summary - April 2022 - April 2023

**Madison-Kipp Corporation
201 Waubesa Street, Madison, Wisconsin**

Parameter	Unit ⁽²⁾	NR 720 RCL Industrial Direct Contact ⁽¹⁾	MH-1A			Outfall Sample ⁽³⁾		
			MH-1A (042922)	MH-1A (102422)	MH-1A (041923)	Outfall 042922	Outfall- S-102422	Outfall- 041923-S
Sample ID	--	--	MH-1A (042922)	MH-1A (102422)	MH-1A (041923)	Outfall 042922	Outfall- S-102422	Outfall- 041923-S
Sample Date	--	--	4/29/2022	10/24/2022	4/19/2023	4/29/2022	10/24/2022	4/19/2023
Matrix	--	--	Soil	Soil	Soil	Soil	Soil	Soil
PCB-1016	mg/kg	28	<0.0056	<0.0177	<0.0095	<0.0070	<0.0202	<0.0092
PCB-1221	mg/kg	0.883	<0.0080	<0.0177	<0.0095	<0.010	<0.0202	<0.0092
PCB-1232	mg/kg	0.792	<0.0053	<0.0177	<0.0065	<0.0067	<0.0202	<0.0063
PCB-1242	mg/kg	0.972	<0.011	0.119	<0.0094	<0.014	0.234	<0.0091
PCB-1248	mg/kg	0.975	0.37	<0.0177	0.068	0.59	<0.0202	0.290
PCB-1254	mg/kg	0.988	<0.0088	<0.0177	<0.0082	<0.011	<0.0202	<0.0079
PCB-1260	mg/kg	1	<0.0086	<0.0177	<0.0091	<0.011	<0.0202	<0.0088
Total PCBs	mg/kg	0.967	0.37	0.119	0.068	0.59	0.234	0.290

Notes:

< = 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

Updated by: M. Holicky 5/9/2023

Checked by: A. Stehn 5/23/2023

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 8: Storm Sewer System Water Sampling Analytical Results Summary - April 2022 - April 2023

**Madison-Kipp Corporation
201 Waubesa Street, Madison, Wisconsin**

Parameter	Unit ⁽²⁾	NR 140 Enforcement Standard ⁽¹⁾	NR 140 Preventive Action Limit ⁽¹⁾	Outfall Sample ⁽³⁾		
				042922-W	OUTFALL-W-102422	OUTFALL (050123)-W
Sample ID	--	--	--	042922-W	OUTFALL-W-102422	OUTFALL (050123)-W
Sample Date	--	--	--	4/29/2022	10/24/2022	5/1/2023
Matrix	--	--	--	Water	Water	Water
PCB-1016	µg/L	--	--	<0.0072	<0.25	<0.0048
PCB-1221	µg/L	--	--	<0.026	<0.25	<0.0057
PCB-1232	µg/L	--	--	<0.0042	<0.25	<0.0052
PCB-1242	µg/L	--	--	<0.013	<0.25	<0.0036
PCB-1248	µg/L	--	--	<0.011	<0.25	<0.0080
PCB-1254	µg/L	--	--	<0.010	<0.25	<0.0046
PCB-1260	µg/L	--	--	<0.012	<0.25	<0.0039
Total PCBs	µg/L	0.03	0.003	<0.026	<0.25	<0.0080

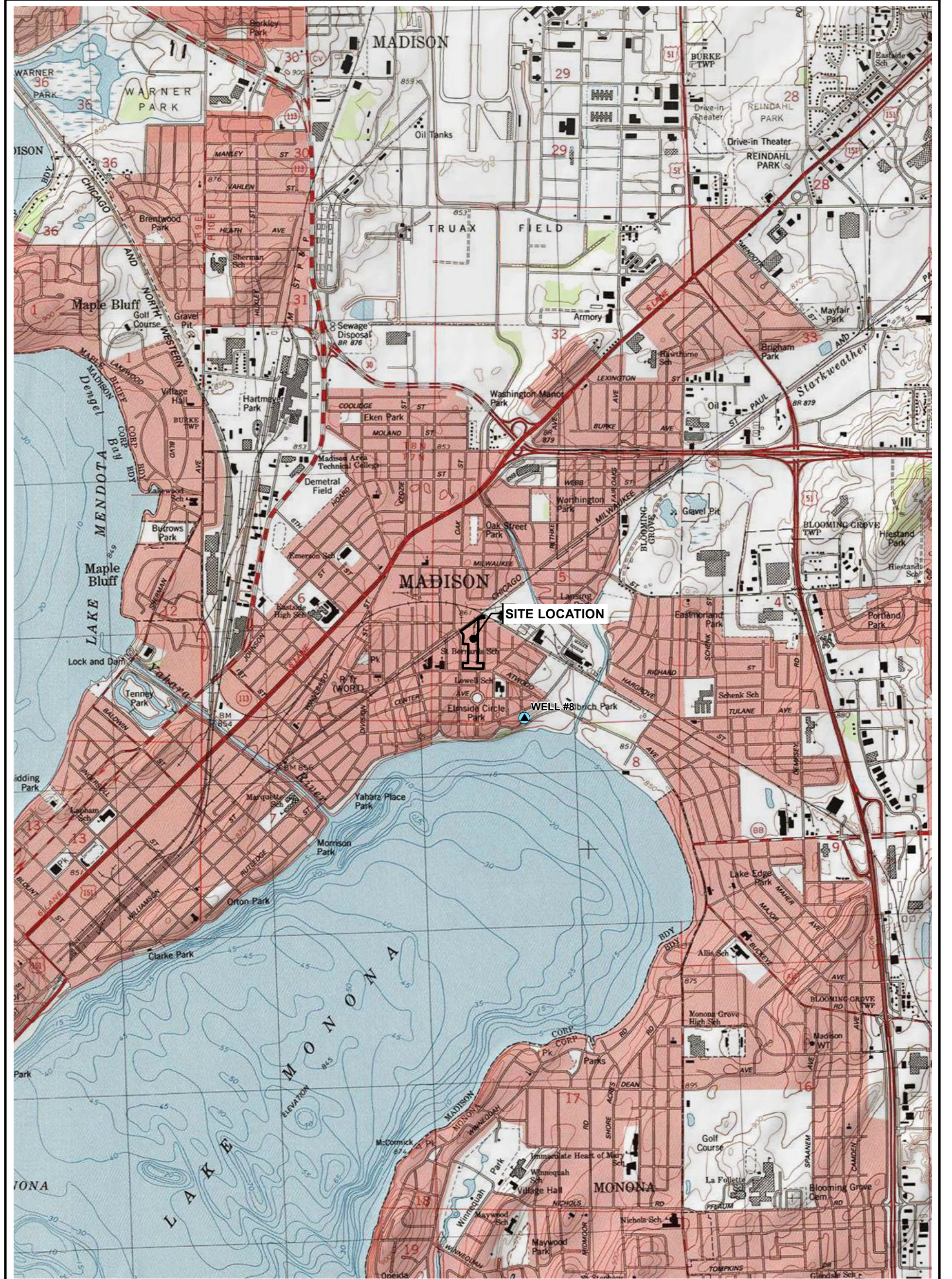
Notes:

< = Less than the laboratory limit of detection
 µg/L = micrograms per liter
 PCBs = Polychlorinated Biphenyls
 Bold and Italics = WDNR NR 140 Exceedance


Updated by: M. Holicky 5/9/2023
 Checked by: B. Wachholz 5/22/2023

Footnotes:

- (1) The total PCBs are compared to the WDNR NR 140 Public Health Groundwater Quality Standards (June 2021).
- (2) Samples are reported in µg/L unless otherwise noted.
- (3) Sample collected from the rain garden near the storm sewer outfall pipe that discharges into the rain garden.



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

 SITE PROPERTY BOUNDARY  MUNICIPAL SUPPLY WELL	 1" = 2,000' 1:24,000 
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999 Fourier Drive
 Suite 101
 Madison, WI 53717
 Phone: 608.826.3663



PROJECT:	MADISON-KIPP CORPORATION 201 WAUBESA STREET MADISON, WISCONSIN
TITLE:	SITE LOCATION MAP




DRAWN BY:	A. FOJTIK
CHECKED BY:	A. STEHN
APPROVED BY:	K. VATER
DATE:	AUGUST 2023
PROJ. NO.:	525152
FILE:	525152-017.mxd

FIGURE 1



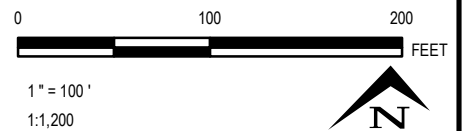
LEGEND

-  SITE PROPERTY 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, 06/2022.
2. PARCEL INFORMATION FROM WISCONSIN STATE CARTOGRAPHER'S OFFICE, 2018




999 Fourier Drive
 Suite 101
 Madison, WI 53717
 Phone: 608.826.3663

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:	A. STEHN
APPROVED BY:	K. VATER
DATE:	AUGUST 2023
PROJ. NO.:	525152
FILE:	525152-019.mxd
FIGURE 3	

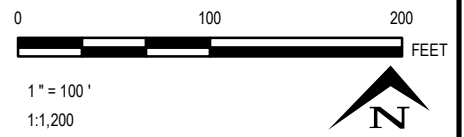


NOTES

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. BASEMAP FROM NEARMAP, APRIL 2, 2021.

LEGEND

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



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

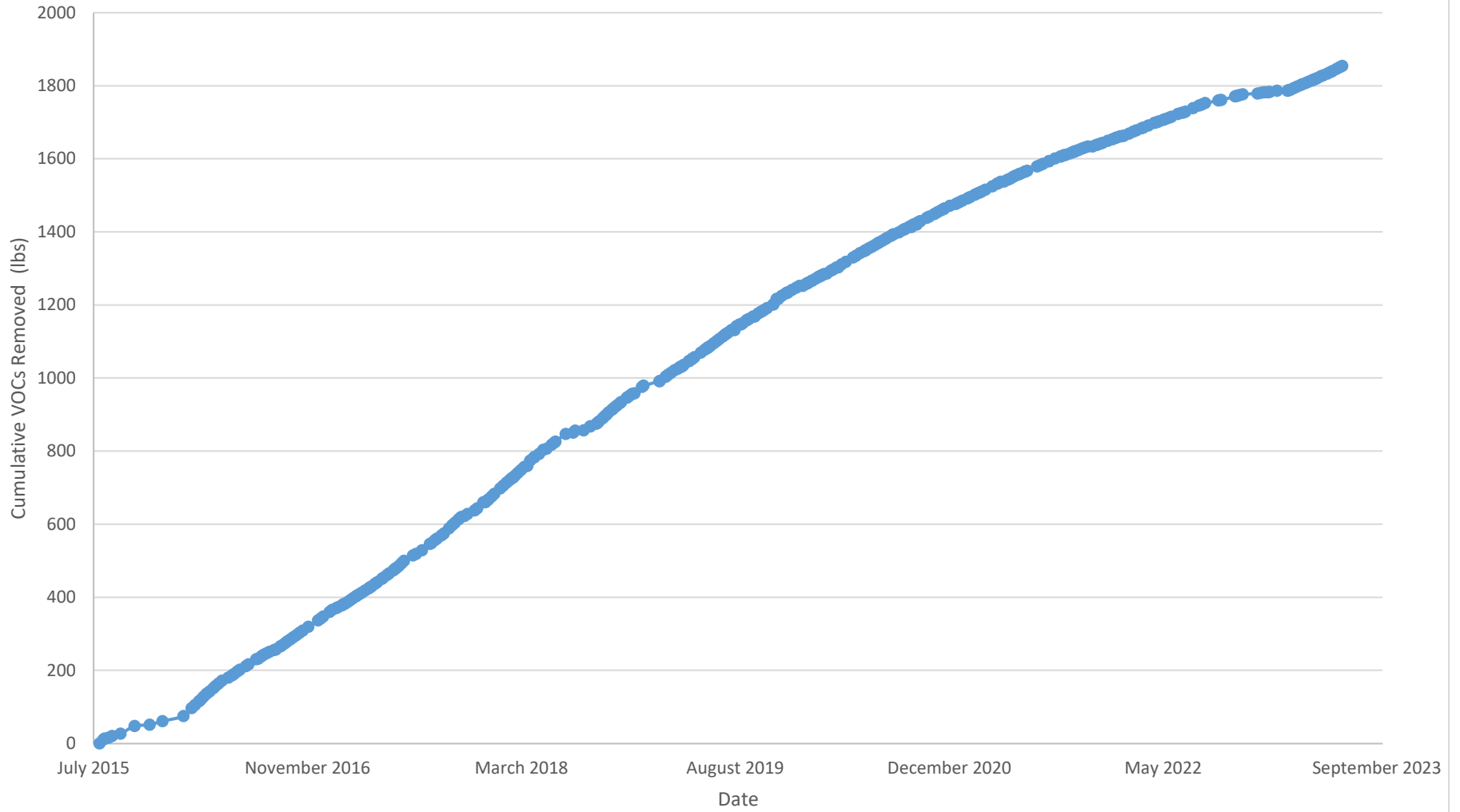
TITLE: RAIN GARDEN SITE MAP AND
 STORM SEWER INFRASTRUCTURE

DRAWN BY:	A. FOJTIK
CHECKED BY:	A. STEHN
APPROVED BY:	K. VATER
DATE:	AUGUST 2023
PROJ. NO.:	525152
FILE:	525152-021.mxd

FIGURE 4

Attachment 1
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.3
MW-5D2
Tetrachloroethene (PCE) Concentration
Madison Kipp Corporation
201 Waubesa Street
Madison, WI



Attachment 2

**Remediation Site Operation, Maintenance, Monitoring, and
Optimization Report Form 4400-194**

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:

- 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.
- 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.
- 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.
- 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>.
- 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: 01/01/2023	To: 06/30/2023	Days in period: 181
--------------------------------------	----------------	---------------------

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

5. Site location

Region South Central Region	County Dane	Address 201 Waubesa Street
Municipality name <input checked="" type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village Madison	Township 07 N	Range <input checked="" type="radio"/> E <input type="radio"/> W 10
	Section 5	¼ ¼ SW NW

6. Responsible party Name Mahlek Hamdan	7. Consultant <input type="checkbox"/> 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) 242-5207	Mailing address 999 Fourier Dr. STE 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): 0.08 - 13.2	11. Average linear velocity of groundwater (ft/yr) 0.5 - 12.9
--	--

Site name: Madison-Kipp Corporation
 Reporting period from: 01/01/2023 To: 06/30/2023
 Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 06/20)

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

If yes, give location: Region		County				
Municipality name <input type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village		Township N	Range <input type="radio"/> E <input type="radio"/> 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 attenuation), 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 currently being evaluated for continued operation. The system as approved by the WDNR was shutdown in October 2018, and soil gas is being monitored at the site. The GETS system pump rate was adjusted to between 35 and 40 gpm during the SVE shutdown period. In addition an evaluation of scaling in the effluent process line is being complete to further assess high pressure in the system.
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.

Site name: Madison-Kipp Corporation
Reporting period from: 01/01/2023 To: 06/30/2023
Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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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: _____

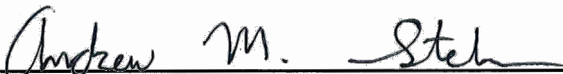
7. If closure is anticipated within 12 months, estimated costs for project closeout: _____

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 Andrew M. Stehn	Title Senior Project Engineer
Signature 	Date August 9, 2023

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

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023

To: 06/30/2023

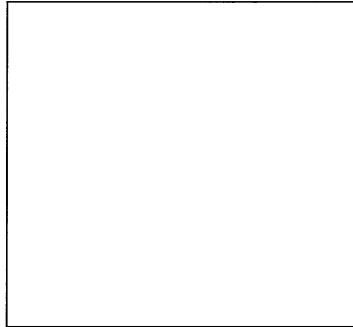
Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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Professional Seal(s), if applicable:



Site name: Madison-Kipp Corporation
Reporting period from: 01/01/2023 To: 06/30/2023
Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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

A. Groundwater Extraction System Operation:

- Total number of groundwater extraction wells or trenches available: 1 and the number in use during period: 1
- Number of days of operation (only list the number of days the system actually operated, if unknown explain:
132 days)
- System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:
73%. The GETS was on for 132 days. It was off due to routine maintenance and operational issues with transfer pumps P-103 and P-210.
- Quantity of groundwater extracted during this time period: 7,613,975 gallons
- Average groundwater extraction rate: 29 gpm
- Quantity of dissolved phase contaminants removed during this time period in pounds: 73 lbs

B. Free Product Recovery System Operation

- Is free product (nonaqueous phase liquid) being recovered at this site? Yes No
If yes, explain:
- Quantity of free product extracted during this time period (enter none if none): _____ gallons
- Average free product extraction rate: _____ gpm

C. System Effectiveness Evaluation

- Is a contaminated groundwater plume fully contained in the capture zone? Yes No
If no, explain:
- If free product is present, is the free product fully contained in capture zone? Yes No
If no, explain:
- If free product is present in any wells at the site, but free product was not recovered during reporting period, explain:
- 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.
 - Contaminant: Tetrachlorethene
 - Percent reduction necessary to reach ch. NR 140 ES and PAL: 99 %
 - Maximum contaminant concentration level in any monitoring well of that contaminant: 4,300 µg/L
 - Maximum contaminant concentration level in any extraction well of that contaminant: 1,200 µg/L

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023

To: 06/30/2023

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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- e. If the maximum concentration in a monitoring well is more than 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.

N/A

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.
- 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.
 - Graph of contaminant concentrations versus time for the monitoring well with the greatest level of contamination.
- Groundwater contaminant chemistry table.
- Groundwater elevations table.
- System operational data table.

Site name: Madison-Kipp Corporation
Reporting period from: 01/01/2023 To: 06/30/2023
Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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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.

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023 To: 06/30/2023

Days in period: 181

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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.

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023 To: 06/30/2023

Days in period: 181

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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.

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023 To: 06/30/2023

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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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: 20.17 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:

- o Drill confirmation borings during the next reporting period, if the entire site should be considered for closure.
- o 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.

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023 To: 06/30/2023

Days in period: 181

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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): _____ $\mu\text{g}/\text{kg}$

b. Specific compounds ($\mu\text{g}/\text{kg}$):

- i. Benzene: _____ $\mu\text{g}/\text{kg}$
- ii. 1,2 Dichloroethane: _____ $\mu\text{g}/\text{kg}$
- iii. Ethylbenzene: _____ $\mu\text{g}/\text{kg}$
- iv. Toluene: _____ $\mu\text{g}/\text{kg}$
- v. Total xylenes: _____ $\mu\text{g}/\text{kg}$

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.

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023 To: 06/30/2023

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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.

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023 To: 06/30/2023

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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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.

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023 To: 06/30/2023

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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: _____ $\mu\text{g}/\text{kg}$

b. Specific compounds ($\mu\text{g}/\text{kg}$):

i. Benzene: _____ $\mu\text{g}/\text{kg}$

ii. 1,2 Dichloroethane: _____ $\mu\text{g}/\text{kg}$

iii. Ethylbenzene: _____ $\mu\text{g}/\text{kg}$

iv. Toluene: _____ $\mu\text{g}/\text{kg}$

v. Total xylenes: _____ $\mu\text{g}/\text{kg}$

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.

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023

To: 06/30/2023

Days in period: 181

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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, collection tanks, tanker truck loading system or sanitary sewer discharge piping.		
Access Road Cover Mowing; Tall Vegetation Removal	Ponding, rutting, erosion, cracked or damaged pavement. Mowing and tall vegetation removal done to specified vegetation.		

Summary of Deficiencies and/or Corrective Actions:

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2023 To: 06/30/2023

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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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.

Attachment 3
June 2023 WPDES DMR Submittals

Wastewater Discharge Monitoring Long Report

For DNR Use Only

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: 06/01/2023 - 06/30/2023
 Form Due Date: 07/21/2023
 Permit Number: 0046566

Date Received:
 DOC: 519808
 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 OCCURANCE
Sample Results	Day 1	54832	
	2	54720	
	3	54720	
	4	54720	
	5	54720	
	6	54150	<1.9
	7	54720	
	8	54720	
	9	54720	
	10	54720	
	11	54720	
	12	54720	
	13	54720	
	14	54720	
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	28	54720	
	29	54720	
	30	54720	
	31		

	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	54704.7333333333		0	
	Daily Max	54832		<1.9	
	Daily Min	54150		<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

Flow rate maintained at 38 gpm as high pressure issue in discharge line is investigated.

Laboratory Quality Control Comments

Submitted by bwachholz1 on 07/18/2023 9:54:11 AM

Wastewater Discharge Monitoring Short Report

For DNR Use Only

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 : 04/01/2023 - 06/30/2023
 Form Due Date : 07/21/2023
 Permit Number : **0046566**

Date Received:	
DOC:	519303
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	06/06/2023	GRAB	<0.15	ug/L	Monthly Avg	50(0)	0.15	0.50	N	999580010
001	54	BETX, Total	06/06/2023	GRAB	0.59	ug/L	Monthly Avg	750(0)			N	999580010
001	393	PAHs	06/06/2023	GRAB	<0.015	ug/L	Monthly Avg	0.10(0)			N	399140830
001	44	Benzo(a)pyrene	06/06/2023	GRAB	<0.0026	ug/L	Monthly Avg	0.10(0)	0.0026	0.020	N	399140830
001	307	Naphthalene	06/06/2023	GRAB	<0.017	ug/L	Monthly Avg	70(0)	0.017	0.020	N	399140830
001	80	Bromoform	06/06/2023	GRAB	<0.45	ug/L	Monthly Avg	120(0)	0.45	1.0	N	999580010
001	93	Carbon tetrachloride	06/06/2023	GRAB	<0.38	ug/L		*****	0.38	1.0	N	999580010
001	118	Chloroform	06/06/2023	GRAB	<0.37	ug/L	Monthly Avg	120(0)	0.37	2.0	N	999580010
001	174	Dichlorobromo- methane (bromo-	06/06/2023	GRAB	<0.37	ug/L	Monthly Avg	120(0)	0.37	1.0	N	999580010
001	570	1,2-Dichloro- ethane	06/06/2023	GRAB	<0.39	ug/L	Monthly Avg	180(0)	0.39	1.0	N	999580010
001	558	1,1-Dichloro- ethylene	06/06/2023	GRAB	<0.39	ug/L	Monthly Avg	50(0)	0.39	1.0	N	999580010
001	82	Methyl bromide	06/06/2023	GRAB	<0.65	ug/L	Monthly Avg	120(0)	0.65	3.0	N	999580010
001	120	Chloromethane	06/06/2023	GRAB	<0.32	ug/L	Monthly Avg	120(0)	0.32	5.0	N	999580010
001	565	1,1,2,2-Tetrachloro- ethane	06/06/2023	GRAB	<0.40	ug/L	Monthly Avg	50(0)	0.40	1.0	N	999580010
001	490	Tetrachloroethylene	06/06/2023	GRAB	5.7	ug/L	Monthly Avg	50(0)	0.37	1.0	N	999580010
001	563	1,1,2-Trichloro- ethane	06/06/2023	GRAB	<0.35	ug/L	Monthly Avg	50(0)	0.35	1.0	N	999580010
001	561	1,1,1-Trichloro- ethane	06/06/2023	GRAB	<0.38	ug/L	Monthly Avg	50(0)	0.38	1.0	N	999580010
001	508	Trichloro- ethylene	06/06/2023	GRAB	1.1	ug/L	Monthly Avg	50(0)	0.16	0.50	N	999580010
001	517	Vinyl chloride	06/06/2023	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

No PAH Group of 10 parameters were reported above the laboratory LOD. The parameter with the highest detection limit was reported.

Laboratory Quality Control Comments

Submitted by astehn on 07/18/2023 9:09:05 PM

Attachment 4

Quarterly GETS Influent and Effluent Groundwater and Vapor Laboratory Analytical Reports

February 27, 2023

Andrew Stehn
TRC Madison
708 Heartland Trail
Madison, WI 53717

RE: Project: MKC GETS 525152 PHASE 2 TASK 2
Pace Project No.: 40258548

Dear Andrew Stehn:

Enclosed are the analytical results for sample(s) received by the laboratory on February 22, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tod Noltemeyer
tod.noltemeyer@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Wes Braga, TRC
Peggy Popp, TRC - Madison
Ben Wachholz, TRC Madison



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: MKC GETS 525152 PHASE 2 TASK 2

Pace Project No.: 40258548

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: MKC GETS 525152 PHASE 2 TASK 2

Pace Project No.: 40258548

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40258548001	INFLUENT	Water	02/21/23 14:35	02/22/23 09:25
40258548002	EFFLUENT	Water	02/21/23 14:40	02/22/23 09:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: MKC GETS 525152 PHASE 2 TASK 2
Pace Project No.: 40258548

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40258548001	INFLUENT	SM 2540D	HNT	1
40258548002	EFFLUENT	SM 2540D	HNT	1

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: MKC GETS 525152 PHASE 2 TASK 2
Pace Project No.: 40258548

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40258548001	INFLUENT					
SM 2540D	Total Suspended Solids	0.53J	mg/L	1.1	02/23/23 10:55	PP,T3

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: MKC GETS 525152 PHASE 2 TASK 2

Pace Project No.: 40258548

Method: SM 2540D

Description: 2540D Total Suspended Solids

Client: TRC - MADISON

Date: February 27, 2023

General Information:

2 samples were analyzed for SM 2540D by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 438503

PP: The mass of dried residue obtained did not meet the test method requirements based on volume used.

- EFFLUENT (Lab ID: 40258548002)
 - Total Suspended Solids
- INFLUENT (Lab ID: 40258548001)
 - Total Suspended Solids

T3: Insufficient sample received from client to perform the analysis per EPA method requirements.

- EFFLUENT (Lab ID: 40258548002)
 - Total Suspended Solids
- INFLUENT (Lab ID: 40258548001)
 - Total Suspended Solids

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MKC GETS 525152 PHASE 2 TASK 2

Pace Project No.: 40258548

Sample: INFLUENT **Lab ID: 40258548001** Collected: 02/21/23 14:35 Received: 02/22/23 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids									
Analytical Method: SM 2540D Pace Analytical Services - Green Bay									
Total Suspended Solids	0.53J	mg/L	1.1	0.50	1		02/23/23 10:55		PP,T3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MKC GETS 525152 PHASE 2 TASK 2

Pace Project No.: 40258548

Sample: EFFLUENT **Lab ID: 40258548002** Collected: 02/21/23 14:40 Received: 02/22/23 09:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids									
Analytical Method: SM 2540D									
Pace Analytical Services - Green Bay									
Total Suspended Solids	<0.51	mg/L	1.1	0.51	1		02/23/23 10:55		PP,T3

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MKC GETS 525152 PHASE 2 TASK 2

Pace Project No.: 40258548

QC Batch: 438503	Analysis Method: SM 2540D
QC Batch Method: SM 2540D	Analysis Description: 2540D Total Suspended Solids
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40258548001, 40258548002

METHOD BLANK: 2519759 Matrix: Water

Associated Lab Samples: 40258548001, 40258548002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	<0.48	1.0	02/23/23 10:54	

LABORATORY CONTROL SAMPLE: 2519760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	96.0	96	80-120	

SAMPLE DUPLICATE: 2519761

Parameter	Units	40258566001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	16.4	16.8	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: MKC GETS 525152 PHASE 2 TASK 2

Pace Project No.: 40258548

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

PP The mass of dried residue obtained did not meet the test method requirements based on volume used.

T3 Insufficient sample received from client to perform the analysis per EPA method requirements.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MKC GETS 525152 PHASE 2 TASK 2
Pace Project No.: 40258548

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40258548001	INFLUENT	SM 2540D	438503		
40258548002	EFFLUENT	SM 2540D	438503		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: TRC

WO# : 40258548

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____



Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used SR - 128 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 0.5 / Corr: 0.5

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 02/22/2023 Initials: MJC
 Labeled By Initials: YJA

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix. <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample log



ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/28/2023 11:36:02 PM

JOB DESCRIPTION

MadisonKipp - GETS

JOB NUMBER

500-230368-1

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

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

Authorization



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Case Narrative

Client: TRC Environmental Corporation
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

Job ID: 500-230368-1

Laboratory: Eurofins Chicago

Narrative

**Job Narrative
500-230368-1**

Receipt

The samples were received on 3/8/2023 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C

GC/MS VOA

Method 624.1: The following sample was diluted to bring the concentration of target analytes within the calibration range: Influent (500-230368-1). Elevated reporting limits (RLs) are provided.

Method 624.1: The continuing calibration verification (CCV) associated with batch 500-702195 recovered above the upper control limit for Ethyl bromide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: Influent (500-230368-1), Effluent (500-230368-2) and Trip Blank (500-230368-3).

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 method blank for preparation batch 200-189233 contained Phenanthrene above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

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 - GETS

Job ID: 500-230368-1

Client Sample ID: Influent

Lab Sample ID: 500-230368-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	160		1.0	0.33	ug/L	2		624.1	Total/NA
Tetrachloroethene - DL	1000		20	7.4	ug/L	20		624.1	Total/NA

Client Sample ID: Effluent

Lab Sample ID: 500-230368-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.36	J	1.0	0.32	ug/L	1		624.1	Total/NA
Tetrachloroethene	6.6		1.0	0.37	ug/L	1		624.1	Total/NA
Trichloroethene	1.6		0.50	0.16	ug/L	1		624.1	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-230368-3

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

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
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-230368-1	Influent	Water	03/07/23 15:10	03/08/23 10:00
500-230368-2	Effluent	Water	03/07/23 15:00	03/08/23 10:00
500-230368-3	Trip Blank	Water	03/07/23 00:00	03/08/23 10:00

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

Client Sample ID: Influent

Lab Sample ID: 500-230368-1

Date Collected: 03/07/23 15:10

Matrix: Water

Date Received: 03/08/23 10:00

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.29		1.0	0.29	ug/L			03/13/23 18:18	2
Bromoform	<0.89		2.0	0.89	ug/L			03/13/23 18:18	2
Carbon tetrachloride	<0.77		2.0	0.77	ug/L			03/13/23 18:18	2
Chloroform	<0.74		4.0	0.74	ug/L			03/13/23 18:18	2
Chloromethane	<0.64		2.0	0.64	ug/L			03/13/23 18:18	2
Dichlorobromomethane	<0.74		2.0	0.74	ug/L			03/13/23 18:18	2
1,2-Dichloroethane	<0.78		2.0	0.78	ug/L			03/13/23 18:18	2
1,1-Dichloroethene	<0.78		2.0	0.78	ug/L			03/13/23 18:18	2
Ethylbenzene	<0.37		1.0	0.37	ug/L			03/13/23 18:18	2
Methyl bromide	<1.3	^c	6.0	1.3	ug/L			03/13/23 18:18	2
1,1,2,2-Tetrachloroethane	<0.80		2.0	0.80	ug/L			03/13/23 18:18	2
Toluene	<0.30		1.0	0.30	ug/L			03/13/23 18:18	2
1,1,1-Trichloroethane	<0.76		2.0	0.76	ug/L			03/13/23 18:18	2
1,1,2-Trichloroethane	<0.70		2.0	0.70	ug/L			03/13/23 18:18	2
Trichloroethene	160		1.0	0.33	ug/L			03/13/23 18:18	2
Vinyl chloride	<0.41		2.0	0.41	ug/L			03/13/23 18:18	2
Xylenes, Total	<0.80		2.0	0.80	ug/L			03/13/23 18:18	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		03/13/23 18:18	2
1,2-Dichloroethane-d4 (Surr)	110		70 - 130		03/13/23 18:18	2
Toluene-d8 (Surr)	79		70 - 130		03/13/23 18:18	2

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1000		20	7.4	ug/L			03/13/23 18:41	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130		03/13/23 18:41	20
1,2-Dichloroethane-d4 (Surr)	114		70 - 130		03/13/23 18:41	20
Toluene-d8 (Surr)	81		70 - 130		03/13/23 18:41	20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.0057	^c	0.021	0.0057	ug/L		03/10/23 09:30	03/16/23 23:42	1
Benzo[a]pyrene	<0.0032		0.021	0.0032	ug/L		03/10/23 09:30	03/16/23 23:42	1
Benzo[b]fluoranthene	<0.0045		0.021	0.0045	ug/L		03/10/23 09:30	03/16/23 23:42	1
Benzo[g,h,i]perylene	<0.0041	^c	0.021	0.0041	ug/L		03/10/23 09:30	03/16/23 23:42	1
Benzo[k]fluoranthene	<0.0027		0.021	0.0027	ug/L		03/10/23 09:30	03/16/23 23:42	1
Chrysene	<0.0091	^c	0.021	0.0091	ug/L		03/10/23 09:30	03/16/23 23:42	1
Dibenz(a,h)anthracene	<0.0033		0.021	0.0033	ug/L		03/10/23 09:30	03/16/23 23:42	1
Fluoranthene	<0.0049		0.021	0.0049	ug/L		03/10/23 09:30	03/16/23 23:42	1
Indeno[1,2,3-cd]pyrene	<0.0038		0.021	0.0038	ug/L		03/10/23 09:30	03/16/23 23:42	1
Naphthalene	<0.013		0.021	0.013	ug/L		03/10/23 09:30	03/16/23 23:42	1
Phenanthrene	<0.0076		0.021	0.0076	ug/L		03/10/23 09:30	03/16/23 23:42	1
Pyrene	<0.0054		0.021	0.0054	ug/L		03/10/23 09:30	03/16/23 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	68		50 - 110	03/10/23 09:30	03/16/23 23:42	1
Benzo(a)pyrene-d12	31		10 - 160	03/10/23 09:30	03/16/23 23:42	1
Fluorene-d10 (Surr)	75		60 - 110	03/10/23 09:30	03/16/23 23:42	1

Eurofins Chicago

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

Client Sample ID: Influent
Date Collected: 03/07/23 15:10
Date Received: 03/08/23 10:00

Lab Sample ID: 500-230368-1
Matrix: Water

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

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Fluoranthene-d10	75		50 - 120	03/10/23 09:30	03/16/23 23:42	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

Client Sample ID: Effluent

Lab Sample ID: 500-230368-2

Date Collected: 03/07/23 15:00

Matrix: Water

Date Received: 03/08/23 10:00

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			03/13/23 19:05	1
Bromoform	<0.45		1.0	0.45	ug/L			03/13/23 19:05	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/13/23 19:05	1
Chloroform	<0.37		2.0	0.37	ug/L			03/13/23 19:05	1
Chloromethane	0.36	J	1.0	0.32	ug/L			03/13/23 19:05	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/13/23 19:05	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/13/23 19:05	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/13/23 19:05	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/13/23 19:05	1
Methyl bromide	<0.65	^c	3.0	0.65	ug/L			03/13/23 19:05	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/13/23 19:05	1
Tetrachloroethene	6.6		1.0	0.37	ug/L			03/13/23 19:05	1
Toluene	<0.15		0.50	0.15	ug/L			03/13/23 19:05	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/13/23 19:05	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/13/23 19:05	1
Trichloroethene	1.6		0.50	0.16	ug/L			03/13/23 19:05	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/13/23 19:05	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			03/13/23 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130		03/13/23 19:05	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 130		03/13/23 19:05	1
Toluene-d8 (Surr)	81		70 - 130		03/13/23 19:05	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	<0.0059	^c	0.021	0.0059	ug/L		03/10/23 09:30	03/17/23 00:09	1
Benzo[a]pyrene	<0.0033		0.021	0.0033	ug/L		03/10/23 09:30	03/17/23 00:09	1
Benzo[b]fluoranthene	<0.0046		0.021	0.0046	ug/L		03/10/23 09:30	03/17/23 00:09	1
Benzo[g,h,i]perylene	<0.0041	^c	0.021	0.0041	ug/L		03/10/23 09:30	03/17/23 00:09	1
Benzo[k]fluoranthene	<0.0028		0.021	0.0028	ug/L		03/10/23 09:30	03/17/23 00:09	1
Chrysene	<0.0093	^c	0.021	0.0093	ug/L		03/10/23 09:30	03/17/23 00:09	1
Dibenz(a,h)anthracene	<0.0034		0.021	0.0034	ug/L		03/10/23 09:30	03/17/23 00:09	1
Fluoranthene	<0.0050		0.021	0.0050	ug/L		03/10/23 09:30	03/17/23 00:09	1
Indeno[1,2,3-cd]pyrene	<0.0038		0.021	0.0038	ug/L		03/10/23 09:30	03/17/23 00:09	1
Naphthalene	<0.013		0.021	0.013	ug/L		03/10/23 09:30	03/17/23 00:09	1
Phenanthrene	<0.0078		0.021	0.0078	ug/L		03/10/23 09:30	03/17/23 00:09	1
Pyrene	<0.0055		0.021	0.0055	ug/L		03/10/23 09:30	03/17/23 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	66		50 - 110	03/10/23 09:30	03/17/23 00:09	1
Benzo(a)pyrene-d12	29		10 - 160	03/10/23 09:30	03/17/23 00:09	1
Fluorene-d10 (Surr)	72		60 - 110	03/10/23 09:30	03/17/23 00:09	1
Fluoranthene-d10	72		50 - 120	03/10/23 09:30	03/17/23 00:09	1

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-230368-3

Date Collected: 03/07/23 00:00

Matrix: Water

Date Received: 03/08/23 10:00

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			03/13/23 16:21	1
Bromoform	<0.45		1.0	0.45	ug/L			03/13/23 16:21	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/13/23 16:21	1
Chloroform	<0.37		2.0	0.37	ug/L			03/13/23 16:21	1
Chloromethane	<0.32		1.0	0.32	ug/L			03/13/23 16:21	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/13/23 16:21	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/13/23 16:21	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/13/23 16:21	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/13/23 16:21	1
Methyl bromide	<0.65	^c	3.0	0.65	ug/L			03/13/23 16:21	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/13/23 16:21	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/13/23 16:21	1
Toluene	<0.15		0.50	0.15	ug/L			03/13/23 16:21	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/13/23 16:21	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/13/23 16:21	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/13/23 16:21	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/13/23 16:21	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			03/13/23 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130		03/13/23 16:21	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 130		03/13/23 16:21	1
Toluene-d8 (Surr)	81		70 - 130		03/13/23 16:21	1

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance limits.
J	Reported value was between the limit of detection and the limit of quantitation.

GC/MS Semi VOA

Qualifier	Qualifier Description
^c	CCV Recovery is outside acceptance 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: MadisonKipp - GETS

Job ID: 500-230368-1

GC/MS VOA

Analysis Batch: 702195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-230368-1	Influent	Total/NA	Water	624.1	
500-230368-1 - DL	Influent	Total/NA	Water	624.1	
500-230368-2	Effluent	Total/NA	Water	624.1	
500-230368-3	Trip Blank	Total/NA	Water	624.1	
MB 500-702195/8	Method Blank	Total/NA	Water	624.1	
LCS 500-702195/11	Lab Control Sample	Total/NA	Water	624.1	
500-230368-2 MS	Effluent	Total/NA	Water	624.1	
500-230368-2 MSD	Effluent	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 189233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-230368-1	Influent	Total/NA	Water	3510C	
500-230368-2	Effluent	Total/NA	Water	3510C	
MB 200-189233/1-A	Method Blank	Total/NA	Water	3510C	
LCS 200-189233/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 200-189233/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 189437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-230368-1	Influent	Total/NA	Water	8270E SIM	189233
500-230368-2	Effluent	Total/NA	Water	8270E SIM	189233
MB 200-189233/1-A	Method Blank	Total/NA	Water	8270E SIM	189233
LCS 200-189233/2-A	Lab Control Sample	Total/NA	Water	8270E SIM	189233
LCSD 200-189233/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	189233

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DCA	TOL
		(70-130)	(70-130)	(70-130)
500-230368-1	Influent	102	110	79
500-230368-1 - DL	Influent	99	114	81
500-230368-2	Effluent	96	112	81
500-230368-2 MS	Effluent	92	103	85
500-230368-2 MSD	Effluent	96	103	85
500-230368-3	Trip Blank	98	112	81
LCS 500-702195/11	Lab Control Sample	97	103	84
MB 500-702195/8	Method Blank	97	108	81

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)

Lab Sample ID	Client Sample ID	2MN	BNAPd12	FLR	FLN
		(50-110)	(10-160)	(60-110)	(50-120)
500-230368-1	Influent	68	31	75	75
500-230368-2	Effluent	66	29	72	72
LCS 200-189233/2-A	Lab Control Sample	69	71	79	81
LCSD 200-189233/3-A	Lab Control Sample Dup	66	70	75	74
MB 200-189233/1-A	Method Blank	65	62	71	70

Surrogate Legend

2MN = 2-methylnaphthalene-d10

BNAPd12 = Benzo(a)pyrene-d12

FLR = Fluorene-d10 (Surr)

FLN = Fluoranthene-d10

QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

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

Lab Sample ID: MB 500-702195/8
Matrix: Water
Analysis Batch: 702195

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

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.15		0.50	0.15	ug/L			03/13/23 15:09	1
Bromoform	<0.45		1.0	0.45	ug/L			03/13/23 15:09	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			03/13/23 15:09	1
Chloroform	<0.37		2.0	0.37	ug/L			03/13/23 15:09	1
Chloromethane	<0.32		1.0	0.32	ug/L			03/13/23 15:09	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			03/13/23 15:09	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			03/13/23 15:09	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			03/13/23 15:09	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			03/13/23 15:09	1
Methyl bromide	<0.65		3.0	0.65	ug/L			03/13/23 15:09	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			03/13/23 15:09	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			03/13/23 15:09	1
Toluene	<0.15		0.50	0.15	ug/L			03/13/23 15:09	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			03/13/23 15:09	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			03/13/23 15:09	1
Trichloroethene	<0.16		0.50	0.16	ug/L			03/13/23 15:09	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/13/23 15:09	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			03/13/23 15:09	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	97		70 - 130		03/13/23 15:09	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 130		03/13/23 15:09	1
Toluene-d8 (Surr)	81		70 - 130		03/13/23 15:09	1

Lab Sample ID: LCS 500-702195/11
Matrix: Water
Analysis Batch: 702195

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	50.0	49.9		ug/L		100	65 - 135
Bromoform	50.0	63.0		ug/L		126	70 - 130
Carbon tetrachloride	50.0	59.5		ug/L		119	70 - 130
Chloroform	50.0	57.5		ug/L		115	70 - 135
Chloromethane	50.0	61.6		ug/L		123	10 - 205
Dichlorobromomethane	50.0	54.2		ug/L		108	65 - 135
1,2-Dichloroethane	50.0	52.3		ug/L		105	70 - 130
1,1-Dichloroethene	50.0	60.4		ug/L		121	50 - 150
Ethylbenzene	50.0	45.9		ug/L		92	60 - 140
Methyl bromide	50.0	87.6		ug/L		175	15 - 185
1,1,2,2-Tetrachloroethane	50.0	54.1		ug/L		108	60 - 140
Tetrachloroethene	50.0	46.9		ug/L		94	70 - 130
Toluene	50.0	42.1		ug/L		84	70 - 130
1,1,1-Trichloroethane	50.0	58.2		ug/L		116	70 - 130
1,1,2-Trichloroethane	50.0	48.0		ug/L		96	70 - 130
Trichloroethene	50.0	54.5		ug/L		109	65 - 135
Vinyl chloride	50.0	60.7		ug/L		121	5 - 195

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

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

Lab Sample ID: LCS 500-702195/11
Matrix: Water
Analysis Batch: 702195

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

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		70 - 130
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	84		70 - 130

Lab Sample ID: 500-230368-2 MS
Matrix: Water
Analysis Batch: 702195

Client Sample ID: Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Benzene	<0.15		50.0	53.7		ug/L		107	37 - 151
Bromoform	<0.45		50.0	66.1		ug/L		132	45 - 169
Carbon tetrachloride	<0.38		50.0	61.3		ug/L		123	70 - 140
Chloroform	<0.37		50.0	60.7		ug/L		121	51 - 138
Chloromethane	0.36	J	50.0	60.4		ug/L		120	10 - 273
Dichlorobromomethane	<0.37		50.0	56.8		ug/L		114	35 - 155
1,2-Dichloroethane	<0.39		50.0	56.9		ug/L		114	49 - 155
1,1-Dichloroethene	<0.39		50.0	61.5		ug/L		123	10 - 234
Ethylbenzene	<0.18		50.0	46.7		ug/L		93	37 - 162
Methyl bromide	<0.65	^c	50.0	85.6		ug/L		171	10 - 242
1,1,1,2-Tetrachloroethane	<0.40		50.0	58.7		ug/L		117	46 - 157
Tetrachloroethene	6.6		50.0	55.1		ug/L		97	64 - 148
Toluene	<0.15		50.0	45.0		ug/L		90	47 - 150
1,1,1-Trichloroethane	<0.38		50.0	61.5		ug/L		123	52 - 162
1,1,2-Trichloroethane	<0.35		50.0	52.7		ug/L		105	52 - 150
Trichloroethene	1.6		50.0	56.2		ug/L		109	70 - 157
Vinyl chloride	<0.20		50.0	58.4		ug/L		117	10 - 251

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	92		70 - 130
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	85		70 - 130

Lab Sample ID: 500-230368-2 MSD
Matrix: Water
Analysis Batch: 702195

Client Sample ID: Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
				Result	Qualifier						
Benzene	<0.15		50.0	53.1		ug/L		106	37 - 151	1	61
Bromoform	<0.45		50.0	65.6		ug/L		131	45 - 169	1	42
Carbon tetrachloride	<0.38		50.0	58.4		ug/L		117	70 - 140	5	41
Chloroform	<0.37		50.0	58.1		ug/L		116	51 - 138	4	54
Chloromethane	0.36	J	50.0	51.0		ug/L		101	10 - 273	17	60
Dichlorobromomethane	<0.37		50.0	57.3		ug/L		115	35 - 155	1	56
1,2-Dichloroethane	<0.39		50.0	56.7		ug/L		113	49 - 155	0	49
1,1-Dichloroethene	<0.39		50.0	57.0		ug/L		114	10 - 234	8	32
Ethylbenzene	<0.18		50.0	48.8		ug/L		98	37 - 162	4	63
Methyl bromide	<0.65	^c	50.0	70.8		ug/L		142	10 - 242	19	61
1,1,1,2-Tetrachloroethane	<0.40		50.0	61.7		ug/L		123	46 - 157	5	61

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

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

Lab Sample ID: 500-230368-2 MSD
Matrix: Water
Analysis Batch: 702195

Client Sample ID: Effluent
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene	6.6		50.0	58.3		ug/L		103	64 - 148	6	39
Toluene	<0.15		50.0	47.4		ug/L		95	47 - 150	5	41
1,1,1-Trichloroethane	<0.38		50.0	58.7		ug/L		117	52 - 162	5	36
1,1,2-Trichloroethane	<0.35		50.0	56.3		ug/L		113	52 - 150	7	45
Trichloroethene	1.6		50.0	56.6		ug/L		110	70 - 157	1	48
Vinyl chloride	<0.20		50.0	48.9		ug/L		98	10 - 251	18	66
Surrogate	%Recovery	MSD Qualifier		MSD Limits							
4-Bromofluorobenzene (Surr)	96			70 - 130							
1,2-Dichloroethane-d4 (Surr)	103			70 - 130							
Toluene-d8 (Surr)	85			70 - 130							

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

Lab Sample ID: MB 200-189233/1-A
Matrix: Water
Analysis Batch: 189437

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 189233

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	0.00667	J	0.020	0.0055	ug/L		03/10/23 09:30	03/16/23 23:15	1
Benzo[a]pyrene	0.00478	J	0.020	0.0031	ug/L		03/10/23 09:30	03/16/23 23:15	1
Benzo[b]fluoranthene	0.00566	J	0.020	0.0043	ug/L		03/10/23 09:30	03/16/23 23:15	1
Benzo[g,h,i]perylene	0.00506	J	0.020	0.0039	ug/L		03/10/23 09:30	03/16/23 23:15	1
Benzo[k]fluoranthene	0.00566	J	0.020	0.0026	ug/L		03/10/23 09:30	03/16/23 23:15	1
Chrysene	<0.0087		0.020	0.0087	ug/L		03/10/23 09:30	03/16/23 23:15	1
Dibenz(a,h)anthracene	<0.0032		0.020	0.0032	ug/L		03/10/23 09:30	03/16/23 23:15	1
Fluoranthene	0.0132	J	0.020	0.0047	ug/L		03/10/23 09:30	03/16/23 23:15	1
Indeno[1,2,3-cd]pyrene	<0.0036		0.020	0.0036	ug/L		03/10/23 09:30	03/16/23 23:15	1
Naphthalene	<0.012		0.020	0.012	ug/L		03/10/23 09:30	03/16/23 23:15	1
Phenanthrene	0.0217		0.020	0.0073	ug/L		03/10/23 09:30	03/16/23 23:15	1
Pyrene	0.0125	J	0.020	0.0052	ug/L		03/10/23 09:30	03/16/23 23:15	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	65		50 - 110				03/10/23 09:30	03/16/23 23:15	1
Benzo(a)pyrene-d12	62		10 - 160				03/10/23 09:30	03/16/23 23:15	1
Fluorene-d10 (Surr)	71		60 - 110				03/10/23 09:30	03/16/23 23:15	1
Fluoranthene-d10	70		50 - 120				03/10/23 09:30	03/16/23 23:15	1

Lab Sample ID: LCS 200-189233/2-A
Matrix: Water
Analysis Batch: 189437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	0.400	0.366		ug/L		92	55 - 120
Benzo[a]pyrene	0.400	0.332		ug/L		83	50 - 120
Benzo[b]fluoranthene	0.400	0.360		ug/L		90	45 - 120
Benzo[g,h,i]perylene	0.400	0.339		ug/L		85	30 - 125
Benzo[k]fluoranthene	0.400	0.359		ug/L		90	45 - 120

Eurofins Chicago

QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

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

Lab Sample ID: LCS 200-189233/2-A
Matrix: Water
Analysis Batch: 189437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 189233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chrysene	0.400	0.355		ug/L		89	45 - 115
Dibenz(a,h)anthracene	0.400	0.346		ug/L		87	30 - 130
Fluoranthene	0.400	0.367		ug/L		92	45 - 120
Indeno[1,2,3-cd]pyrene	0.400	0.362		ug/L		91	30 - 130
Naphthalene	0.400	0.296		ug/L		74	50 - 105
Phenanthrene	0.400	0.324		ug/L		81	50 - 110
Pyrene	0.400	0.325		ug/L		81	50 - 115
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
2-methylnaphthalene-d10	69		50 - 110				
Benzo(a)pyrene-d12	71		10 - 160				
Fluorene-d10 (Surr)	79		60 - 110				
Fluoranthene-d10	81		50 - 120				

Lab Sample ID: LCSD 200-189233/3-A
Matrix: Water
Analysis Batch: 189437

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 189233

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]anthracene	0.400	0.387		ug/L		97	55 - 120	6	30
Benzo[a]pyrene	0.400	0.357		ug/L		89	50 - 120	7	30
Benzo[b]fluoranthene	0.400	0.378		ug/L		95	45 - 120	5	30
Benzo[g,h,i]perylene	0.400	0.352		ug/L		88	30 - 125	4	30
Benzo[k]fluoranthene	0.400	0.366		ug/L		91	45 - 120	2	30
Chrysene	0.400	0.377		ug/L		94	45 - 115	6	30
Dibenz(a,h)anthracene	0.400	0.357		ug/L		89	30 - 130	3	30
Fluoranthene	0.400	0.386		ug/L		96	45 - 120	5	30
Indeno[1,2,3-cd]pyrene	0.400	0.384		ug/L		96	30 - 130	6	30
Naphthalene	0.400	0.306		ug/L		77	50 - 105	3	30
Phenanthrene	0.400	0.329		ug/L		82	50 - 110	2	30
Pyrene	0.400	0.340		ug/L		85	50 - 115	5	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
2-methylnaphthalene-d10	66		50 - 110						
Benzo(a)pyrene-d12	70		10 - 160						
Fluorene-d10 (Surr)	75		60 - 110						
Fluoranthene-d10	74		50 - 120						

Lab Chronicle

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

Client Sample ID: Influent

Lab Sample ID: 500-230368-1

Date Collected: 03/07/23 15:10

Matrix: Water

Date Received: 03/08/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		2	702195	LMB	EET CHI	03/13/23 18:18
Total/NA	Analysis	624.1	DL	20	702195	LMB	EET CHI	03/13/23 18:41
Total/NA	Prep	3510C			189233	EPR	EET BUR	03/10/23 09:30 - 03/10/23 12:00 ¹
Total/NA	Analysis	8270E SIM		1	189437	K1P	EET BUR	03/16/23 23:42

Client Sample ID: Effluent

Lab Sample ID: 500-230368-2

Date Collected: 03/07/23 15:00

Matrix: Water

Date Received: 03/08/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	702195	LMB	EET CHI	03/13/23 19:05
Total/NA	Prep	3510C			189233	EPR	EET BUR	03/10/23 09:30 - 03/10/23 12:00 ¹
Total/NA	Analysis	8270E SIM		1	189437	K1P	EET BUR	03/17/23 00:09

Client Sample ID: Trip Blank

Lab Sample ID: 500-230368-3

Date Collected: 03/07/23 00:00

Matrix: Water

Date Received: 03/08/23 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	702195	LMB	EET CHI	03/13/23 16:21

¹ Completion dates and times are reported or not reported per method requirements or individual lab discretion.

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
Project/Site: MadisonKipp - GETS

Job ID: 500-230368-1

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 Burlington

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	399133350	03-28-23

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ORIGIN ID: JOTA (608) 826-3663
ANDY STEIN
TRC ENVIRONMENTAL CORPORATION
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
UNITED STATES US

SHIP DATE: 03MAR23
ACTWGT: 20.00 LB MAN
CAD: 033264/CAFE3621

TO **SAMPLE LOGIN**
TESTAMERICA LABS
2417 BOND ST



582C7/9982/432A

UNIVERSITY PARK IL 60484

500-230368 Waybi

(708) 534-6200
INU:
PD:

REF:

DEPT:

FedEx

TRK# **6180 7194 0661**
0221

WED - 08 MAR 10:30A
PRIORITY OVERNIGHT

XN JOTA

60484
IL-US OR

582C7/9982/432A
EXP 10/23



#5360272 03/07 581J7/9982/FE2D

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Part # 159468-434 M/TW EXP 11/23

ORIGIN ID: JOTA (708) 534-5200
SAMPLE LOGIN
TESTAMERICA LABS
2417 BOND ST

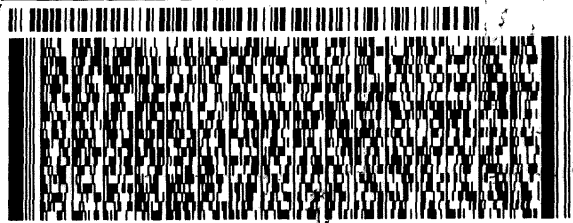
SHIP DATE: 08MAR23
ACTWGT: 33.00 LB MAN
CAD: 033264/CAFE3621

UNIVERSITY PARK, IL 60484
UNITED STATES US

BILL SENDER

TO **SAMPLE RECEIPT.**
EUROFINS - BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 880-1990
REF: 230368 SS



FedEx
Express

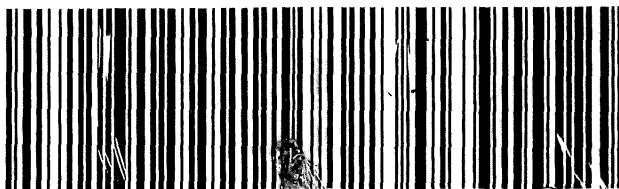


TRK# 6180 7194 1484
0201

THU - 09 MAR 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403
VT-US BTV



Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-230368-1

Login Number: 230368

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	1.4
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.	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: 500-230368-1

Login Number: 230368

List Number: 2

Creator: Reynolds, Jamie K

List Source: Eurofins Burlington

List Creation: 03/09/23 03:20 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	2077537
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°C
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.



ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/4/2023 10:01:47 AM

JOB DESCRIPTION

MadisonKipp GETS

JOB NUMBER

500-233057-1

Eurofins Chicago

Job Notes

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

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

Authorization



Generated
5/4/2023 10:01:47 AM

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



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Case Narrative

Client: TRC Environmental Corporation
Project/Site: MadisonKipp GETS

Job ID: 500-233057-1

Job ID: 500-233057-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-233057-1

Receipt

The samples were received on 5/1/2023 10:00 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 0.7° C.

General Chemistry

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

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Detection Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp GETS

Job ID: 500-233057-1

Client Sample ID: Influent

Lab Sample ID: 500-233057-1

No Detections.

Client Sample ID: Effluent

Lab Sample ID: 500-233057-2

No Detections.

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This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp GETS

Job ID: 500-233057-1

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

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Sample Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp GETS

Job ID: 500-233057-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-233057-1	Influent	Water	04/27/23 14:55	05/01/23 10:00
500-233057-2	Effluent	Water	04/27/23 14:50	05/01/23 10:00

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp GETS

Job ID: 500-233057-1

Client Sample ID: Influent
Date Collected: 04/27/23 14:55
Date Received: 05/01/23 10:00

Lab Sample ID: 500-233057-1
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			05/02/23 13:44	1

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp GETS

Job ID: 500-233057-1

Client Sample ID: Effluent
Date Collected: 04/27/23 14:50
Date Received: 05/01/23 10:00

Lab Sample ID: 500-233057-2
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			05/02/23 14:04	1

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Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp GETS

Job ID: 500-233057-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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 GETS

Job ID: 500-233057-1

General Chemistry

Analysis Batch: 710914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233057-1	Influent	Total/NA	Water	SM 2540D	
500-233057-2	Effluent	Total/NA	Water	SM 2540D	
MB 500-710914/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 500-710914/2	Lab Control Sample	Total/NA	Water	SM 2540D	
500-233057-2 MS	Effluent	Total/NA	Water	SM 2540D	
500-233057-1 DU	Influent	Total/NA	Water	SM 2540D	

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp GETS

Job ID: 500-233057-1

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

Lab Sample ID: MB 500-710914/1
Matrix: Water
Analysis Batch: 710914

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			05/02/23 12:04	1

Lab Sample ID: LCS 500-710914/2
Matrix: Water
Analysis Batch: 710914

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	185.5		mg/L		93	80 - 120

Lab Sample ID: 500-233057-2 MS
Matrix: Water
Analysis Batch: 710914

Client Sample ID: Effluent
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	115.9		mg/L		116	75 - 125

Lab Sample ID: 500-233057-1 DU
Matrix: Water
Analysis Batch: 710914

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 Chronicle

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp GETS

Job ID: 500-233057-1

Client Sample ID: Influent

Date Collected: 04/27/23 14:55

Date Received: 05/01/23 10:00

Lab Sample ID: 500-233057-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540D		1	710914	MB	EET CHI	05/02/23 13:44 - 05/02/23 13:54 ¹

Client Sample ID: Effluent

Date Collected: 04/27/23 14:50

Date Received: 05/01/23 10:00

Lab Sample ID: 500-233057-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540D		1	710914	MB	EET CHI	05/02/23 14:04 - 05/02/23 14:14 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
Project/Site: MadisonKipp GETS

Job ID: 500-233057-1

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

- 1
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Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-233057-1

Login Number: 233057

List Number: 1

Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.7
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 <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/21/2023 9:44:56 AM

JOB DESCRIPTION

MadisonKipp GETS 525152 Ph 2 Tsk 2

JOB NUMBER

500-234851-1

Eurofins Chicago

Job Notes

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Authorization



Generated
6/21/2023 9:44:56 AM

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

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Case Narrative

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

Job ID: 500-234851-1

Job ID: 500-234851-1

Laboratory: Eurofins Chicago

Narrative

**Job Narrative
500-234851-1**

Receipt

The samples were received on 6/7/2023 10:15 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 3.3° C.

GC/MS VOA

Method 624.1: The following sample was diluted to bring the concentration of target analytes within the calibration range: Influent (500-234851-1). Elevated reporting limits (RLs) are provided.

Method 624.1: The method blank for analytical batch 500-717728 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.

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: Surrogate recovery for the following sample was outside control limits: (MB 200-192462/1-A). 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

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 GETS 525152 Ph 2 Tsk 2

Job ID: 500-234851-1

Client Sample ID: Influent

Lab Sample ID: 500-234851-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.40	J B	5.0	0.32	ug/L	1		624.1	Total/NA
Toluene	0.18	J	0.50	0.15	ug/L	1		624.1	Total/NA
Vinyl chloride	0.70	J	1.0	0.20	ug/L	1		624.1	Total/NA
Trichloroethene - DL	150		5.0	1.6	ug/L	10		624.1	Total/NA
Tetrachloroethene - DL2	1200		20	7.4	ug/L	20		624.1	Total/NA

Client Sample ID: Effluent

Lab Sample ID: 500-234851-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	5.7		1.0	0.37	ug/L	1		624.1	Total/NA
Toluene	0.59		0.50	0.15	ug/L	1		624.1	Total/NA
Trichloroethene	1.1		0.50	0.16	ug/L	1		624.1	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-234851-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.44	J B	5.0	0.32	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Euofins Chicago

Method Summary

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

Job ID: 500-234851-1

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
SM 2540D	Solids, Total Suspended (TSS)	SM	EET CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

EET 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
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Job ID: 500-234851-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
500-234851-1	Influent	Water	06/06/23 15:10	06/07/23 10:15
500-234851-2	Effluent	Water	06/06/23 15:15	06/07/23 10:15
500-234851-3	Trip Blank	Water	06/06/23 00:00	06/07/23 10:15

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Client Sample Results

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

Job ID: 500-234851-1

Client Sample ID: Influent

Lab Sample ID: 500-234851-1

Date Collected: 06/06/23 15:10

Matrix: Water

Date Received: 06/07/23 10:15

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			06/09/23 14:24	1
Bromoform	<0.45		1.0	0.45	ug/L			06/09/23 14:24	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/23 14:24	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/23 14:24	1
Chloromethane	0.40	J B	5.0	0.32	ug/L			06/09/23 14:24	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			06/09/23 14:24	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/23 14:24	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/23 14:24	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/23 14:24	1
Methyl bromide	<0.65		3.0	0.65	ug/L			06/09/23 14:24	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/23 14:24	1
Toluene	0.18	J	0.50	0.15	ug/L			06/09/23 14:24	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/23 14:24	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/23 14:24	1
Vinyl chloride	0.70	J	1.0	0.20	ug/L			06/09/23 14:24	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			06/09/23 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		06/09/23 14:24	1
1,2-Dichloroethane-d4 (Surr)	93		70 - 130		06/09/23 14:24	1
Toluene-d8 (Surr)	99		70 - 130		06/09/23 14:24	1

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	150		5.0	1.6	ug/L			06/09/23 14:50	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130		06/09/23 14:50	10
1,2-Dichloroethane-d4 (Surr)	94		70 - 130		06/09/23 14:50	10
Toluene-d8 (Surr)	98		70 - 130		06/09/23 14:50	10

Method: EPA 624.1 - Volatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1200		20	7.4	ug/L			06/12/23 17:19	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130		06/12/23 17:19	20
1,2-Dichloroethane-d4 (Surr)	102		70 - 130		06/12/23 17:19	20
Toluene-d8 (Surr)	107		70 - 130		06/12/23 17:19	20

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.015		0.022	0.015	ug/L		06/13/23 12:51	06/15/23 15:39	1
Benzo[a]pyrene	<0.0028		0.022	0.0028	ug/L		06/13/23 12:51	06/15/23 15:39	1
Benzo[b]fluoranthene	<0.0041		0.022	0.0041	ug/L		06/13/23 12:51	06/15/23 15:39	1
Benzo[g,h,i]perylene	<0.0033		0.022	0.0033	ug/L		06/13/23 12:51	06/15/23 15:39	1
Benzo[k]fluoranthene	<0.0033		0.022	0.0033	ug/L		06/13/23 12:51	06/15/23 15:39	1
Chrysene	<0.0089		0.022	0.0089	ug/L		06/13/23 12:51	06/15/23 15:39	1
Dibenz(a,h)anthracene	<0.0032		0.022	0.0032	ug/L		06/13/23 12:51	06/15/23 15:39	1
Fluoranthene	<0.0061		0.022	0.0061	ug/L		06/13/23 12:51	06/15/23 15:39	1
Indeno[1,2,3-cd]pyrene	<0.0034		0.022	0.0034	ug/L		06/13/23 12:51	06/15/23 15:39	1

Eurolins Chicago

Client Sample Results

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

Job ID: 500-234851-1

Client Sample ID: Influent
Date Collected: 06/06/23 15:10
Date Received: 06/07/23 10:15

Lab Sample ID: 500-234851-1
Matrix: Water

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

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.018		0.022	0.018	ug/L		06/13/23 12:51	06/15/23 15:39	1
Phenanthrene	<0.016		0.022	0.016	ug/L		06/13/23 12:51	06/15/23 15:39	1
Pyrene	<0.0080		0.022	0.0080	ug/L		06/13/23 12:51	06/15/23 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	78		50 - 110	06/13/23 12:51	06/15/23 15:39	1
Fluorene-d10 (Surr)	92		60 - 110	06/13/23 12:51	06/15/23 15:39	1
Benzo(a)pyrene-d12	37		10 - 160	06/13/23 12:51	06/15/23 15:39	1
Fluoranthene-d10	93		50 - 120	06/13/23 12:51	06/15/23 15:39	1

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			06/08/23 10:44	1

Client Sample Results

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

Job ID: 500-234851-1

Client Sample ID: Effluent

Lab Sample ID: 500-234851-2

Date Collected: 06/06/23 15:15

Matrix: Water

Date Received: 06/07/23 10:15

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			06/12/23 17:41	1
Bromoform	<0.45		1.0	0.45	ug/L			06/12/23 17:41	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/12/23 17:41	1
Chloroform	<0.37		2.0	0.37	ug/L			06/12/23 17:41	1
Chloromethane	<0.32		5.0	0.32	ug/L			06/12/23 17:41	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			06/12/23 17:41	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/12/23 17:41	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/12/23 17:41	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/12/23 17:41	1
Methyl bromide	<0.65		3.0	0.65	ug/L			06/12/23 17:41	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/12/23 17:41	1
Tetrachloroethene	5.7		1.0	0.37	ug/L			06/12/23 17:41	1
Toluene	0.59		0.50	0.15	ug/L			06/12/23 17:41	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/12/23 17:41	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/12/23 17:41	1
Trichloroethene	1.1		0.50	0.16	ug/L			06/12/23 17:41	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/12/23 17:41	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			06/12/23 17:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130					06/12/23 17:41	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 130					06/12/23 17:41	1
Toluene-d8 (Surr)	106		70 - 130					06/12/23 17:41	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		0.020	0.014	ug/L		06/13/23 12:51	06/15/23 16:05	1
Benzo[a]pyrene	<0.0026		0.020	0.0026	ug/L		06/13/23 12:51	06/15/23 16:05	1
Benzo[b]fluoranthene	<0.0038		0.020	0.0038	ug/L		06/13/23 12:51	06/15/23 16:05	1
Benzo[g,h,i]perylene	<0.0031		0.020	0.0031	ug/L		06/13/23 12:51	06/15/23 16:05	1
Benzo[k]fluoranthene	<0.0031		0.020	0.0031	ug/L		06/13/23 12:51	06/15/23 16:05	1
Chrysene	<0.0082		0.020	0.0082	ug/L		06/13/23 12:51	06/15/23 16:05	1
Dibenz(a,h)anthracene	<0.0030		0.020	0.0030	ug/L		06/13/23 12:51	06/15/23 16:05	1
Fluoranthene	<0.0056		0.020	0.0056	ug/L		06/13/23 12:51	06/15/23 16:05	1
Indeno[1,2,3-cd]pyrene	<0.0032		0.020	0.0032	ug/L		06/13/23 12:51	06/15/23 16:05	1
Naphthalene	<0.017		0.020	0.017	ug/L		06/13/23 12:51	06/15/23 16:05	1
Phenanthrene	<0.015		0.020	0.015	ug/L		06/13/23 12:51	06/15/23 16:05	1
Pyrene	<0.0073		0.020	0.0073	ug/L		06/13/23 12:51	06/15/23 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	82		50 - 110				06/13/23 12:51	06/15/23 16:05	1
Fluorene-d10 (Surr)	97		60 - 110				06/13/23 12:51	06/15/23 16:05	1
Benzo(a)pyrene-d12	37		10 - 160				06/13/23 12:51	06/15/23 16:05	1
Fluoranthene-d10	97		50 - 120				06/13/23 12:51	06/15/23 16:05	1

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			06/08/23 14:15	1

Eurofins Chicago

Client Sample Results

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

Job ID: 500-234851-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-234851-3

Date Collected: 06/06/23 00:00

Matrix: Water

Date Received: 06/07/23 10:15

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			06/09/23 13:58	1
Bromoform	<0.45		1.0	0.45	ug/L			06/09/23 13:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/23 13:58	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/23 13:58	1
Chloromethane	0.44	J B	5.0	0.32	ug/L			06/09/23 13:58	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			06/09/23 13:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/23 13:58	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/23 13:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/23 13:58	1
Methyl bromide	<0.65		3.0	0.65	ug/L			06/09/23 13:58	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/23 13:58	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/23 13:58	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/23 13:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/23 13:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/23 13:58	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/23 13:58	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/23 13:58	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			06/09/23 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130		06/09/23 13:58	1
1,2-Dichloroethane-d4 (Surr)	94		70 - 130		06/09/23 13:58	1
Toluene-d8 (Surr)	98		70 - 130		06/09/23 13:58	1

Definitions/Glossary

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

Job ID: 500-234851-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Reported value was between the limit of detection and the limit of quantitation.

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate recovery exceeds control limits

Glossary

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

QC Association Summary

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

Job ID: 500-234851-1

GC/MS VOA

Analysis Batch: 717728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-234851-1	Influent	Total/NA	Water	624.1	
500-234851-1 - DL	Influent	Total/NA	Water	624.1	
500-234851-3	Trip Blank	Total/NA	Water	624.1	
MB 500-717728/8	Method Blank	Total/NA	Water	624.1	
LCS 500-717728/4	Lab Control Sample	Total/NA	Water	624.1	

Analysis Batch: 717957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-234851-1 - DL2	Influent	Total/NA	Water	624.1	
500-234851-2	Effluent	Total/NA	Water	624.1	
MB 500-717957/6	Method Blank	Total/NA	Water	624.1	
LCS 500-717957/4	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 192462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-234851-1	Influent	Total/NA	Water	3510C	
500-234851-2	Effluent	Total/NA	Water	3510C	
MB 200-192462/1-A	Method Blank	Total/NA	Water	3510C	
LCS 200-192462/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 200-192462/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 192574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-234851-1	Influent	Total/NA	Water	8270E SIM	192462
500-234851-2	Effluent	Total/NA	Water	8270E SIM	192462
MB 200-192462/1-A	Method Blank	Total/NA	Water	8270E SIM	192462
LCS 200-192462/2-A	Lab Control Sample	Total/NA	Water	8270E SIM	192462
LCSD 200-192462/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	192462

General Chemistry

Analysis Batch: 717524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-234851-1	Influent	Total/NA	Water	SM 2540D	
MB 500-717524/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 500-717524/2	Lab Control Sample	Total/NA	Water	SM 2540D	
500-234851-1 DU	Influent	Total/NA	Water	SM 2540D	

Analysis Batch: 717577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-234851-2	Effluent	Total/NA	Water	SM 2540D	
MB 500-717577/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 500-717577/2	Lab Control Sample	Total/NA	Water	SM 2540D	
500-234851-2 DU	Effluent	Total/NA	Water	SM 2540D	

Surrogate Summary

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

Job ID: 500-234851-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DCA (70-130)	TOL (70-130)
500-234851-1	Influent	104	93	99
500-234851-1 - DL	Influent	106	94	98
500-234851-1 - DL2	Influent	102	102	107
500-234851-2	Effluent	100	103	106
500-234851-3	Trip Blank	103	94	98
LCS 500-717728/4	Lab Control Sample	104	90	99
LCS 500-717957/4	Lab Control Sample	104	103	106
MB 500-717728/8	Method Blank	102	94	98
MB 500-717957/6	Method Blank	103	104	104

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)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		2MN (50-110)	FLR (60-110)	BNAPd12 (10-160)	FLN (50-120)
500-234851-1	Influent	78	92	37	93
500-234851-2	Effluent	82	97	37	97
LCS 200-192462/2-A	Lab Control Sample	75	90	76	91
LCSD 200-192462/3-A	Lab Control Sample Dup	77	92	83	96
MB 200-192462/1-A	Method Blank	31 X	41 X	20	40 X

Surrogate Legend

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

QC Sample Results

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

Job ID: 500-234851-1

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

Lab Sample ID: MB 500-717728/8
Matrix: Water
Analysis Batch: 717728

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

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.15		0.50	0.15	ug/L			06/09/23 11:47	1
Bromoform	<0.45		1.0	0.45	ug/L			06/09/23 11:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/09/23 11:47	1
Chloroform	<0.37		2.0	0.37	ug/L			06/09/23 11:47	1
Chloromethane	0.462	J	5.0	0.32	ug/L			06/09/23 11:47	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			06/09/23 11:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/09/23 11:47	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/09/23 11:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/09/23 11:47	1
Methyl bromide	<0.65		3.0	0.65	ug/L			06/09/23 11:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/09/23 11:47	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/09/23 11:47	1
Toluene	<0.15		0.50	0.15	ug/L			06/09/23 11:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/09/23 11:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/09/23 11:47	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/09/23 11:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/09/23 11:47	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			06/09/23 11:47	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	102		70 - 130		06/09/23 11:47	1
1,2-Dichloroethane-d4 (Surr)	94		70 - 130		06/09/23 11:47	1
Toluene-d8 (Surr)	98		70 - 130		06/09/23 11:47	1

Lab Sample ID: LCS 500-717728/4
Matrix: Water
Analysis Batch: 717728

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	40.0	39.2		ug/L		98	65 - 135
Bromoform	40.0	47.9		ug/L		120	70 - 130
Carbon tetrachloride	40.0	35.1		ug/L		88	70 - 130
Chloroform	40.0	34.1		ug/L		85	70 - 135
Chloromethane	40.0	25.8		ug/L		64	10 - 205
Dichlorobromomethane	40.0	41.2		ug/L		103	65 - 135
1,2-Dichloroethane	40.0	41.6		ug/L		104	70 - 130
1,1-Dichloroethene	40.0	28.9		ug/L		72	50 - 150
Ethylbenzene	40.0	44.3		ug/L		111	60 - 140
Methyl bromide	40.0	27.6		ug/L		69	15 - 185
1,1,2,2-Tetrachloroethane	40.0	41.8		ug/L		104	60 - 140
Tetrachloroethene	40.0	49.1		ug/L		123	70 - 130
Toluene	40.0	43.1		ug/L		108	70 - 130
1,1,1-Trichloroethane	40.0	37.0		ug/L		93	70 - 130
1,1,2-Trichloroethane	40.0	44.2		ug/L		111	70 - 130
Trichloroethene	40.0	43.8		ug/L		109	65 - 135
Vinyl chloride	40.0	37.3		ug/L		93	5 - 195

QC Sample Results

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

Job ID: 500-234851-1

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

Lab Sample ID: LCS 500-717728/4
Matrix: Water
Analysis Batch: 717728

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

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: MB 500-717957/6
Matrix: Water
Analysis Batch: 717957

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

Analyte	MB MB		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.15		0.50	0.15	ug/L			06/12/23 10:52	1
Bromoform	<0.45		1.0	0.45	ug/L			06/12/23 10:52	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			06/12/23 10:52	1
Chloroform	<0.37		2.0	0.37	ug/L			06/12/23 10:52	1
Chloromethane	0.662	J	5.0	0.32	ug/L			06/12/23 10:52	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/L			06/12/23 10:52	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			06/12/23 10:52	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			06/12/23 10:52	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			06/12/23 10:52	1
Methyl bromide	<0.65		3.0	0.65	ug/L			06/12/23 10:52	1
1,1,1,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			06/12/23 10:52	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			06/12/23 10:52	1
Toluene	<0.15		0.50	0.15	ug/L			06/12/23 10:52	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			06/12/23 10:52	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			06/12/23 10:52	1
Trichloroethene	<0.16		0.50	0.16	ug/L			06/12/23 10:52	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/12/23 10:52	1
Xylenes, Total	<0.40		1.0	0.40	ug/L			06/12/23 10:52	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	103		70 - 130		06/12/23 10:52	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		06/12/23 10:52	1
Toluene-d8 (Surr)	104		70 - 130		06/12/23 10:52	1

Lab Sample ID: LCS 500-717957/4
Matrix: Water
Analysis Batch: 717957

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	50.0	48.0		ug/L		96	65 - 135
Bromoform	50.0	46.4		ug/L		93	70 - 130
Carbon tetrachloride	50.0	44.5		ug/L		89	70 - 130
Chloroform	50.0	47.3		ug/L		95	70 - 135
Chloromethane	50.0	47.5		ug/L		95	10 - 205
Dichlorobromomethane	50.0	42.5		ug/L		85	65 - 135
1,2-Dichloroethane	50.0	44.2		ug/L		88	70 - 130
1,1-Dichloroethene	50.0	48.4		ug/L		97	50 - 150
Ethylbenzene	50.0	45.4		ug/L		91	60 - 140
Methyl bromide	50.0	29.8		ug/L		60	15 - 185

Eurofins Chicago

QC Sample Results

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

Job ID: 500-234851-1

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

Lab Sample ID: LCS 500-717957/4
Matrix: Water
Analysis Batch: 717957

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	50.0	46.0		ug/L		92	60 - 140
Tetrachloroethene	50.0	48.6		ug/L		97	70 - 130
Toluene	50.0	44.5		ug/L		89	70 - 130
1,1,1-Trichloroethane	50.0	48.1		ug/L		96	70 - 130
1,1,2-Trichloroethane	50.0	44.3		ug/L		89	70 - 130
Trichloroethene	50.0	42.8		ug/L		86	65 - 135
Vinyl chloride	50.0	57.0		ug/L		114	5 - 195

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	106		70 - 130

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

Lab Sample ID: MB 200-192462/1-A
Matrix: Water
Analysis Batch: 192574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 192462

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.014		0.020	0.014	ug/L		06/13/23 12:51	06/15/23 15:12	1
Benzo[a]pyrene	<0.0026		0.020	0.0026	ug/L		06/13/23 12:51	06/15/23 15:12	1
Benzo[b]fluoranthene	<0.0038		0.020	0.0038	ug/L		06/13/23 12:51	06/15/23 15:12	1
Benzo[g,h,i]perylene	<0.0031		0.020	0.0031	ug/L		06/13/23 12:51	06/15/23 15:12	1
Benzo[k]fluoranthene	<0.0031		0.020	0.0031	ug/L		06/13/23 12:51	06/15/23 15:12	1
Chrysene	<0.0083		0.020	0.0083	ug/L		06/13/23 12:51	06/15/23 15:12	1
Dibenz(a,h)anthracene	<0.0030		0.020	0.0030	ug/L		06/13/23 12:51	06/15/23 15:12	1
Fluoranthene	<0.0057		0.020	0.0057	ug/L		06/13/23 12:51	06/15/23 15:12	1
Indeno[1,2,3-cd]pyrene	<0.0032		0.020	0.0032	ug/L		06/13/23 12:51	06/15/23 15:12	1
Naphthalene	<0.017		0.020	0.017	ug/L		06/13/23 12:51	06/15/23 15:12	1
Phenanthrene	<0.015		0.020	0.015	ug/L		06/13/23 12:51	06/15/23 15:12	1
Pyrene	<0.0074		0.020	0.0074	ug/L		06/13/23 12:51	06/15/23 15:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	31	X	50 - 110	06/13/23 12:51	06/15/23 15:12	1
Fluorene-d10 (Surr)	41	X	60 - 110	06/13/23 12:51	06/15/23 15:12	1
Benzo(a)pyrene-d12	20		10 - 160	06/13/23 12:51	06/15/23 15:12	1
Fluoranthene-d10	40	X	50 - 120	06/13/23 12:51	06/15/23 15:12	1

Lab Sample ID: LCS 200-192462/2-A
Matrix: Water
Analysis Batch: 192574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 192462

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	0.400	0.388		ug/L		97	55 - 120
Benzo[a]pyrene	0.400	0.309		ug/L		77	50 - 120
Benzo[b]fluoranthene	0.400	0.407		ug/L		102	45 - 120
Benzo[g,h,i]perylene	0.400	0.419		ug/L		105	30 - 125

Eurofins Chicago

QC Sample Results

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

Job ID: 500-234851-1

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

Lab Sample ID: LCS 200-192462/2-A
Matrix: Water
Analysis Batch: 192574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 192462

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	0.400	0.410		ug/L		103	45 - 120
Chrysene	0.400	0.371		ug/L		93	45 - 115
Dibenz(a,h)anthracene	0.400	0.393		ug/L		98	30 - 130
Fluoranthene	0.400	0.382		ug/L		96	45 - 120
Indeno[1,2,3-cd]pyrene	0.400	0.404		ug/L		101	30 - 130
Naphthalene	0.400	0.305		ug/L		76	50 - 105
Phenanthrene	0.400	0.333		ug/L		83	50 - 110
Pyrene	0.400	0.377		ug/L		94	50 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-methylnaphthalene-d10	75		50 - 110
Fluorene-d10 (Surr)	90		60 - 110
Benzo(a)pyrene-d12	76		10 - 160
Fluoranthene-d10	91		50 - 120

Lab Sample ID: LCSD 200-192462/3-A
Matrix: Water
Analysis Batch: 192574

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 192462

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzo[a]anthracene	0.400	0.402		ug/L		101	55 - 120	4	30
Benzo[a]pyrene	0.400	0.336		ug/L		84	50 - 120	9	30
Benzo[b]fluoranthene	0.400	0.437		ug/L		109	45 - 120	7	30
Benzo[g,h,i]perylene	0.400	0.441		ug/L		110	30 - 125	5	30
Benzo[k]fluoranthene	0.400	0.422		ug/L		106	45 - 120	3	30
Chrysene	0.400	0.385		ug/L		96	45 - 115	4	30
Dibenz(a,h)anthracene	0.400	0.421		ug/L		105	30 - 130	7	30
Fluoranthene	0.400	0.417		ug/L		104	45 - 120	9	30
Indeno[1,2,3-cd]pyrene	0.400	0.427		ug/L		107	30 - 130	5	30
Naphthalene	0.400	0.312		ug/L		78	50 - 105	2	30
Phenanthrene	0.400	0.345		ug/L		86	50 - 110	4	30
Pyrene	0.400	0.385		ug/L		96	50 - 115	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-methylnaphthalene-d10	77		50 - 110
Fluorene-d10 (Surr)	92		60 - 110
Benzo(a)pyrene-d12	83		10 - 160
Fluoranthene-d10	96		50 - 120

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

Lab Sample ID: MB 500-717524/1
Matrix: Water
Analysis Batch: 717524

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			06/08/23 09:44	1

Eurofins Chicago

QC Sample Results

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

Job ID: 500-234851-1

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

Lab Sample ID: LCS 500-717524/2
Matrix: Water
Analysis Batch: 717524

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	202.9		mg/L		101	80 - 120

Lab Sample ID: 500-234851-1 DU
Matrix: Water
Analysis Batch: 717524

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: MB 500-717577/1
Matrix: Water
Analysis Batch: 717577

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			06/08/23 12:50	1

Lab Sample ID: LCS 500-717577/2
Matrix: Water
Analysis Batch: 717577

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	182.6		mg/L		91	80 - 120

Lab Sample ID: 500-234851-2 DU
Matrix: Water
Analysis Batch: 717577

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 GETS 525152 Ph 2 Tsk 2

Job ID: 500-234851-1

Client Sample ID: Influent
Date Collected: 06/06/23 15:10
Date Received: 06/07/23 10:15

Lab Sample ID: 500-234851-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1	DL2	20	717957	LMB	EET CHI	06/12/23 17:19
Total/NA	Analysis	624.1		1	717728	LMB	EET CHI	06/09/23 14:24
Total/NA	Analysis	624.1	DL	10	717728	LMB	EET CHI	06/09/23 14:50
Total/NA	Prep	3510C			192462	NRS	EET BUR	06/13/23 12:51 - 06/13/23 18:30 ¹
Total/NA	Analysis	8270E SIM		1	192574	K1P	EET BUR	06/15/23 15:39
Total/NA	Analysis	SM 2540D		1	717524	MB	EET CHI	06/08/23 10:44 - 06/08/23 10:47 ¹

Client Sample ID: Effluent
Date Collected: 06/06/23 15:15
Date Received: 06/07/23 10:15

Lab Sample ID: 500-234851-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	717957	LMB	EET CHI	06/12/23 17:41
Total/NA	Prep	3510C			192462	NRS	EET BUR	06/13/23 12:51 - 06/13/23 18:30 ¹
Total/NA	Analysis	8270E SIM		1	192574	K1P	EET BUR	06/15/23 16:05
Total/NA	Analysis	SM 2540D		1	717577	MB	EET CHI	06/08/23 14:15 - 06/08/23 14:20 ¹

Client Sample ID: Trip Blank
Date Collected: 06/06/23 00:00
Date Received: 06/07/23 10:15

Lab Sample ID: 500-234851-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	717728	LMB	EET CHI	06/09/23 13:58

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
Project/Site: MadisonKipp GETS 525152 Ph 2 Tsk 2

Job ID: 500-234851-1

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 Burlington

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

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	399133350	08-31-23

- 1
- 2
- 3
- 4
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- 7
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- 10
- 11
- 12
- 13
- 14
- 15



500-234851 Waybi

ORIGIN ID:RRLA (608) 826-3663
ANDY STEHN
TRC
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717
UNITED STATES US

SHIP DATE: 01JUN23
ACTWGT: 25.00 LB MAN-
CAD: 0269688/CAFE3707

TO **SAMPLE RECIPT
EUROFINS CHICAGO
2417 BOND STREET**

ERRCP/PORR/FF20

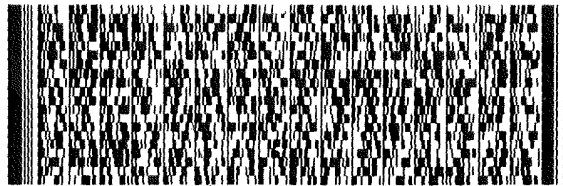
UNIVERSITY PARK IL 60484

(708) 534-5200
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EXP 04/24



C/36° 1047 (V)

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- 7
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- 9
- 10
- 11
- 12
- 13
- 14
- 15

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 500-234851-1

Login Number: 234851

List Number: 1

Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.3
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 <math><6\text{mm}</math> (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: 500-234851-1

Login Number: 234851

List Number: 2

Creator: Campbell, Samantha (Adrik)

List Source: Eurofins Burlington

List Creation: 06/08/23 03:26 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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	2314345, -4346
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, 0.3°C
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

7/10/2023

Mr. Andrew Stehn

TRC Corporation (RMT)

999 Fourier Dr

Suite 101

Madison WI 53717

Project Name: MKC GETS

Project #:

Workorder #: 2306753

Dear Mr. Andrew Stehn

The following report includes the data for the above referenced project for sample(s) received on 6/30/2023 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Jade White

Project Manager

WORK ORDER #: 2306753

Work Order Summary

CLIENT:	Mr. Andrew Stehn TRC Companies, Inc. 999 Fourier Dr Suite 101 Madison, WI 53717	BILL TO:	Accounts Payable/Windsor TRC Companies, Inc. 21 Griffin Rd North Windsor, CT 06095
PHONE:	608-826-3665	P.O. #	196106
FAX:	608-826-3941	PROJECT #	MKC GETS
DATE RECEIVED:	06/30/2023	CONTACT:	Jade White
DATE COMPLETED:	07/10/2023		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	EFFLUENT	TO-15	9 "Hg	10 psi
02A	INFLUENT	TO-15	6.9 "Hg	10 psi
03A	Lab Blank	TO-15	NA	NA
04A	CCV	TO-15	NA	NA
05A	LCS	TO-15	NA	NA
05AA	LCSD	TO-15	NA	NA

CERTIFIED BY: 

 Technical Director

DATE: 07/10/23

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP – 209222, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP – T104704434-22-18, UT NELAP – CA009332022-14, VA NELAP - 12240, WA ELAP - C935
 Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-017
 Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.
 180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 351-8279

LABORATORY NARRATIVE
EPA Method TO-15
TRC Corporation (RMT)
Workorder# 2306753

Two 1 Liter Summa Canister samples were received on June 30, 2023. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample INFLUENT due to the presence of high level target species.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

M - Reported value may be biased due to apparent matrix interferences.

CN - See Case Narrative.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN**

Client Sample ID: EFFLUENT

Lab ID#: 2306753-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	1.2	3.1	3.1	8.0
cis-1,2-Dichloroethene	1.2	250	4.8	1000
Trichloroethene	1.2	130	6.4	710
Tetrachloroethene	1.2	380	8.1	2600

Client Sample ID: INFLUENT

Lab ID#: 2306753-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
cis-1,2-Dichloroethene	8.7	700	34	2800
Trichloroethene	8.7	410	47	2200
Tetrachloroethene	8.7	2800	59	19000



Air Toxics

Client Sample ID: EFFLUENT

Lab ID#: 2306753-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070608	Date of Collection:	6/29/23 11:32:00 AM
Dil. Factor:	2.40	Date of Analysis:	7/6/23 03:37 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	Not Detected	5.9	Not Detected
Freon 114	1.2	Not Detected	8.4	Not Detected
Chloromethane	12	Not Detected	25	Not Detected
Vinyl Chloride	1.2	3.1	3.1	8.0
Bromomethane	12	Not Detected	47	Not Detected
Chloroethane	4.8	Not Detected	13	Not Detected
Freon 11	1.2	Not Detected	6.7	Not Detected
Freon 113	1.2	Not Detected	9.2	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Methylene Chloride	12	Not Detected	42	Not Detected
Methyl tert-butyl ether	4.8	Not Detected	17	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.8	Not Detected
cis-1,2-Dichloroethene	1.2	250	4.8	1000
Chloroform	1.2	Not Detected	5.8	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.5	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.6	Not Detected
Benzene	1.2	Not Detected	3.8	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.8	Not Detected
Trichloroethene	1.2	130	6.4	710
1,2-Dichloropropane	1.2	Not Detected	5.5	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
Toluene	2.4	Not Detected	9.0	Not Detected
trans-1,3-Dichloropropene	1.2	Not Detected	5.4	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.5	Not Detected
Tetrachloroethene	1.2	380	8.1	2600
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.2	Not Detected
Chlorobenzene	1.2	Not Detected	5.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	2.4	Not Detected	10	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Styrene	1.2	Not Detected	5.1	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.2	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.2	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected	36	Not Detected
Hexachlorobutadiene	4.8	Not Detected	51	Not Detected

Container Type: 1 Liter Summa Canister

Client Sample ID: EFFLUENT

Lab ID#: 2306753-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070608	Date of Collection: 6/29/23 11:32:00 AM
Dil. Factor:	2.40	Date of Analysis: 7/6/23 03:37 PM

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	91	70-130



Air Toxics

Client Sample ID: INFLUENT

Lab ID#: 2306753-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070609	Date of Collection:	6/29/23 11:45:00 AM
Dil. Factor:	17.4	Date of Analysis:	7/6/23 04:05 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	8.7	Not Detected	43	Not Detected
Freon 114	8.7	Not Detected	61	Not Detected
Chloromethane	87	Not Detected	180	Not Detected
Vinyl Chloride	8.7	Not Detected	22	Not Detected
Bromomethane	87	Not Detected	340	Not Detected
Chloroethane	35	Not Detected	92	Not Detected
Freon 11	8.7	Not Detected	49	Not Detected
Freon 113	8.7	Not Detected	67	Not Detected
1,1-Dichloroethene	8.7	Not Detected	34	Not Detected
Methylene Chloride	87	Not Detected	300	Not Detected
Methyl tert-butyl ether	35	Not Detected	120	Not Detected
1,1-Dichloroethane	8.7	Not Detected	35	Not Detected
cis-1,2-Dichloroethene	8.7	700	34	2800
Chloroform	8.7	Not Detected	42	Not Detected
1,1,1-Trichloroethane	8.7	Not Detected	47	Not Detected
Carbon Tetrachloride	8.7	Not Detected	55	Not Detected
Benzene	8.7	Not Detected	28	Not Detected
1,2-Dichloroethane	8.7	Not Detected	35	Not Detected
Trichloroethene	8.7	410	47	2200
1,2-Dichloropropane	8.7	Not Detected	40	Not Detected
cis-1,3-Dichloropropene	8.7	Not Detected	39	Not Detected
Toluene	17	Not Detected	66	Not Detected
trans-1,3-Dichloropropene	8.7	Not Detected	39	Not Detected
1,1,2-Trichloroethane	8.7	Not Detected	47	Not Detected
Tetrachloroethene	8.7	2800	59	19000
1,2-Dibromoethane (EDB)	8.7	Not Detected	67	Not Detected
Chlorobenzene	8.7	Not Detected	40	Not Detected
Ethyl Benzene	8.7	Not Detected	38	Not Detected
m,p-Xylene	17	Not Detected	76	Not Detected
o-Xylene	8.7	Not Detected	38	Not Detected
Styrene	8.7	Not Detected	37	Not Detected
1,1,2,2-Tetrachloroethane	8.7	Not Detected	60	Not Detected
1,3,5-Trimethylbenzene	8.7	Not Detected	43	Not Detected
1,2,4-Trimethylbenzene	8.7	Not Detected	43	Not Detected
1,3-Dichlorobenzene	8.7	Not Detected	52	Not Detected
1,4-Dichlorobenzene	8.7	Not Detected	52	Not Detected
alpha-Chlorotoluene	8.7	Not Detected	45	Not Detected
1,2-Dichlorobenzene	8.7	Not Detected	52	Not Detected
1,2,4-Trichlorobenzene	35	Not Detected	260	Not Detected
Hexachlorobutadiene	35	Not Detected	370	Not Detected

Container Type: 1 Liter Summa Canister

Client Sample ID: INFLUENT

Lab ID#: 2306753-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070609	Date of Collection: 6/29/23 11:45:00 AM
Dil. Factor:	17.4	Date of Analysis: 7/6/23 04:05 PM

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	91	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2306753-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070607e	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	7/6/23 02:03 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	1.0	Not Detected	3.8	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	1.0	Not Detected	4.3	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Client Sample ID: Lab Blank

Lab ID#: 2306753-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070607e	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/6/23 02:03 PM

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	89	70-130

Client Sample ID: CCV

Lab ID#: 2306753-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070603	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/6/23 10:23 AM

Compound	%Recovery
Freon 12	95
Freon 114	95
Chloromethane	105
Vinyl Chloride	102
Bromomethane	109
Chloroethane	98
Freon 11	91
Freon 113	94
1,1-Dichloroethene	100
Methylene Chloride	102
Methyl tert-butyl ether	101
1,1-Dichloroethane	100
cis-1,2-Dichloroethene	104
Chloroform	96
1,1,1-Trichloroethane	94
Carbon Tetrachloride	92
Benzene	102
1,2-Dichloroethane	96
Trichloroethene	99
1,2-Dichloropropane	99
cis-1,3-Dichloropropene	104
Toluene	99
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	102
Tetrachloroethene	99
1,2-Dibromoethane (EDB)	100
Chlorobenzene	99
Ethyl Benzene	104
m,p-Xylene	108
o-Xylene	109
Styrene	112
1,1,2,2-Tetrachloroethane	100
1,3,5-Trimethylbenzene	107
1,2,4-Trimethylbenzene	112
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	102
alpha-Chlorotoluene	108
1,2-Dichlorobenzene	101
1,2,4-Trichlorobenzene	99
Hexachlorobutadiene	96

Container Type: NA - Not Applicable

Client Sample ID: CCV
Lab ID#: 2306753-04A
EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070603	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/6/23 10:23 AM

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: LCS

Lab ID#: 2306753-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070604	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/6/23 11:17 AM

Compound	%Recovery	Method Limits
Freon 12	96	70-130
Freon 114	100	70-130
Chloromethane	108	70-130
Vinyl Chloride	105	70-130
Bromomethane	113	70-130
Chloroethane	99	70-130
Freon 11	92	70-130
Freon 113	94	70-130
1,1-Dichloroethene	98	70-130
Methylene Chloride	100	70-130
Methyl tert-butyl ether	107	70-130
1,1-Dichloroethane	101	70-130
cis-1,2-Dichloroethene	104	70-130
Chloroform	95	70-130
1,1,1-Trichloroethane	95	70-130
Carbon Tetrachloride	91	70-130
Benzene	104	70-130
1,2-Dichloroethane	97	70-130
Trichloroethene	101	70-130
1,2-Dichloropropane	101	70-130
cis-1,3-Dichloropropene	107	70-130
Toluene	101	70-130
trans-1,3-Dichloropropene	104	70-130
1,1,2-Trichloroethane	104	70-130
Tetrachloroethene	101	70-130
1,2-Dibromoethane (EDB)	101	70-130
Chlorobenzene	102	70-130
Ethyl Benzene	109	70-130
m,p-Xylene	111	70-130
o-Xylene	114	70-130
Styrene	114	70-130
1,1,2,2-Tetrachloroethane	100	70-130
1,3,5-Trimethylbenzene	108	70-130
1,2,4-Trimethylbenzene	113	70-130
1,3-Dichlorobenzene	100	70-130
1,4-Dichlorobenzene	100	70-130
alpha-Chlorotoluene	106	70-130
1,2-Dichlorobenzene	99	70-130
1,2,4-Trichlorobenzene	96	70-130
Hexachlorobutadiene	96	70-130

Container Type: NA - Not Applicable

Client Sample ID: LCS

Lab ID#: 2306753-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070604	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/6/23 11:17 AM

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: LCSD

Lab ID#: 2306753-05AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070605	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 7/6/23 11:46 AM

Compound	%Recovery	Method Limits
Freon 12	94	70-130
Freon 114	98	70-130
Chloromethane	105	70-130
Vinyl Chloride	106	70-130
Bromomethane	114	70-130
Chloroethane	101	70-130
Freon 11	91	70-130
Freon 113	94	70-130
1,1-Dichloroethene	100	70-130
Methylene Chloride	100	70-130
Methyl tert-butyl ether	107	70-130
1,1-Dichloroethane	100	70-130
cis-1,2-Dichloroethene	106	70-130
Chloroform	95	70-130
1,1,1-Trichloroethane	94	70-130
Carbon Tetrachloride	91	70-130
Benzene	102	70-130
1,2-Dichloroethane	94	70-130
Trichloroethene	98	70-130
1,2-Dichloropropane	97	70-130
cis-1,3-Dichloropropene	103	70-130
Toluene	97	70-130
trans-1,3-Dichloropropene	103	70-130
1,1,2-Trichloroethane	102	70-130
Tetrachloroethene	100	70-130
1,2-Dibromoethane (EDB)	101	70-130
Chlorobenzene	101	70-130
Ethyl Benzene	108	70-130
m,p-Xylene	109	70-130
o-Xylene	112	70-130
Styrene	112	70-130
1,1,2,2-Tetrachloroethane	100	70-130
1,3,5-Trimethylbenzene	106	70-130
1,2,4-Trimethylbenzene	110	70-130
1,3-Dichlorobenzene	99	70-130
1,4-Dichlorobenzene	98	70-130
alpha-Chlorotoluene	105	70-130
1,2-Dichlorobenzene	97	70-130
1,2,4-Trichlorobenzene	98	70-130
Hexachlorobutadiene	95	70-130

Container Type: NA - Not Applicable

Client Sample ID: LCSD

Lab ID#: 2306753-05AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	p070605	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	7/6/23 11:46 AM

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Analysis Request / Canister Chain of Custody

180 Blue Ravine Rd. Suite B, Folsom, CA 95630
Phone (800) 985-5955; Fax (916) 351-8279

For Laboratory Use Only

PID: _____ Workorder #: 2306753

page--of---

Client: <u>MKC / TRC</u>	Special Instructions/Notes:	Turnaround Time (Rush surcharges may apply)	
Project Name: <u>MKC GETS</u>		Standard <input checked="" type="checkbox"/> Rush _____ (specify)	
Project Manager: <u>Walt Unter</u>		Canister Vacuum/Pressure	Requested Analyses
Sampler: <u>Andrew Stern</u>		Lab Use Only	
Site Name: <u>MKC</u>			

Lab ID	Field Sample Identification(Location)	Can #	Flow Controller #	Start Sampling Information		Stop Sampling Information		Initial (in Hg)	Final (in Hg)	Receipt	Final (psig) Gas: N ₂ / He	Requested Analyses
				Date	Time	Date	Time					
01A	EFFLUENT	SLC103	1922	6/29/23	11:32	6/29/23	11:32	-30	-9			
02A	INFLUENT	1L1836	2028	6/29/23	11:45	6/29/23	11:45	-30	-65			XX 70-15

Relinquished by: (Signature/Affiliation) <u>ank / TRC</u>	Date <u>06/29/23</u>	Time <u>12:00</u>	Received by: (Signature/Affiliation) <u>FEDEX</u>	Date <u>6/29/23</u>	Time <u>14:49</u>
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation) <u>Walt Unter EQ + L</u>	Date <u>6/30/23</u>	Time <u>10:11</u>
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time

Lab Use Only

Shipper Name: FedEx Custody Seals Intact? Yes No None

Sample Transportation Notice: Relinquishing signature on this document indicates that samples are shipped in compliance with all applicable local, State, Federal, and international laws, regulations, and ordinances of any kind. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Eurofins Air Toxics against any claim, demand, or action, of any kind, related to the collection, handling, of shipping of samples. D.O.T Hotline (800) 467-4922

Attachment 5
Historical Groundwater Summary Table

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-1 04/08/2010	MW-1 03/29/2011	MW-1 04/11/2012	MW-1 01/15/2013	MW-1 04/21/2013	MW-1 07/18/2013	MW-1 10/09/2013	MW-1 04/22/2014	MW-1 10/23/2014	MW-1 04/14/2015	MW-1 10/21/2015	MW-1 10/13/2016	MW-1 10/04/2017	MW-1 10/16/2018	MW-1 10/16/2019	MW-1 10/16/2019	MW-1 10/20/2020	MW-1 10/18/2021	MW-1 10/24/2022	MW-1 10/24/2022
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	< 0.25	< 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	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
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	< 0.28	< 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	1.1	0.95	0.94 J	0.84 J	< 0.31	< 0.31	0.62 J	< 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
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	< 0.14	< 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	< 0.2	< 0.2	< 0.45	< 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	< 0.36	< 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	< 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	< 0.5	< 0.5	< 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	< 0.28	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
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	< 0.24	< 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	< 0.25	< 0.25	< 0.22	< 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	< 0.31	< 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	< 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	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	< 0.2	< 0.12	< 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	< 0.074	< 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	< 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	< 0.2	< 0.2	< 0.45	< 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	< 0.28	< 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	< 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	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	< 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	< 1	< 1	< 0.33	< 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	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloromethane	3	30	< 0.3	< 0.3	< 0.24	< 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	< 0.18	< 0.18	< 0.18
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	
Dichlorodifluoromethane	200	1000	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	140	700	< 0.5	< 0.5	< 0.14	< 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	< 0.13	< 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	< 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	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	< 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	< 1	< 1	8.5	< 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	< 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	< 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	< 0.2	< 0.2	< 0.21	< 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	< 0.13	< 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	< 0.5	< 0.19	< 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	< 0.13	< 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	< 0.2	< 0.24	< 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	< 0.17	< 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	< 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	< 0.5	< 0.5	< 0.26	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
tert-Butylbenzene	NE	NE	< 0.2	< 0.2	< 0.24	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14
Tetrachloroethene	0.5	5	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	
Toluene	160</																						

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

WELL ID	PREVENTIVE	ENFORCEMENT	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	
SCREEN INTERVAL (feet bgs)	ACTION LIMIT	STANDARD	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	
SAMPLE DATE			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-Dichloroethane	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	< 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	< 6.4	< 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	< 0.5	< 8	< 0.22	< 0.24	< 0.24	< 0.12	< 0.12	< 0.12
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	<											

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-2D 39 - 44 ft 10/16/2014	MW-2D 39 - 44 ft 04/14/2015	MW-2D 39 - 44 ft 10/21/2015	MW-2D 39 - 44 ft 01/25/2016	MW-2D 39 - 44 ft 04/21/2016	MW-2D 39 - 44 ft 07/19/2016	MW-2D 39 - 44 ft 10/13/2016	MW-2D 39 - 44 ft 1/19/2017	MW-2D 39 - 44 ft 04/12/2017	MW-2D 39 - 44 ft 10/04/2017	MW-2D 39 - 44 ft 04/05/2018	MW-2D 39 - 44 ft 10/16/2018	MW-2D ³ 39 - 44 ft 10/16/2018	MW-2D 39 - 44 ft 04/12/2019	MW-2D 39 - 44 ft 10/16/2019	MW-2D 39 - 44 ft 10/20/2020	MW-2D 39 - 44 ft 04/15/2021	MW-2D 39 - 44 ft 10/15/2021	MW-2D 39 - 44 ft 04/28/2022	MW-2D 39 - 44 ft 10/24/2022	MW-2D 39 - 44 ft 4/13/2023	
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	
1,1,1-Trichloroethane	40	200	< 0.40	< 0.20	< 0.38	< 0.50	< 1.0	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.30	< 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	< 0.10	< 0.10	< 0.10	< 0.10	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.34	< 0.35	
1,1-Dichloroethane	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	
1,2,4-Trimethylbenzene	96	480	< 0.28	< 0.14	< 0.36	< 0.30	< 0.60	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	NA	< 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	
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	
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	< 0.78	< 0.78	< 0.78	< 0.29	< 0.29	< 0.29	< 0.29	< 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	< 0.10	< 0.10	< 0.10	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	NA	< 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	< 0.045	0.050 J	< 0.045	< 0.63	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	NA	< 0.46 UJ	
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	
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	
2-Butanone	800	4000	NA	NA	NA	< 15	< 30	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	< 6.5	< 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	< 2.5	< 6.3	< 6.3	< 6.3	< 6.3	< 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	< 1.5	< 6.0	< 6.0	< 6.0	< 6.0	< 2.2	
Acetone	1800	9000	NA	NA	NA	< 17	< 34	< 3.4	< 3.4	< 3.4	< 3.4	15 BJ	< 3.4	< 3.4	< 3.4	< 2.7	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	< 8.6	< 2.6 U	
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	
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	
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	
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	
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	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	< 1.1	< 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	
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	
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	
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	
cis-1,2-Dichloroethane	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	< 0.47	NA	< 0.41	
Dichlorodifluoromethane	200	1000	< 0.40	< 0.20	< 0.54	< 0.55	< 1.1	< 0.11	< 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
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	< 0.22	< 0.33	< 0.33	< 0.33	< 0.33	< 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	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	< 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	
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	< 1.1	NA	< 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	< 0.14	< 0.14	< 0.27 U	< 0.27 U	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	NA	< 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	< 0.088	0.33 J	< 0.088	< 0.88	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	NA	< 0.34 UJ
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	
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	
n-Propylbenzene	NE	NE	< 0.26	< 0.13	< 0.41	< 0.50	< 1.0	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35	< 0.35	NA	< 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	
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	
sec-Butylbenzene	NE																							

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-3S 19 - 29 ft 04/07/2010	MW-3S 19 - 29 ft 03/29/2011	MW-3S 19 - 29 ft 04/12/2012	MW-3S 19 - 29 ft 11/30/2012	MW-3S 19 - 29 ft 12/18/2012	MW-3S 19 - 29 ft 12/19/2012	MW-3S 19 - 29 ft 12/28/2012	MW-3S 19 - 29 ft 01/03/2013	MW-3S 19 - 29 ft 01/15/2013	MW-3S 19 - 29 ft 01/15/2013	MW-3S 19 - 29 ft 01/31/2013	MW-3S 19 - 29 ft 02/12/2013	MW-3S 19 - 29 ft 02/12/2013	MW-3S ¹ 19 - 29 ft 02/12/2013	MW-3S ^{1,3} 19 - 29 ft 02/12/2013	MW-3S 19 - 29 ft 02/28/2013	MW-3S ¹ 19 - 29 ft 03/12/2013	MW-3S ¹ 19 - 29 ft 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-Dichloroethane	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
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																		

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-3S 19 - 29 ft 07/16/2013	MW-3S 19 - 29 ft 10/10/2013	MW-3S ¹ 19 - 29 ft 04/16/2014	MW-3S 19 - 29 ft 10/22/2014	MW-3S 19 - 29 ft 04/13/2015	MW-3S 19 - 29 ft 10/21/2015	MW-3S 19 - 29 ft 10/13/2016	MW-3S 19 - 29 ft 10/05/2017	MW-3S 19 - 29 ft 10/12/2018	MW-3S 19 - 29 ft 10/14/2019	MW-3S ² 19 - 29 ft 10/14/2019	MW-3S 19 - 29 ft 10/16/2020	MW-3S 19 - 29 ft 10/19/2021	MW-3S ³ 19 - 29 ft 10/19/2021	MW-3S 19 - 29 ft 10/21/2022	MW-3D 48 - 53 ft 04/07/2010	MW-3D 48 - 53 ft 10/01/2010	MW-3D 48 - 53 ft 03/30/2011	MW-3D 48 - 53 ft 04/12/2012	MW-3D 48 - 53 ft 11/30/2012	MW-3D 48 - 53 ft 12/19/2012	MW-3D 48 - 53 ft 12/28/2012	MW-3D 48 - 53 ft 01/03/2013		
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	< 8	< 0.25	< 5	< 0.31	< 1.3	NA	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	< 16	< 0.5	< 10	< 0.26	< 1	NA	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	< 8	< 0.25	< 5	< 0.3	< 1.4	NA	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	< 16	< 0.5	< 10	< 0.29	< 1.6	NA	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	< 6.4	< 0.2	< 4	< 0.22	< 0.7	NA	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	< 6.4	< 0.2	< 4	< 0.45	< 1.8	NA	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	< 6.4	< 0.2	< 4	< 0.21	< 1.4	NA	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	< 16	< 0.5	< 10	< 0.28	< 1.4	NA	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	< 16	< 0.5	< 10	< 0.36	< 1	NA	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	< 8	< 0.25	< 5	< 0.36	< 1.2	NA	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	< 8	< 0.25	< 5	< 0.22	< 1.6	NA	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	< 6.4	< 0.2	< 4	< 0.23	< 0.9	NA	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	NA	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	NA	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	NA	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	NA	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	< 6.4	0.31	< 4	0.39 J	< 0.37	NA	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	< 6.4	< 0.2	< 4	< 0.23	< 0.85	NA	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	< 6.4	< 0.2	< 4	< 0.45	< 1.4	NA	NA	NA		
Bromomethane	1	10	< 0.62	< 0.62	< 1.6	< 0.31	< 1.6	< 1.6	< 1.2	< 1.5	< 3.0	< 19.4	< 19.4	< 0.97	< 6.0	< 6.0	< 11.9	< 16	< 0.5	< 10	< 0.49	< 1.6	NA	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	NA	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	< 26	< 0.8	< 16	< 0.28	< 1.3	NA	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	< 32	< 1	< 20	< 0.33	< 1.7	NA	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	< 6.4	0.78	< 4	0.93 J	< 1	NA	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	< 9.6	< 0.3	< 6	< 0.24	< 0.9	NA	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	510	310	300	350	520	NA	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	< 16	< 0.5	< 10	< 0.26	< 1	NA	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	< 16	< 0.5	< 10	< 0.14	< 0.65	NA	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	< 6.4	< 0.2	< 4	< 0.21	< 0.7	NA	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	NA	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	< 16	< 0.5	< 10	< 0.28	< 1.2	NA	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	< 32	< 1	< 20	< 0.63	< 3.4	NA	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	< 8	< 0.25	< 5	< 0.24	< 0.8	NA	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	< 6.4	< 0.2	< 4	< 0.21	< 0.65	NA	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	NA	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	< 16	< 0.5	< 10	< 0.19	< 0.65	NA	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	NA	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	< 6.4	< 0.2	< 4	< 0.24	< 0.85	NA	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	< 8	< 0.25	< 5	< 0.19	< 0.75	NA	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															

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-3D 48 - 53 ft 04/12/2017	MW-3D 48 - 53 ft 10/05/2017	MW-3D 48 - 53 ft 04/06/2018	MW-3D ² 48 - 53 ft 04/06/2018	MW-3D 48 - 53 ft 10/12/2018	MW-3D 48 - 53 ft 04/09/2019	MW-3D ² 48 - 53 ft 04/09/2019	MW-3D 48 - 53 ft 10/14/2019	MW-3D ² 48 - 53 ft 10/14/2019	MW-3D 48 - 53 ft 7/17/2020	MW-3D 48 - 53 ft 10/19/2020	MW-3D ² 48 - 53 ft 10/19/2020	MW-3D 48 - 53 ft 04/14/2021	MW-3D 48 - 53 ft 10/19/2021	MW-3D ² 48 - 53 ft 04/26/2022	MW-3D 48 - 53 ft 04/26/2022	MW-3D ² 48 - 53 ft 10/21/2022	MW-3D 48 - 53 ft 10/21/2022	MW-3D ² 48 - 53 ft 4/12/2023	MW-3D 48 - 53 ft 4/12/2023	MW-3D2 76 - 81 ft 12/31/2009	MW-3D2 76 - 81 ft 04/07/2010	MW-3D2 76 - 81 ft 07/01/2010	MW-3D2 76 - 81 ft 10/01/2010	MW-3D2 76 - 81 ft 03/30/2011			
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	< 3.6	< 3.6	< 0.46	< 0.46	< 6.3	< 13	< 13	< 0.25	< 13	
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	< 3.0	< 3.0	< 0.38	< 0.38	< 13	< 25	< 25	< 0.5	< 25	
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	< 3.4	< 3.4	< 0.35	< 0.35	< 6.3	< 13	< 13	< 0.25	< 13	
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	< 5.8	< 5.8	< 0.39	< 0.39	< 13	< 25	< 25	< 0.5	< 25	
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	< 4.5	< 4.5	< 0.36	< 0.73 U	< 5	< 10	< 10	< 0.2	< 10	
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	< 3.1	< 3.1	< 0.39	< 0.39	< 5	< 10	< 10	< 0.2	< 10	
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	< 3.3	< 3.3	< 0.33	< 0.33	< 5	< 10	< 10	< 0.2	< 10	
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	< 2.9	< 2.9	< 0.39	< 0.39	< 13	< 25	< 25	< 0.5	< 25	
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	< 4.5	< 4.5	< 0.43	< 0.43	< 13	< 25	< 25	< 0.5	< 25	
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	< 10.2	< 10.2	< 0.46 UJ	< 0.46	< 6.3	< 13	< 13	< 0.25	< 13	
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	< 9.5	< 9.5	< 0.34 UJ	< 0.34	< 6.3	< 13	< 13	< 0.25	< 13	
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	< 3.6	< 3.6	< 0.25	< 0.25	< 5	< 10	< 10	< 0.2	< 10	
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	< 65.2	< 65.2	< 2.1	< 2.1 UJ	NA	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	< 62.8	< 62.8	< 1.6	< 1.6 UJ	NA	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	< 59.5	< 59.5	< 2.2	< 2.2 UJ	NA	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	< 86.4	< 86.4	< 3.1 U	2.9 J	NA	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	< 3.0	< 3.0	< 0.15	< 0.15	< 5	< 10	< 10	< 0.2	< 10	
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	< 4.2	< 4.2	< 0.37	< 0.37	< 5	< 10	< 10	< 0.2	< 10	
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	< 38.0	< 38.0	< 0.48	< 0.48	< 5	< 10	< 10	< 0.2	< 10	
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	< 11.9	< 11.9	< 0.80 UJ	< 0.80 UJ	< 13	< 25	< 25	< 0.5	< 25	
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	< 11.0	< 11.0	< 0.45	< 0.45	NA	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	< 3.7	< 3.7	< 0.38	< 0.38	< 20	< 40	< 40	< 0.8	< 40	
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	< 13.8	< 13.8	< 0.51 UJ	< 0.51	< 25	< 50	< 50	< 1	< 50	
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	< 11.8	< 11.8	< 0.37	< 0.37	< 5	< 10	< 10	0.37	< 10	
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	< 16.4	< 16.4	< 0.32	< 0.32	< 7.5	< 15	< 15	< 0.3	< 15	
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			520	510	460	400	440	
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	< 4.6	< 4.6	< 0.67	< 0.67	< 13	< 25	< 25	< 0.5	< 25	
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	< 3.3	< 3.3	< 0.18	< 0.18	< 13	< 25	< 25	< 0.5	< 25	
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	< 10.0	< 10.0	< 10.0	< 0.39	< 0.39	< 5	< 10	< 10	< 0.2	< 10
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	< 7.0	< 7.0	< 0.18	< 0.18	NA	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	< 11.3	< 11.3	< 11.3	< 11.3	< 11.3	< 11.3	< 0.39	< 0.39	< 13	< 25	< 25	< 0.5	< 25	
Methylene chloride	0.5	5		< 0.14	< 0.14	< 0.14	1.5 J+	< 0.25 U	< 1.2	< 2.3																					

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-3D2 76 - 81 ft 04/12/2012	MW-3D2 ³ 76 - 81 ft 04/12/2012	MW-3D2 76 - 81 ft 11/30/2012	MW-3D2 ³ 76 - 81 ft 11/30/2012	MW-3D2 76 - 81 ft 12/19/2012	MW-3D2 76 - 81 ft 12/28/2012	MW-3D2 76 - 81 ft 01/03/2013	MW-3D2 76 - 81 ft 01/16/2013	MW-3D2 ³ 76 - 81 ft 01/16/2013	MW-3D2 76 - 81 ft 01/31/2013	MW-3D2 76 - 81 ft 02/12/2013	MW-3D2 ³ 76 - 81 ft 02/12/2013	MW-3D2 76 - 81 ft 02/28/2013	MW-3D2 ¹ 76 - 81 ft 03/13/2013	MW-3D2 ¹ 76 - 81 ft 04/16/2013	MW-3D2 ³ 76 - 81 ft 04/16/2013	MW-3D2 76 - 81 ft 07/16/2013	MW-3D2 ³ 76 - 81 ft 07/16/2013	MW-3D2 76 - 81 ft 10/10/2013	MW-3D2 ³ 76 - 81 ft 10/10/2013	MW-3D2 76 - 81 ft 04/16/2014	MW-3D2 ³ 76 - 81 ft 04/16/2014			
VOCs																												
1,1,1,2-Tetrachloroethane	7	70		< 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	< 0.5	< 0.25	< 0.25	< 1.3	< 1.3	
1,1,1-Trichloroethane	40	200		< 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	< 0.4	< 0.2	< 0.2	< 1.0	< 1.0	
1,1,2-Trichloroethane	0.5	5		< 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	< 0.56	< 0.28	< 0.28	< 1.4	< 1.4	
1,1-Dichloroethane	0.7	7		< 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	< 0.62	< 0.31	< 0.31	< 1.6	< 1.6	
1,2,4-Trimethylbenzene	96	480		< 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	< 0.28	< 0.14	< 0.14	< 0.70	< 0.70	
1,2-Dibromoethane	0.005	0.05		< 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	< 0.72	< 0.36	< 0.36	< 1.8	< 1.8	
1,2-Dichlorobenzene	60	600		< 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	< 0.54	< 0.27	< 0.27	< 1.4	< 1.4	
1,2-Dichloroethane	0.5	5		< 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	< 0.56	< 0.28	< 0.28	< 1.4	< 1.4	
1,2-Dichloropropane	0.5	5		< 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	< 0.4	< 0.2	< 0.2	< 1.0	< 1.0	
1,2,3-Trichlorobenzene	NE	NE		< 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	< 0.48	< 0.24	< 0.24	< 1.2	< 1.2	
1,2,4-Trichlorobenzene	14	70		< 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	< 0.62	< 0.31	< 0.31	< 1.6	< 1.6	
1,3,5-Trimethylbenzene	96	480		< 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	< 0.36	< 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	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	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	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	NA
Benzene	0.5	5		< 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	< 0.15	< 0.074	< 0.074	< 0.37	< 0.37	
Bromodichloromethane	0.06	0.6		< 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	< 0.34	< 0.17	< 0.17	< 0.85	< 0.85	
Bromoform	0.44	4.4		< 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	< 0.56	< 0.28	< 0.28	< 1.4	< 1.4	
Bromomethane	1	10		< 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	< 0.62	< 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	NA	NA
Carbon tetrachloride	0.5	5		< 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	< 0.52	< 0.26	< 0.26	< 1.3	< 1.3	
Chloroethane	80	400		< 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	< 0.68	< 0.34	< 0.34	< 1.7	< 1.7	
Chloroform	0.6	6		< 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	< 0.4	< 0.2	< 0.2	< 1.0	< 1.0	
Chloromethane	3	30		< 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	< 0.36	< 0.18	< 0.18	< 0.90	< 0.90	
cis-1,2-Dichloroethene	7	70		440	440	420	400	NA	NA	NA	320	300	NA	250	260	NA	100	45	10	11	21	20	210	220				
Dichlorodifluoromethane	200	1000		< 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	< 0.4	< 0.2	< 0.2	< 1.0	< 1.0	
Ethylbenzene	140	700		< 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	< 0.26	< 0.13	< 0.13	< 0.65	< 0.65	
Isopropylbenzene	NE	NE		< 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	< 0.28	< 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	NA	NA
Methyl tert-butyl ether	12	60		< 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	< 0.48	< 0.24	< 0.24	< 1.2	< 1.2	
Methylene chloride	0.5	5		< 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	< 1.4	< 0.68	< 0.68	< 3.4	< 3.4	
Naphthalene	10	100		< 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	< 0.32	< 0.16	< 0.16	< 0.80	< 0.80	
n-Butylbenzene	NE	NE		< 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	< 0.26	< 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	NA	NA
n-Propylbenzene	NE	NE		< 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	< 0.26	< 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	NA	NA
p-Isopropyltoluene	NE	NE		< 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	< 0.34	< 0.17	< 0.17	< 0.85	< 0.85	
sec-Butylbenzene	NE	NE		< 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.							

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-3D2 76 - 81 ft 10/16/2020	MW-3D2 76 - 81 ft 04/14/2021	MW-3D2 76 - 81 ft 10/19/2021	MW-3D2 ² 76 - 81 ft 10/19/2021	MW-3D2 76 - 81 ft 04/26/2022	MW-3D2 76 - 81 ft 10/21/2022	MW-3D2 76 - 81 ft 4/12/2023	MW-3D3 214 - 224 ft 07/24/2012	MW-3D3 ³ 214 - 224 ft 07/24/2012	MW-3D3 214 - 224 ft 11/27/2012	MW-3D3 214 - 224 ft 12/19/2012	MW-3D3 214 - 224 ft 12/31/2012	MW-3D3 214 - 224 ft 01/03/2013	MW-3D3 214 - 224 ft 01/18/2013	MW-3D3 214 - 224 ft 01/31/2013	MW-3D3 214 - 224 ft 02/15/2013	MW-3D3 214 - 224 ft 02/27/2013	MW-3D3 214 - 224 ft 03/13/2013	MW-3D3 214 - 224 ft 04/19/2013	MW-3D3 214 - 224 ft 07/16/2013	MW-3D3 214 - 224 ft 10/07/2013	MW-3D3 214 - 224 ft 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	< 0.25	< 0.25	< 0.25	NA	NA	NA	< 0.25	NA	< 0.25	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200		< 0.24	< 0.30	< 1.5	< 3.0	< 1.5	< 0.76	< 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	< 0.2	< 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	< 0.28	< 0.28	< 0.28	NA	NA	NA	< 0.28	NA	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethane	0.7	7		< 0.24	< 0.58	< 2.9	< 5.8	< 2.9	< 1.5	0.43 J	< 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	< 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	< 0.14	< 0.14	< 0.14	NA	NA	NA	< 0.14	NA	< 0.14	NA	< 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	< 0.31	< 1.5	< 3.1	< 1.5	< 0.77	< 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	< 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	< 0.27	< 0.27	< 0.27	NA	NA	NA	< 0.27	NA	< 0.27	NA	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5		< 0.28	< 0.29	< 1.5	< 2.9	< 1.5	< 0.73	< 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	< 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	< 0.2	< 0.2	< 0.2	NA	NA	NA	< 0.2	NA	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 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	< 0.24	< 0.24	< 0.24	NA	NA	NA	< 0.24	NA	< 0.24	NA	< 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	< 4.8	< 9.5	< 4.8	< 2.4	< 0.34 UJ	< 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	< 0.31	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480		< 0.87	< 0.36	< 1.8	< 3.6	< 1.8	< 0.89	< 0.35	< 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	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000		< 2.9	< 6.5	< 32.6	< 65.2	< 32.6	< 16.3	< 2.1	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	NA	NA	NA	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	< 0.25	< 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	< 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	< 0.17	< 0.17	< 0.17	NA	NA	NA	< 0.17	NA	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 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	< 0.28	< 0.28	< 0.28	NA	NA	NA	< 0.28	NA	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 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	< 0.31	< 0.31	< 0.31	NA	NA	NA	< 0.31	NA	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 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	NA	NA	NA	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	< 0.26	< 0.26	< 0.26	NA	NA	NA	< 0.26	NA	< 0.26	NA	< 0.26	< 0.26	< 0.26	< 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	< 0.34	< 0.34	< 0.34	NA	NA	NA	< 0.34	NA	< 0.34	NA	< 0.34	< 0.34	< 0.34	< 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	< 0.2	< 0.2	< 0.2	NA	NA	NA	< 0.2	NA	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 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	< 0.18	< 0.18	< 0.18	NA	NA	NA	< 0.18	NA	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethane	7	70		16.3	19.5	19.9 J	23.9 J	18.8	1.2 J	1.0	2.2	2.2	6.8	NA	NA	NA	15	NA	7.7	NA	6.2	4.0	1.2	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Dichlorodifluoromethane	200	1000		1.8 J	2.3 J	< 2.3	< 4.6	< 2.3	< 1.1	< 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	< 0.2	< 0.2	< 0.2	< 0.20
Ethylbenzene	140	700		< 0.32	< 0.33	< 1.6	< 3.3	< 1.6	< 0.81	< 0.18	< 0.13	< 0.13	< 0.13	NA	NA	NA	< 0.13	NA	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 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	< 0.14	< 0.14	< 0.14	NA	NA	NA	< 0.14	NA	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 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	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	< 1.1	< 5.6 J	< 11.3 J	< 5.6	< 2.8	< 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	< 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	< 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	< 0.68	< 0.68	< 0.68
Naphthalene	10	100		< 1.2	< 1.1	< 5.6	< 11.3	< 5.6	< 2.8	< 0.34 UJ	< 0.16	< 0.16	< 0.16	NA	NA	NA	< 0.16	NA	< 0.16	NA	< 0.16	< 0.16	< 0.16	< 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	< 0.13	< 0.13	< 0.13	NA	NA	NA	< 0.13	NA	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 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	NA	NA	NA	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	< 0.13	< 0.13	< 0.13	NA	NA	NA	< 0.13	NA	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13
o-Xylene	400	2000		< 0.26	< 0.35	< 1																						

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-3D3 214 - 224 ft 10/16/2014	MW-3D3 214 - 224 ft 04/13/2015	MW-3D3 214 - 224 ft 10/19/2015	MW-3D3 214 - 224 ft 10/13/2016	MW-3D3 214 - 224 ft 10/05/2017	MW-3D3 214 - 224 ft 10/12/2018	MW-3D3 214 - 224 ft 10/14/2019	MW-3D3 214 - 224 ft 10/16/2020	MW-3D3 214 - 224 ft 10/19/2021	MW-3D3 214 - 224 ft 10/21/2022	MW-4S 35 - 50 ft 04/08/2010	MW-4S ¹ 35 - 50 ft 04/08/2010	MW-4S 35 - 50 ft 03/30/2011	MW-4S 35 - 50 ft 04/10/2012	MW-4S 35 - 50 ft 01/15/2013	MW-4S 35 - 50 ft 04/18/2013	MW-4S 35 - 50 ft 07/18/2013	MW-4S 35 - 50 ft 10/08/2013	MW-4S 35 - 50 ft 04/17/2014	MW-4S 35 - 50 ft 10/17/2014	MW-4S 35 - 50 ft 10/05/2017	MW-4S 35 - 50 ft 04/04/2018		
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	< 0.25	< 0.25	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	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	< 0.5	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	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	< 0.25	< 0.25	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	
1,1-Dichloroethane	0.7	7	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 0.5	< 0.5	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	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	< 0.2	< 0.2	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	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	< 0.2	< 0.2	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	NA	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	< 0.2	< 0.2	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	NA	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	< 0.5	< 0.5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	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	< 0.5	< 0.5	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	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	< 0.25	< 0.25	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	NA	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	< 0.25	< 0.25	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	NA	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	< 0.2	< 0.2	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA	NA	
2-Butanone	800	4000	NA	NA	NA	< 3.0	< 3	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	NA	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	NA	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	NA	NA	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	NA	NA	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	< 0.2	< 0.2	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	NA	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	< 0.2	< 0.2	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	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	< 0.2	< 0.2	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	NA	NA	
Bromomethane	1	10	< 0.31	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 0.5	< 0.5	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *	NA	NA
Carbon disulfide	200	1000	NA	NA	NA	< 0.053	< 0.053	< 0.053	< 0.37	< 0.45	< 1.1	< 1.1	NA	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	< 0.8	< 0.8	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	NA	NA	
Chloroethane	80	400	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	< 1	< 1	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	NA	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	< 0.2	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	NA	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	< 0.3	< 0.3	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	NA	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	< 0.5	< 0.5	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	NA	NA	
Dichlorodifluoromethane	200	1000	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	< 0.5	< 0.5	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	NA	NA	
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.5	< 0.5	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 0.2	< 0.2	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	NA	NA	
m,p-Xylene	400	2000	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.47	< 0.47	< 0.70	NA	NA	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 J	< 1.1	< 0.5	< 0.5	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24 *	NA	NA
Methylene chloride	0.5	5	< 0.68	< 0.68	< 1.6	< 0.14	< 0.14	< 0.14	< 0.24 U	< 0.58	< 0.32	< 0.32	< 1	< 1	< 1	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	NA	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	1.4	1.4	< 0.25	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	NA	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	< 0.2	< 0.2	< 0.2	< 0.21	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	
n-Hexane	120	600	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	NA	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	< 0.5	< 0.5	< 0.5	< 0.19	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	NA	NA	
o-Xylene	400	2000	NA	NA	NA	< 0.058	< 0.058	< 0.058	< 0.26	< 0.26	< 0.35	NA	NA	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 J	< 0.80	< 0.80	< 1.0	< 1.0	< 0.2	< 0.2	< 0.2	< 0.24	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	NA	NA	
sec-Butylbenzene	NE	NE	< 0.15	< 0.1																						

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-4S ¹ 35 - 50 ft 04/04/2018	MW-4S 35 - 50 ft 10/11/2018	MW-4S 35 - 50 ft 04/11/2019	MW-4S 35 - 50 ft 10/11/2019	MW-4S 35 - 50 ft 7/20/2020	MW-4S 35 - 50 ft 10/14/2020	MW-4S 35 - 50 ft 04/13/2021	MW-4S 35 - 50 ft 10/15/2021	MW-4S 35 - 50 ft 04/25/2022	MW-4D 65 - 70 ft 04/08/2010	MW-4D 65 - 70 ft 03/30/2011	MW-4D 65 - 70 ft 04/10/2012	MW-4D 65 - 70 ft 01/16/2013	MW-4D 65 - 70 ft 04/18/2013	MW-4D 65 - 70 ft 07/17/2013	MW-4D 65 - 70 ft 10/08/2013	MW-4D 65 - 70 ft 04/17/2014	MW-4D 65 - 70 ft 10/17/2014	MW-4D 65 - 70 ft 10/12/2017	MW-4D 65 - 70 ft 04/04/2018	MW-4D 65 - 70 ft 10/11/2018		
VOCs																									
1,1,1,2-Tetrachloroethane	7	70	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	< 0.5	< 0.5	< 0.26	< 0.2	< 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	< 0.25	< 0.25	< 0.3	< 0.28	< 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	< 0.5	< 0.5	< 0.29	< 0.31	< 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	< 0.2	< 0.2	< 0.22	< 0.14	< 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	< 0.2	< 0.2	< 0.45	< 0.36	< 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	< 0.2	< 0.2	< 0.21	< 0.27	< 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	< 0.5	< 0.5	< 0.28	< 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	< 0.5	< 0.5	< 0.36	< 0.2	< 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	< 0.25	< 0.25	< 0.36	< 0.24	< 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	< 0.25	< 0.25	< 0.22	< 0.31	< 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	< 0.2	< 0.2	< 0.23	< 0.18	< 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	< 0.2	< 0.2	< 0.12	< 0.074	< 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	< 0.2	< 0.2	< 0.23	< 0.17	< 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	< 0.2	< 0.2	< 0.45	< 0.28	< 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	< 0.5	< 0.5	< 0.49	< 0.31	< 0.31	< 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	< 0.8	< 0.8	< 0.28	< 0.26	< 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	< 1	< 1	< 0.33	< 0.34	< 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	< 0.2	< 0.2	< 0.25	< 0.2	< 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	< 0.3	< 0.3	< 0.24	< 0.18	< 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	< 0.5	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	NA	NA	NA	
Dichlorodifluoromethane	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	< 0.5	< 0.26	< 0.2	< 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	< 0.5	< 0.5	< 0.14	< 0.13	< 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	< 0.2	< 0.2	< 0.21	< 0.14	< 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	< 0.5	< 0.5	< 0.28	< 0.24	< 0.24	< 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	< 1	< 1	< 0.63	< 0.68	< 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	< 0.25	< 0.25	< 0.24	< 0.16	< 0.16	< 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	< 0.2	< 0.2	< 0.21	< 0.13	< 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	< 0.5	< 0.5	< 0.19	< 0.13	< 0.13	< 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	< 0.2	< 0.2	< 0.24	< 0.17	< 0.17	< 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	< 0.25	< 0.25	< 0.19	< 0.15	< 0.15	< 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	< 0.5	< 0.5	< 0.26	< 0.1	< 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	< 0.2	< 0.2	< 0.24	< 0.14	< 0.14	< 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	0.9	0.7	< 0.22	< 0.17	0.51 J	< 0.17	< 0.17	0.58 J	< 0.17	< 0.17	NA	NA	NA	
Toluene	160	800	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	< 0.11	NA	NA	NA	
trans-1,2-Dichloroethene	20	100	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	< 0.25	NA	NA	NA	
Trichloroethene	0.5	5	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	< 0.19	NA	NA	NA	
Trichlorofluoromethane	698	3490	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2	< 2	< 0.22	< 0.19	< 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	< 0.2	< 0.2	< 0.13	< 0.1	< 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	< 0.5	< 0.5	< 0.3	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	NA	NA	NA	
Total PCBs																									
Aroclor-1016	0.003																								

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-5S 34 - 44 ft 10/21/2015	MW-5S 34 - 44 ft 10/12/2016	MW-5S 34 - 44 ft 10/04/2017	MW-5S 34 - 44 ft 10/12/2018	MW-5S 34 - 44 ft 04/10/2019	MW-5S 34 - 44 ft 10/10/2019	MW-5S 34 - 44 ft 7/17/2020	MW-5S 34 - 44 ft 10/16/2020	MW-5S ³ 34 - 44 ft 10/16/2020	MW-5S 34 - 44 ft 04/14/2021	MW-5S 34 - 44 ft 10/14/2021	MW-5S ³ 34 - 44 ft 10/14/2021	MW-5S 34 - 44 ft 04/21/2022	MW-5S 34 - 44 ft 10/20/2022	MW-5S 34 - 44 ft 4/13/2023	MW-5D 75 - 80 ft 04/07/2010	MW-5D ³ 75 - 80 ft 04/07/2010	MW-5D 75 - 80 ft 04/12/2012	MW-5D 75 - 80 ft 11/28/2012	MW-5D 75 - 80 ft 01/17/2013	MW-5D 75 - 80 ft 02/13/2013	MW-5D 75 - 80 ft 04/19/2013	MW-5D 75 - 80 ft 07/18/2013	MW-5D 75 - 80 ft 10/04/2013	MW-5D 75 - 80 ft 04/15/2014			
VOCs																															
1,1,1,2-Tetrachloroethane	7	70		< 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	< 5	< 5	< 0.31	< 1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 0.25		
1,1,1-Trichloroethane	40	200		< 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	< 10	< 10	< 0.26	< 1	< 0.4	< 0.4	< 0.4	< 0.4	< 1	< 1	< 0.20		
1,1,2-Trichloroethane	0.5	5		< 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	< 5	< 5	< 0.3	< 1.4	< 0.56	< 0.56	< 0.56	< 0.56	< 1.4	< 1.4	< 0.28		
1,1-Dichloroethene	0.7	7		< 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	< 10	< 10	< 0.29	< 1.6	< 0.62	< 0.62	< 0.62	< 0.62	< 1.6	< 1.6	< 0.31		
1,2,4-Trimethylbenzene	96	480		< 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	< 4	< 4	< 0.22	< 0.7	< 0.28	< 0.28	< 0.28	< 0.28	< 0.7	< 0.7	< 0.14		
1,2-Dibromoethane	0.005	0.05		< 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	< 4	< 4	< 0.45	< 1.8	< 0.72	< 0.72	< 0.72	< 0.72	< 1.8	< 1.8	< 0.36		
1,2-Dichlorobenzene	60	600		< 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	< 4	< 4	< 0.21	< 1.4	< 0.54	< 0.54	< 0.54	< 1.4	< 1.4	< 0.27			
1,2-Dichloroethane	0.5	5		< 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	< 10	< 10	< 0.28	< 1.4	< 0.56	< 0.56	< 0.56	< 1.4	< 1.4	< 0.28			
1,2-Dichloropropane	0.5	5		< 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	< 10	< 10	< 0.36	< 1	< 0.4	< 0.4	< 0.4	< 1	< 1	< 0.20			
1,2,3-Trichlorobenzene	NE	NE		< 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	< 5	< 5	< 0.36	< 1.2	< 0.48	< 0.48	< 0.48	< 0.48	< 1.2	< 1.2	< 0.24		
1,2,4-Trichlorobenzene	14	70		< 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	< 5	< 5	< 0.22	< 1.6	< 0.62	< 0.62	< 0.62	< 0.62	< 1.6	< 1.6	< 0.31		
1,3,5-Trimethylbenzene	96	480		< 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	< 4	< 4	< 0.23	< 0.9	< 0.36	< 0.36	< 0.36	< 0.36	< 0.9	< 0.9	< 0.18		
2-Butanone	800	4000		NA	< 6.0	< 3	< 6.0	NA	< 2.9	NA	< 2.9	< 2.9	NA	< 6.5	< 6.5	NA	< 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
2-Hexanone	NE	NE		NA	< 1.9	< 0.95	< 1.9	NA	< 2.5	NA	< 5.2	< 5.2	NA	< 6.3	< 6.3	NA	< 6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
4-Methyl-2-pentanone	50	500		NA	< 1.5	< 0.77	< 1.5	NA	< 1.5	NA	< 4.6	< 4.6	NA	< 6.0	< 6.0	NA	< 6.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Acetone	1800	9000		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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Benzene	0.5	5		< 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	< 4	< 4	0.29 J	1.1 J	1.2	1	0.88 J	1.5 J	2.8	0.30 J			
Bromodichloromethane	0.06	0.6		< 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	< 4	< 4	< 0.23	< 0.85	< 0.34	< 0.34	< 0.34	< 0.34	< 0.85	< 0.85	< 0.17		
Bromoform	0.44	4.4		< 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	< 4	< 4	< 0.45	< 1.4	< 0.56	< 0.56	< 0.56	< 1.4	< 1.4	< 0.28			
Bromomethane	1	10		< 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	< 10	< 10	< 0.49	< 1.6	< 0.62	< 0.62 *	< 0.62	< 1.6	< 1.6	< 0.31			
Carbon disulfide	200	1000		NA	< 0.11	< 0.053	< 0.11	NA	< 0.37	NA	< 0.45	< 0.45	NA	< 1.1	< 1.1	NA	< 1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Carbon tetrachloride	0.5	5		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	< 16	< 16	< 0.28	< 1.3	< 0.52	< 0.52	< 0.52	< 1.3	< 1.3	< 0.26			
Chloroethane	80	400		< 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	< 20	< 20	< 0.33	< 1.7	< 0.68	< 0.68	< 0.68	< 1.7	< 1.7	< 0.34			
Chloroform	0.6	6		< 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	< 4	< 4	< 0.25	< 1	1.0 J	< 0.4	< 0.4	< 1	< 1	< 0.20			
Chloromethane	3	30		< 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	< 6	< 6	< 0.24	< 0.9	< 0.36	< 0.36	< 0.36	< 0.9	< 0.9	< 0.18			
cis-1,2-Dichloroethene	7	70		< 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	48	48	26	93	110	94	100	120	140	77			
Dichlorodifluoromethane	200	1000		< 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	< 10	< 10	< 0.26	< 1	< 0.4	< 0.4	< 0.4	< 1	< 1	< 0.20			
Ethylbenzene	140	700		< 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	< 10	< 10	< 0.14	< 0.65	< 0.26	< 0.26	< 0.26	< 0.65	< 0.65	< 0.13			
Isopropylbenzene	NE	NE		< 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	< 4	< 4	< 0.21	< 0.28	< 0.28	< 0.28	< 0.28	< 0.7	< 0.7	< 0.14			
m,p-Xylene	400	2000		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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
Methyl tert-butyl ether	12	60		< 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	< 10	< 10	< 0.28	< 1.2	< 0.48	< 0.48	< 0.48	< 1.2	< 1.2	< 0.24			
Methylene chloride	0.5	5		< 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	< 20	< 20	< 0.63	< 3.4	< 1.4	< 1.4	< 1.4	< 3.4	< 3.4	< 0.68			
Naphthalene	10	100		< 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	< 5	< 5	< 0.24	< 0.8	< 0.32	< 0.32	< 0.32	< 0.8	< 0.8	< 0.16			
n-Butylbenzene	NE	NE		< 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	< 4	< 4	< 0.21	< 0.65	< 0.26	< 0.26	< 0.26	< 0.65	< 0.65	< 0.13			
n-Hexane	120	600		NA	< 0.42	< 0.21	< 0.42	NA	< 1.7	NA	< 1.7	< 1.7	NA	< 1.5	< 1.5	NA	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
n-Propylbenzene	NE	NE		< 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	< 10	< 10	< 0.19	< 0.65	< 0.26	< 0.26	< 0.26	< 0.65	< 0.65	< 0.13			
o-Xylene	400	2000																													

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-5D 75 - 80 ft 10/21/2014	MW-5D 75 - 80 ft 04/13/2015	MW-5D 75 - 80 ft 10/19/2015	MW-5D 75 - 80 ft 01/21/2016	MW-5D 75 - 80 ft 04/21/2016	MW-5D ³ 75 - 80 ft 04/21/2016	MW-5D 75 - 80 ft 07/18/2016	MW-5D 75 - 80 ft 10/12/2016	MW-5D ² 75 - 80 ft 11/18/2017	MW-5D 75 - 80 ft 04/12/2017	MW-5D 75 - 80 ft 10/04/2017	MW-5D 75 - 80 ft 04/03/2018	MW-5D 75 - 80 ft 10/12/2018	MW-5D 75 - 80 ft 04/08/2019	MW-5D 75 - 80 ft 10/10/2019	MW-5D 75 - 80 ft 10/16/2020	MW-5D 75 - 80 ft 04/14/2021	MW-5D 75 - 80 ft 10/15/2021	MW-5D 75 - 80 ft 04/21/2022	MW-5D 75 - 80 ft 10/20/2022	MW-5D 75 - 80 ft 4/13/2023	
VOCs																									
1,1,1,2-Tetrachloroethane	7	70		< 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	< 0.46
1,1,1-Trichloroethane	40	200		< 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	< 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	< 10	< 10	< 0.50	< 0.2	< 0.10	< 0.50	< 11.0	< 0.55	< 0.55	< 3.4	< 3.4	< 1.7	< 0.86	< 0.35
1,1-Dichloroethane	0.7	7		< 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	0.80 J
1,2,4-Trimethylbenzene	96	480		< 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	< 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	< 13	< 13	< 0.65	< 0.26	< 0.13	< 0.65	< 16.6	< 0.83	< 0.83	< 3.1	< 3.1	< 1.5	< 0.77	< 0.39
1,2-Dichlorobenzene	60	600		< 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	< 0.33
1,2-Dichloroethane	0.5	5		< 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	< 0.39
1,2-Dichloropropane	0.5	5		< 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	< 0.43
1,2,3-Trichlorobenzene	NE	NE		< 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	< 0.46 UJ
1,2,4-Trichlorobenzene	14	70		< 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	< 0.34 UJ
1,3,5-Trimethylbenzene	96	480		< 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	< 0.35
2-Butanone	800	4000		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	< 2.1
2-Hexanone	NE	NE		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	< 2.5	< 62.8	NA	< 31.4	< 15.7	< 1.6
4-Methyl-2-pentanone	50	500		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	< 1.5	< 59.5	< 59.5	< 29.8	< 14.9	< 2.2
Acetone	1800	9000		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	< 2.7 U
Benzene	0.5	5		0.22 J	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.089	3.7	< 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	< 0.15
Bromodichloromethane	0.06	0.6		< 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	< 0.37
Bromoform	0.44	4.4		< 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	< 0.48
Bromomethane	1	10		< 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	< 0.80 UJ
Carbon disulfide	200	1000		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	< 0.45
Carbon tetrachloride	0.5	5		< 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	0.40 J
Chloroethane	80	400		< 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	< 0.51 UJ
Chloroform	0.6	6		< 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	< 0.37
Chloromethane	3	30		< 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	< 0.32
cis-1,2-Dichloroethene	7	70		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	4.7
Dichlorodifluoromethane	200	1000		< 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	< 0.67
Ethylbenzene	140	700		< 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	< 0.18
Isopropylbenzene	NE	NE		< 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	< 0.39
m,p-Xylene	400	2000		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	< 0.18
Methyl tert-butyl ether	12	60		< 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	< 0.39
Methylene chloride	0.5	5		< 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	< 1.6
Naphthalene	10	100		< 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	< 0.34 UJ
n-Butylbenzene	NE	NE		< 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	< 0.39
n-Hexane	120	600		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	< 0.49
n-Propylbenzene	NE	NE		< 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	< 0.41
o-Xylene	400	2000		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	<		

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-5D2 165.8 - 170.8 ft 11/30/2012	MW-5D2 165.8 - 170.8 ft 01/17/2013	MW-5D2 165.8 - 170.8 ft 02/13/2013	MW-5D2 165.8 - 170.8 ft 04/19/2013	MW-5D2 165.8 - 170.8 ft 07/18/2013	MW-5D2 165.8 - 170.8 ft 10/09/2013	MW-5D2 165.8 - 170.8 ft 04/15/2014	MW-5D2 165.8 - 170.8 ft 10/21/2014	MW-5D2 165.8 - 170.8 ft 04/15/2015	MW-5D2 165.8 - 170.8 ft 10/22/2015	MW-5D2 165.8 - 170.8 ft 01/21/2016	MW-5D2 ² 165.8 - 170.8 ft 01/21/2016	MW-5D2 165.8 - 170.8 ft 04/21/2016	MW-5D2 165.8 - 170.8 ft 07/18/2016	MW-5D2 165.8 - 170.8 ft 10/12/2016	MW-5D2 165.8 - 170.8 ft 1/20/2017	MW-5D2 165.8 - 170.8 ft 04/12/2017	MW-5D2 165.8 - 170.8 ft 10/04/2017
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	NA	< 0.25	< 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	< 2.2	< 2.2
1,1,1-Trichloroethane	40	200	NA	< 0.2	< 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	< 2.0	< 2
1,1,2-Trichloroethane	0.5	5	NA	< 0.28	< 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	< 2.0	< 2
1,1-Dichloroethane	0.7	7	NA	< 0.31	< 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	< 2.8	< 2.8
1,2,4-Trimethylbenzene	96	480	NA	< 0.14	< 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	< 1.2
1,2-Dibromoethane	0.005	0.05	NA	< 0.36	< 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	< 2.6	< 2.6
1,2-Dichlorobenzene	60	600	NA	< 0.27	< 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	< 1.5	< 1.5
1,2-Dichloroethane	0.5	5	NA	< 0.28	< 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	< 1.6	< 1.6
1,2-Dichloropropane	0.5	5	NA	< 0.2	< 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	< 2.0	< 2
1,2,3-Trichlorobenzene	NE	NE	NA	< 0.24	< 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	< 0.90	< 0.9
1,2,4-Trichlorobenzene	14	70	NA	< 0.31	< 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	< 1.5	< 1.5
1,3,5-Trimethylbenzene	96	480	NA	< 0.18	< 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	< 1.5	< 1.5
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30	< 30	< 120	< 30	< 60	< 60	< 60	< 60
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.5	< 9.5	< 38	< 9.5	< 19	< 19	< 19	< 19
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7.7	< 7.7	< 31	< 7.7	< 15	< 15	< 15	< 15
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 34	< 34	< 140	< 34	< 68	< 68	< 68	< 68
Benzene	0.5	5	NA	< 0.074	< 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	< 1.8	< 1.8
Bromodichloromethane	0.06	0.6	NA	< 0.17	< 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	< 1.5	< 1.5
Bromoform	0.44	4.4	NA	< 0.28	< 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	< 1.8	< 1.8
Bromomethane	1	10	NA	< 0.31	< 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	< 12	< 12
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.53	< 0.53	< 2.1	< 0.53	< 1.1	< 1.1	< 1.1	< 1.1
Carbon tetrachloride	0.5	5	NA	< 0.26	< 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	< 0.76	< 0.76
Chloroethane	80	400	NA	< 0.34	< 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	< 5.0	< 5
Chloroform	0.6	6	NA	< 0.2	< 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	2.2 J	< 1.2
Chloromethane	3	30	NA	< 0.18	< 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	< 3.2	4.2 J+
cis-1,2-Dichloroethane	7	70	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	1.6 J	< 4.4	6.1	< 2.2	< 2.2	2.2 J	4.8 J
Dichlorodifluoromethane	200	1000	NA	< 0.2	< 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	< 2.2	< 2.2
Ethylbenzene	140	700	NA	< 0.13	< 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	< 1.1	< 1.1
Isopropylbenzene	NE	NE	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.28	< 0.14	< 0.28	< 0.14	< 0.28	< 0.81	< 0.81	< 0.81	< 3.2	< 0.81	< 1.6	< 1.6	< 1.6	< 1.6
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.57	< 0.57	< 2.3	< 0.57	< 1.1	1.6 BJ	< 1.1	1.2 BJ
Methyl tert-butyl ether	12	60	NA	< 0.24	< 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	< 2.8	< 2.8
Methylene chloride	0.5	5	NA	< 0.68	< 0.68	< 0.68	< 1.4	5.7	< 1.4	< 0.68	< 1.4	< 0.68	< 1.4	< 3.3	< 1.4	< 5.6	< 1.4	< 2.8	3.4 BJ	< 2.8	< 2.8
Naphthalene	10	100	NA	< 0.16	< 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	< 1.8	< 1.8
n-Butylbenzene	NE	NE	NA	< 0.13	< 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	< 2.8	< 2.8
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.1	< 2.1	< 8.4	< 2.1	< 4.2	< 4.2	< 4.2	< 4.2
n-Propylbenzene	NE	NE	NA	< 0.13	< 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	< 2.0	< 2
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.58	< 0.58	< 2.3	< 0.58	< 1.2	1.4 BJ	< 1.2	< 1.2
p-Isopropyltoluene	NE	NE	NA	< 0.17	< 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	< 1.7	< 1.7
sec-Butylbenzene	NE	NE	NA	< 0.15	< 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	< 2.6	< 2.6
Styrene	10	100	NA	< 0.1	< 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	< 1.3	1.4 BJ
tert-Butylbenzene	NE	NE	NA	< 0.14	< 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	< 2.4	< 2.4
Tetrachloroethene	0.5	5	NA	650	650	640	710	110	520	47	700	640	380	380	160	970	550	570	670	940	
Toluene	160	800	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	< 1.1	3.2 BJ	< 1.1	1.2 BJ
trans-1,2-Dichloroethene	20	100	NA	< 0.25	< 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	< 2.2	< 2.2
Trichloroethene	0.5	5	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	7.8 J	12	
Trichlorofluoromethane	698	3490	NA	< 0.19	< 0.19	< 0.19	< 0.19	< 0.38	< 0.19	< 2.0	< 1.0	< 2.0									

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-5D2 165.8 - 170.8 ft 04/03/2018	MW-5D2 165.8 - 170.8 ft 10/12/2018	MW-5D2 165.8 - 170.8 ft 04/10/2019	MW-5D2 165.8 - 170.8 ft 10/10/2019	MW-5D2 ² 165.8 - 170.8 ft 10/10/2019	MW-5D2 165.8 - 170.8 ft 10/16/2020	MW-5D2 165.8 - 170.8 ft 04/14/2021	MW-5D2 165.8 - 170.8 ft 10/15/2021	MW-5D2 165.8 - 170.8 ft 04/21/2022	MW-5D2 165.8 - 170.8 ft 10/20/2022	MW-5D2 165.8 - 170.8 ft 4/13/2023	MW-5D3 225 - 235 ft 11/28/2012	MW-5D3 225 - 235 ft 01/18/2013	MW-5D3 225 - 235 ft 02/13/2013	MW-5D3 225 - 235 ft 04/21/2013	MW-5D3 225 - 235 ft 07/17/2013	MW-5D3 225 - 235 ft 10/07/2013	MW-5D3 225 - 235 ft 04/16/2014	MW-5D3 225 - 235 ft 10/20/2014	MW-5D3 225 - 235 ft 04/13/2015	MW-5D3 225 - 235 ft 10/21/2015	MW-5D3 225 - 235 ft 01/21/2016							
VOCs																																
1,1,1,2-Tetrachloroethane	7	70	< 0.55	< 5.5	< 5.4	1.2	1.1	1.2	< 8.9	< 8.9	< 8.9	< 14.2	< 4.6	< 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	< 0.25	< 0.25		
1,1,1-Trichloroethane	40	200	< 0.50	< 5.0	< 4.9	< 0.24	< 0.24	< 0.24	< 7.6	< 7.6	< 7.6	< 12.1	< 3.8	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
1,1,2-Trichloroethane	0.5	5	< 0.50	< 5.0	< 11.0	< 0.55	< 0.55	< 0.55	< 8.6	< 8.6	< 8.6	< 13.8	< 3.5	< 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	< 0.28	< 0.28	< 0.28	
1,1-Dichloroethane	0.7	7	< 0.70	< 7.0	< 4.9	0.29 J	< 0.24	< 0.24	< 14.6	< 14.6	< 14.6	< 23.3	< 3.9	< 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	< 0.31	< 0.31	< 0.31	
1,2,4-Trimethylbenzene	96	480	< 0.30	< 3.0	< 16.8	< 0.84	< 0.84	< 0.84	< 11.2	< 11.2	< 11.2	< 17.9	< 3.6	< 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	< 0.14	< 0.14	< 0.14	
1,2-Dibromoethane	0.005	0.05	< 0.65	< 6.5	< 16.6	< 0.83	< 0.83	< 0.83	< 7.7	< 7.7	< 7.7	< 12.4	< 3.9	< 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	< 0.36	< 0.36	< 0.36	
1,2-Dichlorobenzene	60	600	< 0.38	< 3.8	< 14.1	< 0.71	< 0.71	< 0.71	< 8.1	< 8.1	< 8.1	< 13.0	< 3.3	< 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	< 0.27	< 0.27	< 0.27	
1,2-Dichloroethane	0.5	5	< 0.39	< 3.9	< 5.6	< 0.28	< 0.28	< 0.28	< 7.3	< 7.3	< 7.3	< 11.7	< 3.9	< 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	< 0.28	< 0.28	< 0.28	
1,2-Dichloropropane	0.5	5	< 0.50	< 5.0	< 5.7	< 0.28	< 0.28	< 0.28	< 11.2	< 11.2	< 11.2	< 17.9	< 4.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
1,2,3-Trichlorobenzene	NE	NE	< 0.23	< 2.3	< 12.5	< 0.63	< 0.63	< 2.2	< 25.5	< 25.5	< 25.5	< 40.7	< 4.6 UJ	< 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	< 0.24	< 0.24	< 0.24	
1,2,4-Trichlorobenzene	14	70	< 0.39	< 3.9	< 19.0	< 0.95	< 0.95	< 0.95	< 23.8	< 23.8	< 23.8	< 38.0	< 3.4 UJ	< 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	< 0.31	< 0.31	< 0.31	
1,3,5-Trimethylbenzene	96	480	< 0.38	< 3.8	< 17.5	< 0.87	< 0.87	< 0.87	< 8.9	< 8.9	< 8.9	< 14.3	< 2.5	< 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	< 0.18	< 0.18	< 0.18	
2-Butanone	800	4000	< 15	< 150	< 58.7	< 2.9	< 2.9	< 2.9	< 163	< 163	< 163	< 261	< 21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Hexanone	NE	NE	< 4.8	< 48	< 49.1	< 2.5	< 2.5	< 2.5	< 157	< 157	< 157	< 251	< 16	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	< 3.9	< 39	< 30.6	< 1.5	< 1.5	< 1.5	< 4.6	< 4.6	< 4.6	< 149	< 22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 17	< 170	< 54.8	< 2.7	< 2.7	< 2.7	< 216	< 216	< 216	< 346	< 25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.45	< 4.5	< 4.9	< 0.25	< 0.25	< 0.25	< 7.4	< 7.4	< 7.4	< 11.8	< 1.5	< 0.074	0.28 J	< 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	< 0.074	
Bromodichloromethane	0.06	0.6	< 0.39	< 3.9	< 7.3	< 0.36	< 0.36	< 0.36	< 10.4	< 10.4	< 10.4	< 16.6	< 3.7	< 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	< 0.17	< 0.17	< 0.17	
Bromoform	0.44	4.4	< 0.44	< 4.4	< 79.4	< 4.0	< 4.0	< 4.0	< 95.0	< 95.0	< 95.0	< 152	< 4.8	< 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	< 0.28	< 0.28	< 0.28	
Bromomethane	1	10	< 3.0	< 30	< 19.4	< 0.97	< 0.97	< 0.97	< 29.8	< 29.8	< 29.8	< 47.7	< 8.0 UJ	< 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	< 0.31	< 0.31	< 0.31	
Carbon disulfide	200	1000	< 0.27	< 2.7	< 7.5	< 0.37	< 0.37	< 0.37	< 0.45	< 0.45	< 0.45	< 27.6	< 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5	< 0.19	< 1.9	< 3.3	< 0.17	< 0.17	< 1.1	< 9.2	< 9.2	< 9.2	< 14.8	< 3.8	< 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	< 0.26	< 0.26	< 0.26	
Chloroethane	80	400	< 1.3	< 13	< 26.8	< 1.3	< 1.3	< 1.3	< 34.5	< 34.5	< 34.5	< 55.2	< 5.1 UJ	< 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	< 0.34	< 0.34	< 0.34	
Chloroform	0.6	6	< 0.31	< 3.1	< 25.5	< 1.3	< 1.3	< 1.3	< 29.6	< 29.6	< 29.6	< 47.3	< 3.7	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Chloromethane	3	30	< 0.80	< 15 U	< 43.8	< 2.2	< 2.2	< 2.2	< 40.9	< 40.9	< 40.9	< 65.4	< 3.2	< 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	< 0.18	< 0.18	< 0.18	
cis-1,2-Dichloroethene	7	70	< 0.55	10 J	15.0 J	10.9	11.3	12.8	< 11.8	22.2 J	< 11.8	< 18.9	20	3.1	12	12	1.6	2.1	4.5	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	
Dichlorodifluoromethane	200	1000	< 0.55	< 5.5	< 10	< 0.50	< 0.50	< 0.50	< 11.4	< 11.4	< 11.4	< 18.2	< 6.7	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Ethylbenzene	140	700	< 0.27	< 2.7	< 4.4	< 0.22	< 0.22	< 0.32	< 8.1	< 8.1	< 8.1	< 13.0	< 1.8	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	0.32 J	< 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	< 0.41	< 4.1	< 7.9	< 0.39	< 0.39	< 1.7	< 25.0	< 25.0	< 25.0	< 40.0	< 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	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	
m,p-Xylene	400	2000	< 0.29	< 2.9	< 9.3	< 0.47	< 0.47	< 0.47	< 17.5	< 17.5	< 17.5	< 28.0	< 1.8</																			

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

WELL ID SCREEN INTERVAL (feet bgs) SAMPLE DATE	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	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-6S	MW-6S	MW-6S	MW-6S	MW-6S	
			225 - 235 ft 04/21/2016	225 - 235 ft 07/20/2016	225 - 235 ft 10/12/2016	225 - 235 ft 11/19/2017	225 - 235 ft 04/12/2017	225 - 235 ft 10/04/2017	225 - 235 ft 04/03/2018	225 - 235 ft 10/11/2018	225 - 235 ft 04/10/2019	225 - 235 ft 10/10/2019	225 - 235 ft 10/16/2020	225 - 235 ft 04/14/2021	225 - 235 ft 10/14/2021	225 - 235 ft 04/21/2022	225 - 235 ft 10/20/2022	225 - 235 ft 4/13/2023	31.4 - 41.4 ft 12/31/2009	31.4 - 41.4 ft 04/07/2010	31.4 - 41.4 ft 07/01/2010	31.4 - 41.4 ft 10/01/2010	31.4 - 41.4 ft 12/28/2010
VOCs																							
1,1,1,2-Tetrachloroethane	7	70	< 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	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.30	< 0.38	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	0.5	5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.34	< 0.35	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,1-Dichloroethane	0.7	7	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	96	480	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	NA	< 0.36	4.3	3.3	1.3	2.2	3.2
1,2-Dibromoethane	0.005	0.05	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	60	600	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichloroethane	0.5	5	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloropropane	0.5	5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	NA	< 0.43	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	NE	NE	< 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	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,2,4-Trichlorobenzene	14	70	< 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	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
1,3,5-Trimethylbenzene	96	480	< 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	0.92	7.3	0.27	4.6	0.39
2-Butanone	800	4000	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	NA	< 2.1	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 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	< 6.3	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 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	NA	NA	NA	NA	NA
Acetone	1800	9000	< 3.4	< 3.4	< 3.4	9.6 J+	15 BJ	< 3.4	< 3.4	< 3.4	< 4.6 U	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	NA	< 2.8 U	NA	NA	NA	NA	NA
Benzene	0.5	5	< 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	7.6	7.9	5	5.3	5
Bromodichloromethane	0.06	0.6	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bromoform	0.44	4.4	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bromomethane	1	10	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbon disulfide	200	1000	< 0.053	0.10 J	< 0.053	< 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	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 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	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Chloroethane	80	400	< 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	< 1	< 1	< 1	< 1	< 1
Chloroform	0.6	6	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chloromethane	3	30	< 0.16	< 0.16	0.67 BJ	0.37 BJ	< 0.16	0.22 J+	< 0.16	< 0.16	< 0.56 U	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 0.32	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
cis-1,2-Dichloroethene	7	70	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dichlorodifluoromethane	200	1000	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	140	700	< 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	23	14	6.0	13	15
Isopropylbenzene	NE	NE	< 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	12	9.4	5.3	7.5	6.4
m,p-Xylene	400	2000	< 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	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene chloride	0.5	5	< 0.14	< 0.14	< 0.14	0.17 BJ	< 0.14	< 0.14	< 0.14	< 0.14	< 0.29 U	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	< 0.32	< 1.6	< 1	< 1	< 1	< 1	< 1
Naphthalene	10	100	< 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	26	14	6.4	10	16
n-Butylbenzene	NE	NE	< 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	1.6	1.6	0.92	1.2	0.86
n-Hexane	120	600	< 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	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35	< 0.35	NA	< 0.41	4.9	3.7	1.9	3.3	3.0
o-Xylene	400	2000	< 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	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 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	1.7	1.6	0.72	1.1	0.83
sec-Butylbenzene	NE	NE	< 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	1.9	1.8	1.5	1.5	1.0
Styrene	10	100	< 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	0.53	0.51	< 0.5	< 0.5	1.1
tert-Butylbenzene	NE	NE	< 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	0.27	0.31	0.22	0.24	< 0.2
Tetrachloroethene	0.5	5	< 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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	160	800	< 0.053	< 0.053	0.15 J	0.17 BJ	< 0.053	0.08 BJ	0.12 J	< 0.053													

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-6S 31.4 - 41.4 ft 04/11/2012	MW-6S 31.4 - 41.4 ft 01/17/2013	MW-6S 31.4 - 41.4 ft 04/20/2013	MW-6S 31.4 - 41.4 ft 07/18/2013	MW-6S 31.4 - 41.4 ft 10/07/2013	MW-6S 31.4 - 41.4 ft 04/17/2014	MW-6S 31.4 - 41.4 ft 10/16/2014	MW-6S 31.4 - 41.4 ft 04/14/2015	MW-6S 31.4 - 41.4 ft 10/22/2015	MW-6S 31.4 - 41.4 ft 10/12/2016	MW-6S 31.4 - 41.4 ft 10/09/2017	MW-6S ³ 31.4 - 41.4 ft 10/09/2017	MW-6S 31.4 - 41.4 ft 04/04/2018	MW-6S 31.4 - 41.4 ft 10/15/2018	MW-6S ³ 31.4 - 41.4 ft 10/15/2018	MW-6S 31.4 - 41.4 ft 04/12/2019	MW-6S 31.4 - 41.4 ft 10/11/2019	MW-6S 31.4 - 41.4 ft 7/16/2020	MW-6S 31.4 - 41.4 ft 10/15/2020			
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.11	< 0.11	< 0.11	NA	< 0.11	< 0.11	NA	< 0.27	NA	< 0.27		
1,1,1-Trichloroethane	40	200	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1	< 0.1	< 0.1	NA	< 0.10	< 0.10	NA	< 0.24	NA	< 0.24
1,1,2-Trichloroethane	0.5	5	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.1	< 0.1	< 0.1	NA	< 0.10	< 0.10	NA	< 0.55	NA	< 0.55
1,1-Dichloroethene	0.7	7	< 0.29	< 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	NA	< 0.14	< 0.14	NA	< 0.24	NA	< 0.24
1,2,4-Trimethylbenzene	96	480	4.8	12	0.92 J	< 0.14	< 0.14	1.4	2.0	0.96 J	1.4	1.3	0.83	0.37 J	0.3 J	0.3 J	0.3 J	NA	< 0.060	< 0.060	NA	< 0.84	NA	< 0.84
1,2-Dibromoethane	0.005	0.05	< 0.45	< 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	NA	< 0.13	< 0.13	NA	< 0.83	NA	< 0.83
1,2-Dichlorobenzene	60	600	< 0.21	< 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	NA	< 0.076	< 0.076	NA	< 0.71	NA	< 0.71
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	NA	< 0.078	< 0.078	NA	< 0.28	NA	< 0.28
1,2-Dichloropropane	0.5	5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1	< 0.1	< 0.1	NA	< 0.10	< 0.10	NA	< 0.28	NA	< 0.28
1,2,3-Trichlorobenzene	NE	NE	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	0.07 BJ	< 0.045	< 0.045	NA	< 0.045	< 0.045	NA	< 0.63	NA	< 2.2
1,2,4-Trichlorobenzene	14	70	< 0.22	< 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	NA	< 0.077	< 0.077	NA	< 0.95	NA	< 0.95
1,3,5-Trimethylbenzene	96	480	1.5	3.4	< 0.18	< 0.18	< 0.18	< 0.18	0.73 J	< 0.18	1.1	1.7	0.45 J	0.17 J	0.15 J	0.15 J	0.15 J	NA	< 0.075	< 0.075	NA	< 0.87	NA	< 0.87
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3	< 3	< 3	NA	< 3.0	< 3.0	NA	< 2.9	NA	< 2.9
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	NA	< 0.95	< 0.95	NA	< 2.5	NA	< 5.2
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	NA	< 0.77	< 0.77	NA	< 1.5	NA	< 4.6
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 3.4	< 3.4	< 3.4	NA	< 3.4	< 13 U	NA	< 2.7	NA	< 2.7
Benzene	0.5	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	0.10 J	< 0.089	< 0.089	NA	< 0.10 J	< 0.089	NA	< 0.25	NA	< 0.25
Bromodichloromethane	0.06	0.6	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	1.2	< 0.077	< 0.077	< 0.077	< 0.077	NA	< 0.077	< 0.077	NA	< 0.36	NA	< 0.36
Bromoform	0.44	4.4	< 0.45	< 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	NA	< 0.088	< 0.088	NA	< 4.0	NA	< 4.0
Bromomethane	1	10	< 0.49	< 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	NA	< 0.59	< 0.59	NA	< 0.97	NA	< 0.97
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	< 0.053	< 0.053	NA	< 0.053	< 0.053	NA	< 0.37	NA	< 0.45
Carbon tetrachloride	0.5	5	< 0.28	< 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	NA	< 0.038	< 0.038	NA	< 0.17	NA	< 1.1
Chloroethane	80	400	< 0.33	< 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	NA	< 0.25	< 0.25	NA	< 1.3	NA	< 1.3
Chloroform	0.6	6	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 0.062	NA	< 0.062	< 0.062	NA	< 1.3	NA	< 1.3
Chloromethane	3	30	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	0.62 BJ	2.2	3.6	3.6	NA	< 0.50 U	< 0.50 U	NA	< 2.2	NA	< 2.2
cis-1,2-Dichloroethene	7	70	< 0.22	< 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	NA	< 0.11	< 0.11	NA	< 0.27	NA	< 0.27
Dichlorodifluoromethane	200	1000	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.11	NA	< 0.11	< 0.11	NA	< 0.50	NA	< 0.50
Ethylbenzene	140	700	9.8	40	0.18 J	< 0.13	< 0.13	8.0	7.5	3.5	6.4	7.1	2.0	0.79	0.75	0.75	0.75	NA	< 0.054	< 0.054	NA	< 0.22	NA	< 0.32
Isopropylbenzene	NE	NE	4.1	12	< 0.14	< 0.14	< 0.14	3.2	2.6	2.1	2.9	3.7	1.4	0.53	0.52	0.52	0.52	NA	< 0.081	< 0.081	NA	< 0.39	NA	< 1.7
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.78 J	0.37 J	0.35 J	0.35 J	0.35 J	NA	< 0.057	< 0.057	NA	< 0.47	NA	< 0.47
Methyl tert-butyl ether	12	60	< 0.28	< 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	NA	< 0.14	< 0.14	NA	< 1.2	NA	< 1.2
Methylene chloride	0.5	5	8.3	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	9.4 cn	< 0.14	< 0.14	< 0.14	< 0.14	NA	< 0.29 U	< 0.35 U	NA	< 0.58	NA	< 0.58
Naphthalene	10	100	19	43	< 0.16	< 0.16	< 0.16	3.8	4.2	1.9	6.6	9.8	2.0 J	0.69 BJ	0.29 BJ	0.29 BJ	0.29 BJ	NA	< 0.088	< 0.088	NA	< 1.2	NA	< 1.2
n-Butylbenzene	NE	NE	< 0.21	< 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	NA	< 0.14	< 0.14	NA	< 0.71	NA	< 0.71
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	< 0.21	NA	< 0.21	< 0.21	NA	< 1.7	NA	< 1.7
n-Propylbenzene	NE	NE	1.8	6.8	< 0.13	< 0.13	< 0.13	1.3	1.5	< 0.13	1.2	1.5	0.46 J	0.19 J	< 0.1	< 0.1	< 0.1	NA	< 0.10	< 0.10	NA	< 0.81	NA	< 0.81
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.17 J	0.11 J	0.1 J	0.1 J	0.1 J	NA	< 0.058	< 0.058	NA	< 0.26	NA	< 0.26
p-Isopropyltoluene	NE	NE	< 0.24	2.4	< 0.17	< 0.17	< 0.17	< 0.17	0.56 J	< 0.17	< 0.17	< 0.17	0.95 J	0.35 J	0.16 J	0.14 J	0.14 J	NA	< 0.085	< 0.085	NA	< 0.80	NA	< 0.80
sec-Butylbenzene	NE	NE	0.56 J	1.8	< 0.15	< 0.15	< 0.15	< 0.15	0.82 J	< 0.15	< 0.15	< 0.15	0.86 J	0.38 J	0.13 J	< 0.13	< 0.13	NA	< 0.13	< 0.13	NA	< 0.85	NA	< 0.85
Styrene	NE	100	< 0.26	0.64 J	< 0.1	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	0.1 BJ	0.07 J	0.07 J	NA	< 0.065	< 0.065	NA	< 0.47	NA	< 3.0
tert-Butylbenzene	NE	NE	< 0.24	< 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	NA	< 0.12	< 0.12	NA	< 0.30	NA	< 0.

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-6S	MW-6S ⁽³⁾	MW-6S	MW-6S	MW-6S	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D ²	MW-6D	MW-6D ³	MW-6D	MW-6D ³	MW-6D	MW-6D ³		
				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	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				04/15/2021	04/15/2021	10/14/2021	04/25/2022	10/21/2022	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	04/20/2013	04/20/2013	07/18/2013	07/18/2013	10/07/2013	10/07/2013	
VOCs																								
1,1,1,2-Tetrachloroethane	7	70	NA	NA	< 0.36	NA	< 0.36	< 0.36	< 13	< 20	< 13	< 0.25	< 2.5	< 10	< 0.62	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	NA	NA	< 0.30	NA	< 0.30	< 0.30	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.52	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.2	< 0.2
1,1,2-Trichloroethane	0.5	5	NA	NA	< 0.34	NA	< 0.34	< 0.34	< 13	< 20	< 13	< 0.25	< 2.5	< 10	< 0.6	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	NA	NA	< 0.58	NA	< 0.58	< 0.58	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.58	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	NA	NA	< 0.45	NA	< 0.45	< 0.45	330	130	130	160	180	74	19	23	25	11	6.1	16	17	41	38	38
1,2-Dibromoethane	0.005	0.05	NA	NA	< 0.31	NA	< 0.31	< 0.31	15	< 16	< 10	11	9.7	< 8	< 0.9	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.72	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	NA	NA	< 0.33	NA	< 0.33	< 0.33	< 10	< 16	< 10	< 0.2	< 2	< 8	< 0.42	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	NA	NA	< 0.29	NA	< 0.29	< 0.29	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.28	< 0.28	
1,2-Dichloropropane	0.5	5	NA	NA	< 0.45	NA	< 0.45	< 0.45	< 25	< 40	< 25	7.2	6	< 20	< 0.72	< 0.4	< 0.4	1.9 J	1.7 J	< 0.4	< 0.4	< 0.2	< 0.2	< 0.2
1,2,3-Trichlorobenzene	NE	NE	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 13	< 20	< 13	< 0.25	< 2.5	< 10	< 0.72	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	NA	NA	< 0.95	NA	< 0.95	< 0.95	< 13	< 20	< 13	< 0.25	< 2.5	< 10	< 0.44	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.31	< 0.31	
1,3,5-Trimethylbenzene	96	480	NA	NA	< 0.36	NA	< 0.36	< 0.36	23	< 16	< 10	13	13	< 8	< 0.46	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	0.71 J	< 0.18
2-Butanone	800	4000	NA	NA	< 6.5	NA	< 6.5	< 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	< 6.3	NA	< 6.3	< 6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	< 6.0	NA	< 6.0	< 6.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	< 8.6	NA	< 8.6	< 8.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	NA	NA	< 0.30	NA	< 0.30	< 0.30	3900	3200	2900	< 0.2	2900	2100	1500	1300	1400	600	500	810	800	1000	840	840
Bromodichloromethane	0.06	0.6	NA	NA	< 0.42	NA	< 0.42	< 0.42	< 10	< 16	< 10	< 0.2	< 2	< 8	< 0.46	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.17	< 0.17	
Bromoform	0.44	4.4	NA	NA	< 3.8	NA	< 3.8	< 3.8	< 10	< 16	< 10	< 0.2	< 2	< 8	< 0.9	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.28	< 0.28	
Bromomethane	1	10	NA	NA	< 1.2	NA	< 1.2	< 1.2	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.98	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.31	< 0.31	
Carbon disulfide	200	1000	NA	NA	< 1.1	NA	< 1.1	< 1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	< 0.37	NA	< 0.37	< 0.37	< 40	< 64	< 40	< 0.8	< 8	< 32	< 0.56	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.26	< 0.26	
Chloroethane	80	400	NA	NA	< 1.4	NA	< 1.4	< 1.4	< 50	< 80	< 50	< 1	< 10	< 40	< 0.66	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.34	< 0.34	
Chloroform	0.6	6	NA	NA	< 1.2	NA	< 1.2	< 1.2	< 10	< 16	< 10	< 0.2	< 2	< 8	3.6	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.2	< 0.2	
Chloromethane	3	30	NA	NA	< 1.6	NA	< 1.6	< 1.6	< 15	< 24	< 15	< 0.3	< 3	< 12	< 0.48	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.18	< 0.18	
cis-1,2-Dichloroethene	7	70	NA	NA	< 0.47	NA	< 0.47	< 0.47	< 25	< 40	< 25	1.4	< 5	< 20	< 0.44	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	0.89 J	< 0.12	
Dichlorodifluoromethane	200	1000	NA	NA	< 0.46	NA	< 0.46	< 0.46	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.52	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.2	< 0.2	
Ethylbenzene	140	700	NA	NA	< 0.33	NA	< 0.33	< 0.33	47	< 40	26	39	35	< 20	8.7	7.5	7.9	3.5	2.8	7.1	7.9	8.1	7.5	
Isopropylbenzene	NE	NE	NA	NA	< 1.0	NA	< 1.0	< 1.0	54	43	32	45	40	35	23	30	32	16	12	27	30	29	27	
m,p-Xylene	400	2000	NA	NA	< 0.70	NA	< 0.70	< 0.70	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methyl tert-butyl ether	12	60	NA	NA	< 1.1	NA	< 1.1	< 1.1	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.56	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.24	< 0.24	
Methylene chloride	0.5	5	NA	NA	< 0.32	NA	< 0.32	< 0.32	< 50	< 80	< 50	< 1	< 10	< 40	< 1.3	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.68	< 0.68	
Naphthalene	10	100	NA	NA	< 1.1	NA	< 1.1	< 1.1	380	280	370	370	360	190	110	54	58	3.9	2.8	50	64	72	71	
n-Butylbenzene	NE	NE	NA	NA	< 0.86	NA	< 0.86	< 0.86	12	< 16	< 10	10	7.9	< 8	< 0.42	< 0.26	< 0.26	< 0.26	< 0.26	5.0	6.3	< 0.13	4.3	
n-Hexane	120	600	NA	NA	< 1.5	NA	< 1.5	< 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	NE	NE	NA	NA	< 0.35	NA	< 0.35	< 0.35	49	< 40	27	36	31	21	11	13	14	5.4	3.6	12	13	14	13	
o-Xylene	400	2000	NA	NA	< 0.35	NA	< 0.35	< 0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
p-Isopropyltoluene	NE	NE	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 10	< 16	< 10	6.5	5.1	< 8	2.6	3.8	3.9	1.7 J	1.2 J	3.2	3.6	3.4	< 0.17	
sec-Butylbenzene	NE	NE	NA	NA	< 0.42	NA	< 0.42	< 0.42	< 13	< 20	< 13	4.7	4.2	< 10	2.2	3.4	3.8	2.0	1.3 J	3.2	3.6	3.2	3.0	
Styrene	10	100	NA	NA	< 0.36	NA	< 0.36	< 0.36	< 25	< 40	< 25	3.5	12	< 20	< 0.52	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.0	< 0.1	
tert-Butylbenzene	NE	NE	NA	NA	< 0.59	NA	< 0.59	< 0.59	< 10	< 16	< 10	< 0.2	< 2	< 8	< 0.48	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.14	< 0.14	
Tetrachloroethene	0.5	5	NA	NA	< 0.41	NA	< 0.41	< 0.41	36	45	27	30	26	28	20	25	26	22	17	23	25	17	16	
Toluene	160	800	NA	NA	< 0.29	NA	< 0.29	< 0.29	130	100	88	120	120	58	36	30	31	9.4	7.8	24	27	38	35	
trans-1,2-Dichloroethene	20	100	NA	NA	< 0.53	NA	< 0.53	< 0.53	< 25	< 40	< 25	< 0.5	< 5	< 20	< 0.54	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.25	< 0.25	
Trichloroethene	0.5	5	NA	NA	< 0.32	NA	< 0.32	< 0.32	< 10	< 1														

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-6D 65.5 - 70.5 ft 04/17/2014	MW-6D ³ 65.5 - 70.5 ft 04/17/2014	MW-6D 65.5 - 70.5 ft 10/16/2014	MW-6D ³ 65.5 - 70.5 ft 10/16/2014	MW-6D 65.5 - 70.5 ft 04/14/2015	MW-6D ³ 65.5 - 70.5 ft 04/14/2015	MW-6D 65.5 - 70.5 ft 10/22/2015	MW-6D ³ 65.5 - 70.5 ft 10/22/2015	MW-6D 65.5 - 70.5 ft 01/22/2016	MW-6D 65.5 - 70.5 ft 04/20/2016	MW-6D 65.5 - 70.5 ft 07/19/2016	MW-6D 65.5 - 70.5 ft 10/12/2016	MW-6D ³ 65.5 - 70.5 ft 10/12/2016	MW-6D 65.5 - 70.5 ft 1/20/2017	MW-6D ³ 65.5 - 70.5 ft 1/20/2017	MW-6D 65.5 - 70.5 ft 04/11/2017	MW-6D ³ 65.5 - 70.5 ft 04/11/2017	MW-6D 65.5 - 70.5 ft 10/09/2017	MW-6D 65.5 - 70.5 ft 04/04/2018
VOCs																						
1,1,1,2-Tetrachloroethane	7	70		< 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	< 11	< 5.5	< 11	< 1.1	< 5.5	< 0.11
1,1,1-Trichloroethane	40	200		< 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	< 10	< 5.0	< 10	< 1.0	< 5	< 0.10
1,1,2-Trichloroethane	0.5	5		< 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	< 10	< 5.0	< 10	< 1.0	< 5	< 0.10
1,1-Dichloroethene	0.7	7		< 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	< 14	< 7.0	< 14	< 1.4	< 7	< 0.14
1,2,4-Trimethylbenzene	96	480		9.7	8.9	13	13	4.0	4.2	6.9	6.6	9.0 J	15 J	57	100	110	110 B	110	96	110	170	140
1,2-Dibromoethane	0.005	0.05		< 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	< 13	< 6.5	< 13	< 1.3	< 6.5	< 0.13
1,2-Dichlorobenzene	60	600		< 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	< 7.6	< 3.8	< 7.6	< 0.76	< 3.8	< 0.076
1,2-Dichloroethane	0.5	5		< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56	< 0.39	< 0.78	< 2.6	< 3.9	< 0.78	< 3.9	< 3.9	< 7.8	< 3.9	< 7.8	< 0.78	< 3.9	< 0.078
1,2-Dichloropropane	0.5	5		< 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	< 10	< 5.0	< 10	< 1.0	< 5	< 0.10
1,2,3-Trichlorobenzene	NE	NE		< 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	< 4.5	< 2.3	< 4.5	< 0.45	< 2.3	< 0.045
1,2,4-Trichlorobenzene	14	70		< 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	< 7.7	< 3.9	< 7.7	< 0.77	< 3.9	< 0.077
1,3,5-Trimethylbenzene	96	480		< 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	< 7.5	< 3.8	< 7.5	< 0.75	< 3.8	2.1
2-Butanone	800	4000		NA	NA	NA	NA	NA	NA	NA	NA	< 60	< 150	< 30	< 150	< 150	< 300	< 150	< 300	< 30	< 150	< 3.0
2-Hexanone	NE	NE		NA	NA	NA	NA	NA	NA	NA	NA	< 19	< 48	< 9.5	< 48	< 48	< 95	< 48	< 95	< 9.5	< 48	< 0.95
4-Methyl-2-pentanone	50	500		NA	NA	NA	NA	NA	NA	NA	NA	< 15	< 39	< 7.7	< 39	< 39	< 77	< 39	< 77	< 7.7	< 39	< 0.77
Acetone	1800	9000		NA	NA	NA	NA	NA	NA	NA	NA	< 68	< 170	< 34	< 170	< 170	< 340	< 170	< 340	< 34	< 170	20
Benzene	0.5	5		650	710	990	980	790	700	660	560	610	810	1400	1600	1700	2100	2200	1700	1700	2000	2200
Bromodichloromethane	0.06	0.6		< 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	< 7.7	< 3.9	< 7.7	< 0.77	< 3.9	< 0.077
Bromoform	0.44	4.4		< 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	< 8.8	< 4.4	< 8.8	< 0.88	< 4.4	< 0.088
Bromomethane	1	10		< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.62	< 0.80	< 1.2	< 12	< 30	< 5.9	< 30	< 30	< 59	< 30	< 59	< 5.9	< 30	< 0.59
Carbon disulfide	200	1000		NA	NA	NA	NA	NA	NA	NA	NA	< 1.1	< 2.7	< 0.53	8.5 J	< 2.7	< 5.3	< 2.7	< 5.3	< 0.53	< 2.7	< 0.053
Carbon tetrachloride	0.5	5		< 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	< 3.8	< 1.9	< 3.8	< 0.38	< 1.9	< 0.038
Chloroethane	80	400		< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 5.0	< 13	< 2.5	< 13	< 13	< 25	< 13	< 25	< 2.5	< 13	< 0.25
Chloroform	0.6	6		< 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	< 6.2	< 3.1	< 6.2	< 0.62	< 3.1	< 0.062
Chloromethane	3	30		< 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	28 BJ	9.5 BJ	< 16	< 1.6	19 J	< 0.16
cis-1,2-Dichloroethene	7	70		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	< 11	< 5.5	< 11 J	7.3 J	< 5.5	8.3
Dichlorodifluoromethane	200	1000		< 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	< 11	< 5.5	< 11	< 1.1	< 5.5	< 0.11
Ethylbenzene	140	700		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	21 J	20 J	23 J	22	36	47
Isopropylbenzene	NE	NE		22	21	24	20	13	17	13	16	5.8 J	22 J	31	31	28	29 BJ	31	33 J	34	33	30
m,p-Xylene	400	2000		NA	NA	NA	NA	NA	NA	NA	NA	8.2 J	22 J	98	140	130	110 B	110 B	73 J	80	140	55
Methyl tert-butyl ether	12	60		< 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	< 14	< 7.0	< 14	< 1.4	< 7	< 0.14
Methylene chloride	0.5	5		< 1.4	< 1.4	76	61	< 1.4	< 1.4	< 1.6	< 3.3	< 2.8	< 7.0	51	< 7.0	< 7.0	< 14	< 7.0	< 14	< 1.4	< 7	< 0.14
Naphthalene	10	100		12	10	18	15	< 0.32	< 0.32	2.9	2.6	< 1.8	7.0 BJ	67	110 J	110 J	140 BJ	140 J	81 J	110 J	140 BJ	65
n-Butylbenzene	NE	NE		< 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	< 14	< 7.0	< 14 J	6.3 J	< 7	4.2
n-Hexane	120	600		NA	NA	NA	NA	NA	NA	NA	NA	< 4.2	< 11	< 2.1	< 11	< 11	< 21	< 11	< 21	< 2.1	< 11	< 0.21
n-Propylbenzene	NE	NE		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	23 J	21 J	24 J	24	28	30
o-Xylene	400	2000		NA	NA	NA	NA	NA	NA	NA	NA	2.6 J	< 2.9	5.3	8.0 J	6.5 J	13 BJ	11 BJ	9.0 J	8.7	9.5 J	6.8
p-Isopropyltoluene	NE	NE		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	< 8.5	< 4.3	< 8.5	< 0.85	< 4.3	3.7
sec-Butylbenzene	NE	NE		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	< 13	< 6.5	< 13	< 1.3	< 6.5	3.8
Styrene	10	100		< 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	< 6.5	< 3.3	< 6.5	< 0.65	6 J	< 0.065
tert-Butylbenzene	NE	NE		< 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	< 12	< 6.0	< 12	< 1.2	< 6	0.35 J
Tetrachloroethene	0.5	5		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	< 8.1	< 4.1	< 8.1	0.90 J	9 BJ	0.53
Toluene	160	800		25	24	26	27	17	17	22	22	13	23 J	65	90	95	120 B	110 B	100	110	140	140
trans-1,2-Dichloroethene	20	100		< 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	< 11	< 5.5	< 11 J	1.8 J	< 5.5	3.3
Trichloroethene	0.5	5		24	23	31	28	21	22	19	18	8.4 J	24 J	25	24 J	22 J	23 BJ	20 BJ	23 J	26	20 J	15
Trichlorofluoromethane	698	3490		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 10	< 25	< 5.0	< 25	< 25	< 50	< 25	< 50	< 5.0	< 25	

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-6D	MW-6D	MW-6D ³	MW-6D	MW-6D	MW-6D ³	MW-6D	MW-6D ⁽³⁾	MW-6D	MW-6D	MW-6D ³	MW-6D	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8			
				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	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	
SAMPLE DATE				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	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		
VOCs																														
1,1,1,2-Tetrachloroethane	7	70		< 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	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	
1,1,1-Trichloroethane	40	200		< 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	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
1,1,2-Trichloroethane	0.5	5		< 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	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.25	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
1,1-Dichloroethane	0.7	7		< 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	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.5	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	
1,2,4-Trimethylbenzene	96	480		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	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.2	< 0.22	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	
1,2-Dibromoethane	0.005	0.05		< 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	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.2	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	
1,2-Dichlorobenzene	60	600		< 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	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.2	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	
1,2-Dichloroethane	0.5	5		< 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	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
1,2-Dichloropropane	0.5	5		< 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	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
1,2,3-Trichlorobenzene	NE	NE		< 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	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.25	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	
1,2,4-Trichlorobenzene	14	70		< 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	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.25	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	
1,3,5-Trimethylbenzene	96	480		< 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	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.2	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	
2-Butanone	800	4000		< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE		< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500		< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000		< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5		1500	1210	1280	1180	632	641	432	423	343	183	246	370	380	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.2	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	
Bromodichloromethane	0.06	0.6		< 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	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.2	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	
Bromoform	0.44	4.4		< 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	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.2	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
Bromomethane	1	10		< 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	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.5	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	
Carbon disulfide	200	1000		< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5		< 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	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.8	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	
Chloroethane	80	400		< 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	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 1	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	
Chloroform	0.6	6		< 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	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Chloromethane	3	30		< 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	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.3	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	
cis-1,2-Dichloroethane	7	70		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	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.5	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	
Dichlorodifluoromethane	200	1000		< 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	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Ethylbenzene	140	700		34	32.0	38.1	21.7 J	8.0 J	7.4 J	3.4 J	3.7 J	3.3	2.8	7.7	6.8	6.8	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.5	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	
Isopropylbenzene	NE	NE		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	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.2	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	
m,p-Xylene	400	2000		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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60		< 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	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.5	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	
Methylene chloride	0.5	5		< 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	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 1	< 0.63						

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-9D 44 - 49 ft 09/09/2011	MW-9D 44 - 49 ft 04/11/2012	MW-9D ³ 44 - 49 ft 04/11/2012	MW-9D 44 - 49 ft 01/15/2013	MW-9D 44 - 49 ft 04/18/2013	MW-9D 44 - 49 ft 07/18/2013	MW-9D 44 - 49 ft 10/04/2013	MW-9D 44 - 49 ft 04/16/2014	MW-9D 44 - 49 ft 10/14/2014	MW-9D 44 - 49 ft 04/09/2015	MW-9D 44 - 49 ft 10/20/2015	MW-9D 44 - 49 ft 10/13/2016	MW-9D 44 - 49 ft 10/04/2017	MW-9D 44 - 49 ft 10/11/2018	MW-9D 44 - 49 ft 10/16/2019	MW-9D ³ 44 - 49 ft 10/16/2019	MW-9D 44 - 49 ft 10/14/2020	MW-9D 44 - 49 ft 10/18/2021	MW-9D 44 - 49 ft 10/19/2022	MW-9D2 64 - 69 ft 09/09/2011	MW-9D2 64 - 69 ft 04/11/2012	
VOCS																									
1,1,1,2-Tetrachloroethane	7	70		< 0.25	< 0.31	< 0.31	< 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	< 0.27	< 0.36	< 0.36	< 0.25	< 0.31
1,1,1-Trichloroethane	40	200		< 0.5	< 0.26	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.5	< 0.26
1,1,2-Trichloroethane	0.5	5		< 0.25	< 0.3	< 0.3	< 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	< 0.55	< 0.34	< 0.34	< 0.25	< 0.3
1,1-Dichloroethene	0.7	7		< 0.5	< 0.29	< 0.29	< 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	< 0.24	< 0.58	< 0.58	< 0.5	< 0.29
1,2,4-Trimethylbenzene	96	480		< 0.2	< 0.22	< 0.22	< 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	< 0.84	< 0.45	< 0.45	< 0.2	< 0.22
1,2-Dibromoethane	0.005	0.05		< 0.2	< 0.45	< 0.45	< 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	< 0.83	< 0.31	< 0.31	< 0.2	< 0.45
1,2-Dichlorobenzene	60	600		< 0.2	< 0.21	< 0.21	< 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	< 0.71	< 0.33	< 0.33	< 0.2	< 0.21
1,2-Dichloroethane	0.5	5		< 0.5	< 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	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29	< 0.5	< 0.28
1,2-Dichloropropane	0.5	5		< 0.5	< 0.36	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.5	< 0.36
1,2,3-Trichlorobenzene	NE	NE		< 0.25	< 0.36	< 0.36	< 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	< 0.63	< 2.2	< 1.0	< 1.0	< 0.25	< 0.36
1,2,4-Trichlorobenzene	14	70		< 0.25	< 0.22	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.46	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.25	< 0.22
1,3,5-Trimethylbenzene	96	480		< 0.2	< 0.23	< 0.23	< 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	< 0.87	< 0.36	< 0.36	< 0.2	< 0.23
2-Butanone	800	4000		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3.0	< 3.0	< 2.9	< 2.9	NA	NA
2-Hexanone	NE	NE		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 2.5	< 2.5	< 6.3	< 6.3
4-Methyl-2-pentanone	50	500		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 1.5	< 1.5	NA	NA
Acetone	1800	9000		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	17 BJ	< 10 U	< 2.7	< 2.7	< 8.6	NA
Benzene	0.5	5		< 0.2	< 0.12	< 0.12	< 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	< 0.25	< 0.30	< 0.30	< 0.2	< 0.12
Bromodichloromethane	0.06	0.6		< 0.2	< 0.23	< 0.23	< 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	< 0.36	< 0.42	< 0.42	< 0.2	< 0.23
Bromoform	0.44	4.4		< 0.2	< 0.45	< 0.45	< 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	< 4.0	< 3.8	< 3.8	< 0.2	< 0.45
Bromomethane	1	10		< 0.5	< 0.49	< 0.49	< 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	< 0.97	< 1.2	< 1.2	< 0.5	< 0.49
Carbon disulfide	200	1000		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.16 J	< 0.053	< 0.053	< 0.37	< 0.37	NA	NA
Carbon tetrachloride	0.5	5		< 0.8	< 0.28	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	0.09 J	< 0.038	< 0.17	< 0.17	< 1.1	< 0.37	< 0.8	< 0.28	
Chloroethane	80	400		< 1	< 0.33	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.25	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4	< 1	< 0.33
Chloroform	0.6	6		< 0.2	< 0.25	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2	< 0.2	< 0.25
Chloromethane	3	30		< 0.3	< 0.24	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	0.63 BJ	4.7	< 0.57 U	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 0.3	< 0.24
cis-1,2-Dichloroethene	7	70		< 0.5	< 0.22	< 0.22	< 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	< 0.27	< 0.47 J	< 0.47	12	11
Dichlorodifluoromethane	200	1000		< 0.5	< 0.26	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	0.13 J	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46	< 0.5	< 0.26
Ethylbenzene	140	700		< 0.5	< 0.14	< 0.14	< 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	< 0.22	< 0.22	< 0.33	< 0.33	< 0.5	< 0.14
Isopropylbenzene	NE	NE		< 0.2	< 0.21	< 0.21	< 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	< 0.39	< 0.39	< 1.0	< 1.0	< 0.2	< 0.21
m,p-Xylene	400	2000		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	NA	NA
Methyl tert-butyl ether	12	60		< 0.28	< 0.28	< 0.28	< 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	< 1.2	< 1.1 J	< 1.1	7.4	9.3
Methylene chloride	0.5	5		< 1	9	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 0.14	< 0.14	< 0.56 U	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32	< 1	8.8
Naphthalene	10	100		< 0.25	< 0.24	< 0.24	< 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	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1	< 0.25	< 0.24
n-Butylbenzene	NE	NE		< 0.2	< 0.21	< 0.21	< 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	< 0.71	< 0.86	< 0.86	< 0.2	< 0.21
n-Hexane	120	600		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	NA	NA
n-Propylbenzene	NE	NE		< 0.5	< 0.19	< 0.19	< 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	< 0.81	< 0.35	< 0.35	< 0.5	< 0.19
o-Xylene	400	2000		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	NA	NA
p-Isopropyltoluene	NE	NE		< 0.2	< 0.24	< 0.24	< 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	< 0.80	< 1.0	< 1.0	< 0.2	< 0.24
sec-Butylbenzene	NE	NE		< 0.25	< 0.19																				

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-9D2 64 - 69 ft 04/05/2018	MW-9D2 64 - 69 ft 10/11/2018	MW-9D2 ² 64 - 69 ft 10/11/2018	MW-9D2 64 - 69 ft 04/09/2019	MW-9D2 64 - 69 ft 10/16/2019	MW-9D2 64 - 69 ft 10/14/2020	MW-9D2 64 - 69 ft 04/14/2021	MW-9D2 64 - 69 ft 10/18/2021	MW-9D2 ² 64 - 69 ft 10/18/2021	MW-9D2 64 - 69 ft 04/26/2022	MW-9D2 64 - 69 ft 10/19/2022	MW-9D2 64 - 69 ft 4/11/2023	MW-10S 11 - 21 ft 04/10/2012	MW-10S 11 - 21 ft 05/09/2012	MW-10S 11 - 21 ft 01/15/2013	MW-10S 11 - 21 ft 04/17/2013	MW-10S 11 - 21 ft 07/17/2013	MW-10S 11 - 21 ft 10/09/2013	MW-11S 24 - 34 ft 04/12/2012	MW-11S 24 - 34 ft 05/09/2012	MW-11S 24 - 34 ft 01/15/2013	MW-11S 24 - 34 ft 04/17/2013	MW-11S 24 - 34 ft 07/18/2013			
VOCs																												
1,1,1,2-Tetrachloroethane	7	70	< 0.11	< 0.11	< 0.22	< 0.54	< 0.27	< 0.27	< 0.36	< 0.36	< 0.36	< 0.71	< 1.8	< 0.46	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.31	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	
1,1,1-Trichloroethane	40	200	< 0.10	< 0.10	< 0.20	< 0.49	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.61	< 1.5	< 0.38	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
1,1,2-Trichloroethane	0.5	5	< 0.10	< 0.10	< 0.20	< 1.1	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.69	< 1.7	< 0.35	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.3	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
1,1-Dichloroethane	0.7	7	< 0.14	< 0.14	< 0.28	< 0.49	< 0.24	< 0.24	< 0.58	< 0.58	< 0.58	< 1.2	< 2.9	< 0.39	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.29	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	
1,2,4-Trimethylbenzene	96	480	< 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	0.76 J	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	0.55 J	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	
1,2-Dibromoethane	0.005	0.05	< 0.13	< 0.13	< 0.26	< 1.7	< 0.83	< 0.83	< 0.31	< 0.31	< 0.31	< 0.62	< 1.5	< 0.39	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.45	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	
1,2-Dichlorobenzene	60	600	< 0.076	< 0.076	< 0.15	< 1.4	< 0.71	< 0.71	< 0.33	< 0.33	< 0.33	< 0.65	< 1.6	< 0.33	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.21	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	
1,2-Dichloroethane	0.5	5	< 0.078	< 0.078	< 0.16	< 0.56	< 0.28	< 0.28	< 0.29	< 0.29	< 0.29	< 0.58	< 1.5	< 0.39	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
1,2-Dichloropropane	0.5	5	< 0.10	< 0.10	< 0.20	< 0.57	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	< 0.90	< 2.2	< 0.43	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.36	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
1,2,3-Trichlorobenzene	NE	NE	< 0.045	< 0.045	< 0.090	< 1.3	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	< 2.0	< 5.1	< 0.46	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.36	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	
1,2,4-Trichlorobenzene	14	70	< 0.077	< 0.077	< 0.15	< 1.9	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 1.9	< 4.8	< 0.34	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.22	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	
1,3,5-Trimethylbenzene	96	480	< 0.075	< 0.075	< 0.15	< 1.7	< 0.87	< 0.87	< 0.36	< 0.36	< 0.36	< 0.71	< 1.8	< 0.25	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.23	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	
2-Butanone	800	4000	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 3.4	< 6.7 U	< 6.8	< 5.5	< 2.7	< 8.6	< 8.6	< 8.6	< 8.6	< 17.3	< 43.2	4.8 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 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	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.12	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	
Bromodichloromethane	0.06	0.6	< 0.077	< 0.077	< 0.15	< 0.73	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42	< 0.83	< 2.1	< 0.37	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.23	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	
Bromoform	0.44	4.4	< 0.088	< 0.088	< 0.18	< 7.9	< 4.0	< 4.0	< 3.8	< 3.8	< 3.8	< 7.6	< 19.0	< 0.48	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.45	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
Bromomethane	1	10	< 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	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.49	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	
Carbon disulfide	200	1000	< 0.053	< 0.053	< 0.11	< 0.75	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	< 2.2	< 5.5	< 0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.038	< 0.038	< 0.076	< 0.33	< 0.17	< 1.1	< 0.37	< 0.37	< 0.37	< 0.74	< 1.8	< 0.38	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.28	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	
Chloroethane	80	400	< 0.25	< 0.50	< 0.25	< 2.7	< 1.3	< 1.3	< 1.4	< 1.4	< 1.4	< 2.8	< 6.9	< 0.51	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.33	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	
Chloroform	0.6	6	< 0.062	< 0.062	< 0.12	< 2.5	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	< 2.4	< 5.9	< 0.37	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Chloromethane	3	30	< 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	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.24	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	
cis-1,2-Dichloroethene	7	70	1.7	53	54	64.1	50.7	103	103	10.5 J	7.1 J	85.1	85.8	93	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.22	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	
Dichlorodifluoromethane	200	1000	< 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	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.26	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Ethylbenzene	140	700	< 0.054	< 0.054	< 0.11	< 0.44	< 0.22	< 0.32	< 0.33	< 0.33	< 0.33	< 0.65	< 1.6	< 0.18	0.20 J	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.14	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	
Isopropylbenzene	NE	NE	< 0.081	< 0.081	< 0.16	< 0.79	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	< 2.0	< 5.0	< 0.39	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.21	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	
m,p-Xylene	400	2000	< 0.057	< 0.057	< 0.11	< 0.93	< 0.47	< 0.47	< 0.70	< 0.70	< 0.70	< 1.4	< 3.5	< 0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methyl tert-butyl ether	12	60	< 0.14	54	54	30	47.3	17.3	14.1	13.2 J	8.4 J	10.2	23.6 J	7.0	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.28	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	
Methylene chloride	0.5	5	< 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	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.63	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	
Naphthalene	10	100	< 0.088	< 0.088	< 0.18	< 2.4	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 2.3	< 5.6	< 0.34	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.24	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	
n-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.28	< 1.4	< 0.71	< 0.71	< 0.86	< 0.86	< 0.86	< 1.7	< 4.3	< 0.39	< 0.21													

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

WELL ID SCREEN INTERVAL (feet bgs) SAMPLE DATE	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	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	MP-13	MP-13		
			44 - 48 ft 04/16/2014	44 - 48 ft 10/14/2014	44 - 48 ft 04/14/2015	44 - 48 ft 10/16/2015	44 - 48 ft 10/10/2016	44 - 48 ft 10/03/2017	44 - 48 ft 10/09/2018	44 - 48 ft 10/08/2019	44 - 48 ft 10/12/2020	44 - 48 ft 10/11/2021	44 - 48 ft 10/18/2022	67 - 71 ft 12/06/2012	67 - 71 ft 01/19/2013	67 - 71 ft 02/21/2013	67 - 71 ft 04/17/2013	67 - 71 ft 07/22/2013	67 - 71 ft 10/07/2013	67 - 71 ft 04/16/2014	67 - 71 ft 10/14/2014	67 - 71 ft 04/14/2015	67 - 71 ft 10/16/2015	67 - 71 ft 10/10/2016	67 - 71 ft 10/03/2017	67 - 71 ft 10/09/2018	67 - 71 ft 10/08/2019		
VOCs																													
1,1,1,2-Tetrachloroethane	7	70	< 0.50	< 0.50	< 0.50	< 0.46	< 1.1	< 0.44	< 0.11	< 0.27	< 0.27	< 0.36	< 0.89	< 1.3	< 1.3	< 1.3	< 2.5	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.92	< 1.1	< 0.22	< 0.11	< 0.27	
1,1,1-Trichloroethane	40	200	< 0.40	< 0.40	< 0.40	< 0.38	< 1.0	< 0.4	< 0.10	< 0.24	< 0.24	< 0.30	< 0.76	< 1	< 1	< 1	< 2	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 0.76	< 1.0	< 0.2	< 0.10	< 0.24	
1,1,2-Trichloroethane	0.5	5	< 0.56	< 0.56	< 0.56	< 0.35	< 1.0	< 0.4	< 0.10	< 0.55	< 0.55	< 0.34	< 0.86	< 1.4	< 1.4	< 1.4	< 2.8	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.70	< 1.0	< 0.2	< 0.10	< 0.55	
1,1-Dichloroethane	0.7	7	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	2.8 J	3.1 J	< 1.6	< 3.1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.78	< 1.4	< 0.28	< 0.14	< 0.24	
1,2,4-Trimethylbenzene	96	480	< 0.28	< 0.28	< 0.28	< 0.36	< 0.60	< 0.24	< 0.060	< 0.84	< 0.84	< 0.45	< 1.1	< 0.7	< 0.7	< 0.7	< 1.4	< 0.7	< 0.7	< 0.70	< 0.70	< 0.70	< 0.72	< 0.60	< 0.12	< 0.060	< 0.84		
1,2-Dibromoethane	0.005	0.05	< 0.72	< 0.72	< 0.72	< 0.39	< 1.3	< 0.52	< 0.13	< 0.83	< 0.83	< 0.31	< 0.77	< 1.8	< 1.8	< 1.8	< 3.6	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 0.77	< 1.3	< 0.26	< 0.13	< 0.83	
1,2-Dichlorobenzene	60	600	< 0.54	< 0.54	< 0.54	< 0.33	< 0.76	< 0.3	< 0.076	< 0.71	< 0.71	< 0.33	< 0.81	< 1.4	< 1.4	< 1.4	< 2.7	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.67	< 0.76	< 0.15	< 0.076	< 0.71	
1,2-Dichloroethane	0.5	5	< 0.56	< 0.56	< 0.56	< 0.39	< 0.78	< 0.31	< 0.078	< 0.28	< 0.28	< 0.29	< 0.73	< 1.4	< 1.4	< 1.4	< 2.8	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.78	< 1.4	< 0.16	< 0.078	< 0.73	
1,2-Dichloropropane	0.5	5	< 0.40	< 0.40	< 0.40	< 0.43	< 1.0	< 0.4	< 0.10	< 0.28	< 0.28	< 0.45	< 1.1	< 1	< 1	< 1	< 2	< 1	< 1	< 1.0	< 1.0	< 1.0	< 0.86	< 1.0	< 0.2	< 0.10	< 0.28		
1,2,3-Trichlorobenzene	NE	NE	< 0.48	< 0.48	< 0.48	< 0.46	< 0.45	< 0.18	< 0.045	< 0.63	< 2.2	< 1.0	< 2.5	< 1.2	< 1.2	< 1.2	< 2.4	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.92	< 0.45	< 0.09	< 0.045	< 0.63	
1,2,4-Trichlorobenzene	14	70	< 0.62	< 0.62	< 0.62	< 0.34	< 0.77	< 0.31	< 0.077	< 0.95	< 0.95	< 0.95	< 2.4	< 1.6	< 1.6	< 1.6	< 3.1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.68	< 0.77	< 0.15	< 0.077	< 0.95	
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.36	< 0.36	< 0.25	< 0.75	< 0.3	< 0.075	< 0.87	< 0.87	< 0.36	< 0.89	< 0.9	< 0.9	< 0.9	< 1.8	< 0.9	< 0.9	< 0.90	< 0.90	< 0.90	< 0.51	< 0.75	< 0.15	< 0.075	< 0.87		
2-Butanone	800	4000	NA	NA	NA	NA	< 30	< 12	< 3.0	< 2.9	< 2.9	< 6.5	< 16.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 30	< 6	< 3.0	< 2.9	
2-Hexanone	NE	NE	NA	NA	NA	NA	< 9.5	< 3.8	< 0.95	< 2.5	< 5.2	< 6.3	< 15.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 9.5	< 1.9	< 0.95	< 2.5	
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	< 7.7	< 3.1	< 0.77	< 1.5	< 4.6	< 6.0	< 14.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 7.7	< 1.5	< 0.77	< 1.5	
Acetone	1800	9000	NA	NA	NA	NA	< 34	< 14	< 4.7 U	< 2.7	< 2.7	< 8.6	< 21.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 34	< 6.8	< 3.4	< 2.7	
Benzene	0.5	5	< 0.15	< 0.15	< 0.15	< 0.15	< 0.89	< 0.36	< 0.090 J	< 0.25	< 0.25	< 0.30	< 0.74	< 0.37	1.1 J	< 0.37	< 0.74	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.29	< 0.89	< 0.18	< 0.089	< 0.25	
Bromodichloromethane	0.06	0.6	< 0.34	< 0.34	< 0.34	< 0.37	< 0.77	< 0.31	< 0.077	< 0.36	< 0.36	< 0.42	< 1.0	< 0.85	< 0.85	< 0.85	< 1.7	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.74	< 0.77	< 0.15	< 0.077	< 0.36	
Bromoform	0.44	4.4	< 0.56	< 0.56	< 0.56	< 0.48	< 0.88	< 0.35	< 0.088	< 4.0	< 4.0	< 3.8	< 9.5	< 1.4	< 1.4	< 1.4	< 2.8	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 0.97	< 0.88	< 0.18	< 0.088	< 4.0	
Bromomethane	1	10	< 0.62	< 0.62 *	< 0.62	< 0.80	< 5.9	< 2.4	< 0.59	< 0.97	< 0.97	< 1.2	< 3.0	< 1.6	< 1.6	< 1.6	< 3.1	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6 *	< 1.6	< 1.2	< 0.59	< 0.97	
Carbon disulfide	200	1000	NA	NA	NA	NA	< 0.53	< 0.21	< 0.053	< 0.37	< 0.45	< 1.1	< 2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.53	< 0.11	< 0.053	< 0.37	
Carbon tetrachloride	0.5	5	< 0.52	< 0.52	< 0.52	< 0.38	< 0.38	< 0.15	< 0.038	< 0.17	< 1.1	< 0.37	< 0.92	< 1.3	< 1.3	< 1.3	< 2.6	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.77	< 0.38	< 0.076	< 0.038	< 0.17	
Chloroethane	80	400	< 0.68	< 0.68	< 0.68	< 0.47	< 2.5	< 1	< 0.25	< 1.3	< 1.3	< 1.4	< 3.4	< 1.7	< 1.7	< 1.7	< 3.4	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 0.94	< 2.5	< 0.5	< 0.25	< 1.3	
Chloroform	0.6	6	< 0.40	< 0.40	< 0.40	< 0.37	< 0.62	< 0.25	< 0.46 U	< 1.3	< 1.3	< 1.2	< 3.0	< 1	< 1	< 1	< 2	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.0	< 0.74	< 0.62	0.18 J	< 0.65 U	1.5 J	
Chloromethane	3	30	< 0.36	< 0.36	< 0.36	< 0.32	4.3 BJ	< 0.64	< 0.16	< 2.2	< 2.2	< 1.6	< 4.1	< 0.9	< 0.9	< 0.9	< 1.8	< 0.9	< 0.90	< 0.90	< 0.90	< 0.64	4.7 BJ	< 0.32	< 0.16	< 2.2			
cis-1,2-Dichloroethene	7	70	450	440	360	220	97	50	26	17.5	10.9	18.4	28	3500	3100	2900	3200	2300	1500	1300	810	710	470	89	24	14	5.5		
Dichlorodifluoromethane	200	1000	< 0.40	< 0.40	< 0.40	< 0.54	< 1.1	< 0.44	< 0.11	< 0.50	< 0.50	< 0.46	< 1.1	< 1	< 1	< 1	< 2	< 1	< 1	< 1.0	< 1.0	< 1.0	< 1.1	< 1.1	< 0.22	< 0.11	< 0.50		
Ethylbenzene	140	700	< 0.26	< 0.26	< 0.26	< 0.18	< 0.54	< 0.22	< 0.054	< 0.22	< 0.32	< 0.33	< 0.81	< 0.65	< 0.65	< 0.65	< 1.3	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.37	< 0.54	< 0.11	< 0.054	< 0.22	
Isopropylbenzene	NE	NE	< 0.28	< 0.28	< 0.28	< 0.39	< 0.81	< 0.32	< 0.081	< 0.39	< 1.7	< 1.0	< 2.5	< 0.7	< 0.7	< 0.7	< 1.4	< 0.7	< 0.7	< 0.70	< 0.70	< 0.70	< 0.77	< 0.81	< 0.16	< 0.081	< 0.39		
m,p-Xylene	400	2000	NA	NA	NA	NA	< 0.57	< 0.23	< 0.057	< 0.47	< 0.47	< 0.70	< 1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.57	< 0.11	< 0.057	< 0.47	
Methyl tert-butyl ether	12	60	< 0.48	< 0.48	< 0.48	< 0.39	< 1.4	< 0.56	< 0.14	< 1.2	< 1.2	< 1.1	< 2.8	< 1.2	< 1.2	< 1.2	< 2.4	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.79	< 1.4	< 0.28	< 0.14	< 1.2	
Methylene chloride	0.5	5	< 1.4	< 1.4	< 1.4	< 1.6	< 1.4	< 0.56	< 0.43 U	< 0.58	< 0.58	< 0.32	< 0.80	< 3.4	< 3.4	< 3.4	< 6.8	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.3	< 1.4	< 0.28	< 0.51 U	< 0.58
Naphthalene	10	100	< 0.32	< 0.32	< 0.32	< 0.34	< 0.88	< 0.35	< 0.088	< 1.2	< 1.2	< 1.1	< 2.8	< 0.8	< 0.8	< 0.8	< 1.6	< 0.8	< 0.8	< 0.80	< 0.80	< 0.80	< 0.80	< 0.67	< 0.88	< 0.18	< 0.088	< 1.2	
n-Butylbenzene	NE	NE	< 0.26	< 0.26	< 0.26	< 0.39	< 1.4	< 0.56	< 0.14	< 0.71	< 0.71	< 0.86	< 2.1	< 0.65	< 0.65	< 0.65	< 1.3	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.78	< 1.4	< 0.28	< 0.14	< 0.71
n-Hexane	120	600	NA	NA	NA	NA	< 2.1	< 0.84	< 0.21	< 1.7	< 1.7	< 1.5	< 3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.1	< 0.42	< 0.21	< 1.7	
n-Propylbenzene	NE	NE	< 0.26	< 0.26	< 0.26	< 0.41	< 1.0	< 0.4	< 0.10	< 0.81	< 0.81	< 0.35	< 0.86	< 0.65	< 0.65	< 0.65	< 1.3	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.83	< 1.0	< 0.2	< 0.10	< 0.81
o-Xylene	4																												

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MP-13 121 - 125 ft 02/20/2013	MP-13 121 - 125 ft 04/17/2013	MP-13 121 - 125 ft 07/22/2013	MP-13 121 - 125 ft 10/07/2013	MP-13 121 - 125 ft 04/16/2014	MP-13 121 - 125 ft 10/14/2014	MP-13 121 - 125 ft 04/14/2015	MP-13 121 - 125 ft 10/16/2015	MP-13 121 - 125 ft 10/10/2016	MP-13 121 - 125 ft 10/03/2017	MP-13 121 - 125 ft 10/09/2018	MP-13 121 - 125 ft 10/08/2019	MP-13 121 - 125 ft 10/12/2020	MP-13 121 - 125 ft 10/11/2021	MP-13 121 - 125 ft 10/17/2022	MP-13 135 - 139 ft 12/04/2012	MP-13 135 - 139 ft 01/17/2013	MP-13 135 - 139 ft 02/20/2013	MP-13 135 - 139 ft 04/17/2013	MP-13 135 - 139 ft 07/22/2013	MP-13 135 - 139 ft 10/07/2013	MP-13 135 - 139 ft 04/16/2014	MP-13 135 - 139 ft 10/14/2014		
VOCS																												
1,1,1,2-Tetrachloroethane	7	70	NA	< 5	< 2.5	1.1	< 5.0	< 2.5	< 2.5	< 9.2	< 11	< 5.5	< 5.5	< 0.27	< 0.27	< 3.6	< 1.8	< 0.5	< 1.3	NA	< 2.5	< 2.5	< 1.3	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1,1-Trichloroethane	40	200	NA	< 4	< 2	< 0.2	< 4.0	< 2.0	< 2.0	< 7.6	< 10	< 5	< 5.0	< 0.24	< 0.24	< 3.0	< 1.5	< 0.4	< 1	NA	< 2	< 2	< 1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,1,2-Trichloroethane	0.5	5	NA	< 5.6	< 2.8	< 0.28	< 5.6	< 2.8	< 2.8	< 7.0	< 10	< 5	< 5.0	< 0.55	< 0.55	< 3.4	< 1.7	< 0.56	< 1.4	NA	< 2.8	< 2.8	< 1.4	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
1,1-Dichloroethane	0.7	7	NA	< 6.2	< 3.1	< 0.31	< 6.2	< 3.1	< 3.1	< 7.8	< 14	< 7	< 7.0	< 0.24	< 0.24	< 5.8	< 2.9	1.5 J	< 1.6	NA	< 3.1	< 3.1	< 1.6	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
1,2,4-Trimethylbenzene	96	480	NA	< 2.8	< 1.4	< 0.14	< 2.8	< 1.4	< 1.4	< 7.2	< 6.0	< 3	< 3.0	< 0.84	< 0.84	< 4.5	< 2.2	< 0.28	< 0.7	NA	< 1.4	< 1.4	< 0.7	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
1,2-Dibromoethane	0.005	0.05	NA	< 7.2	< 3.6	< 0.36	< 7.2	< 3.6	< 3.6	< 7.7	< 13	< 6.5	< 6.5	< 0.83	< 0.83	< 3.1	< 1.5	< 0.72	< 1.8	NA	< 3.6	< 3.6	< 1.8	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6
1,2-Dichlorobenzene	60	600	NA	< 5.4	< 2.7	< 0.27	< 5.4	< 2.7	< 2.7	< 6.7	< 7.6	< 3.8	< 3.8	< 0.71	< 0.71	< 3.3	< 1.6	< 0.54	< 1.4	NA	< 2.7	< 2.7	< 1.4	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7
1,2-Dichloroethane	0.5	5	NA	< 5.6	< 2.8	< 0.28	< 5.6	< 2.8	< 2.8	< 7.8	< 7.8	< 3.9	< 3.9	0.94 J	0.74 J	< 2.9	< 1.5	< 0.56	< 1.4	NA	< 2.8	< 2.8	< 1.4	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
1,2-Dichloropropane	0.5	5	NA	< 4	< 2	< 0.2	< 4.0	< 2.0	< 2.0	< 8.6	< 10	< 5	< 5.0	< 0.28	< 0.28	< 4.5	< 2.2	< 0.4	< 1	NA	< 2	< 2	< 1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2,3-Trichlorobenzene	NE	NE	NA	< 4.8	< 2.4	< 0.24	< 4.8	< 2.4	< 2.4	< 9.2	< 4.5	< 2.3	< 2.3	< 0.63	< 2.2	< 10.2	< 5.1	< 0.48	< 1.2	NA	< 2.4	< 2.4	< 1.2	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4
1,2,4-Trichlorobenzene	14	70	NA	< 6.2	< 3.1	< 0.31	< 6.2	< 3.1	< 3.1	< 6.8	< 7.7	< 3.9	< 3.9	< 0.95	< 0.95	< 9.5	< 4.8	< 0.62	< 1.6	NA	< 3.1	< 3.1	< 1.6	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
1,3,5-Trimethylbenzene	96	480	NA	< 3.6	< 1.8	< 0.18	< 3.6	< 1.8	< 1.8	< 5.1	< 7.5	< 3.8	< 3.8	< 0.87	< 0.87	< 3.6	< 1.8	< 0.36	< 0.9	NA	< 1.8	< 1.8	< 0.9	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 300	< 150	< 150	< 2.9	< 2.9	< 65.2	< 32.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 95	< 48	< 48	< 2.5	< 5.2	< 62.8	< 31.4	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	< 77	< 39	< 39	< 1.5	< 4.6	< 59.5	< 29.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 340	280 BJ	< 180 U	< 2.7	< 2.7	< 86.4	< 43.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	NA	< 1.5	< 0.74	0.29 J	< 1.5	< 0.74	< 0.74	< 2.9	< 8.9	< 4.5	< 4.5	< 0.25	< 0.25	< 3.0	< 1.5	0.41 J	1.1 J	NA	< 0.74	< 0.74	< 0.37	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74
Bromodichloromethane	0.06	0.6	NA	< 3.4	< 1.7	< 0.17	< 3.4	< 1.7	< 1.7	< 7.4	< 7.7	< 3.9	< 3.9	< 0.36	< 0.36	< 4.2	< 2.1	< 0.34	< 0.85	NA	< 1.7	< 1.7	< 0.85	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7
Bromoform	0.44	4.4	NA	< 5.6	< 2.8	< 0.28	< 5.6	< 2.8	< 2.8	< 9.7	< 8.8	< 4.4	< 4.4	< 4.0	< 4.0	< 38.0	< 19.0	< 0.56	< 1.4	NA	< 2.8	< 2.8	< 1.4	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
Bromomethane	1	10	NA	< 6.2	< 3.1	< 0.31	< 6.2	< 3.1*	< 3.1	< 16	< 59	< 30	< 30	< 0.97	< 0.97	< 11.9	< 6.0	< 0.62	< 1.6	NA	< 3.1	< 3.1	< 1.6	< 3.1	< 3.1	< 3.1*	< 3.1*	< 3.1*
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.3	< 2.7	< 2.7	< 0.37	< 0.45	< 11.0	< 5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	< 5.2	< 2.6	< 0.26	< 5.2	< 2.6	< 2.6	< 7.7	< 3.8	< 1.9	< 1.9	< 0.17	< 1.1	< 3.7	< 1.8	< 0.52	< 1.3	NA	< 2.6	< 2.6	< 1.3	< 2.6	< 2.6	< 2.6	< 2.6	
Chloroethane	80	400	NA	< 6.8	< 3.4	< 0.34	< 6.8	< 3.4	< 3.4	< 9.4	< 25	< 13	< 13	< 1.3	< 1.3	< 13.8	< 6.9	< 0.68	< 1.7	NA	< 3.4	< 3.4	< 1.7	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4
Chloroform	0.6	6	NA	< 4	< 2	< 0.2	< 4.0	< 2.0	< 2.0	< 7.4	< 6.2	< 3.1	< 3.1	< 1.3	< 1.3	< 11.8	< 5.9	< 0.4	< 1	NA	< 2	< 2	< 1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Chloromethane	3	30	NA	< 3.6	< 1.8	< 0.18	< 3.6	< 1.8	< 1.8	< 6.4	49 BJ	9.5 J+	< 13 U	< 2.2	< 2.2	< 16.4	< 8.2	< 0.36	< 0.9	NA	< 1.8	< 1.8	< 0.9	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
cis-1,2-Dichloroethene	7	70	NA	930	760	650	720	630	690	820	200	240	67	69.6	40.2	40	29.3	1100	910	NA	540	420	380	370	330	330	330	330
Dichlorodifluoromethane	200	1000	NA	< 4	< 2	< 0.2	< 4.0	< 2.0	< 2.0	< 11	< 11	< 5.5	< 5.5	< 0.50	< 0.50	< 4.6	< 2.3	< 0.4	< 1	NA	< 2	< 2	< 1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene	140	700	NA	< 2.6	< 1.3	< 0.13	< 2.6	< 1.3	< 1.3	< 3.7	< 5.4	< 2.7	< 2.7	< 0.22	< 0.32	< 3.3	< 1.6	< 0.26	< 0.65	NA	< 1.3	< 1.3	< 0.65	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Isopropylbenzene	NE	NE	NA	< 2.8	< 1.4	< 0.14	< 2.8	< 1.4	< 1.4	< 7.7	< 8.1	< 4.1	< 4.1	< 0.39	< 1.7	< 10.0	< 5.0	< 0.28	< 0.7	NA	< 1.4	< 1.4	< 0.7	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.7	3 BJ	< 2.9	< 0.47	< 0.47	< 7.0	< 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	NA	< 4.8	< 2.4	< 0.24	< 4.8	< 2.4	< 2.4	< 7.9	< 14	< 7	< 7.0	< 1.2	< 1.2	< 11.3	< 5.6	< 0.48	< 1.2	NA	< 2.4	< 2.4	< 1.2	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4
Methylene chloride	0.5	5	NA	< 14	< 6.8	< 0.68	< 14	< 6.8	< 6.8	< 33	< 14	< 7	< 7.0	< 0.58	< 0.58	< 3.2	< 1.6	< 1.4	< 3.4	NA	< 6.8	< 6.8	< 3.4	< 6.8	< 6.8	< 6.8	< 6.8	< 6.8
Naphthalene	10	100	NA	< 3.2	< 1.6	< 0.16	< 3.2	< 1.6	< 1.6	< 6.7	< 8.8	< 4.4	< 4.4	< 1.2	< 1.2	< 11.3	< 5.6	< 0.32	< 0.8	NA	< 1.6	< 1.6	< 0.8	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
n-Butylbenzene	NE	NE	NA	< 2.6	< 1.3	< 0.13	< 2.6	< 1.3	< 1.3	< 7.8	< 14	< 7	< 7.0	< 0.71	< 0.71	< 8.6	< 4.3	< 0.26	< 0.65	NA	< 1.3	< 1.3	< 0.65	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 21	< 11	< 11	< 1.7	< 1.7	< 14.6	< 7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	< 2.6	< 1.3	< 0.13	< 2.6	< 1.3	< 1.3	< 8.3	< 10	< 5	< 5.0	< 0.81	< 0.81	< 3.5	< 1.7	&										

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MP-13 135 - 139 ft 04/14/2015	MP-13 135 - 139 ft 10/16/2015	MP-13 135 - 139 ft 10/10/2016	MP-13 135 - 139 ft 10/03/2017	MP-13 135 - 139 ft 10/09/2018	MP-13 135 - 139 ft 10/08/2019	MP-13 135 - 139 ft 10/12/2020	MP-13 135 - 139 ft 10/11/2021	MP-13 135 - 139 ft 10/17/2022	MP-13 163 - 167 ft 12/04/2012	MP-13 163 - 167 ft 01/16/2013	MP-13 163 - 167 ft 02/20/2013	MP-13 163 - 167 ft 04/17/2013	MP-13 163 - 167 ft 07/22/2013	MP-13 163 - 167 ft 10/07/2013	MP-13 163 - 167 ft 04/16/2014	MP-13 163 - 167 ft 10/14/2014	MP-13 163 - 167 ft 04/14/2015	MP-13 163 - 167 ft 10/16/2015	MP-13 163 - 167 ft 10/10/2016	MP-13 163 - 167 ft 10/03/2017	MP-13 163 - 167 ft 10/09/2018	MP-13 163 - 167 ft 10/08/2019	MP-13 163 - 167 ft 10/12/2020	MP-13 163 - 167 ft 10/11/2021	MP-13 163 - 167 ft 10/17/2022		
VOCs																															
1,1,1,2-Tetrachloroethane	7	70		< 2.5	< 4.6	< 11	< 5.5	< 5.5	< 0.27	< 0.27	< 8.9	< 14.2	< 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		
1,1,1-Trichloroethane	40	200		< 2.0	< 3.8	< 10	< 5	< 5.0	< 0.24	< 0.24	< 7.6	< 12.1	< 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		
1,1,2-Trichloroethane	0.5	5		< 2.8	< 3.5	< 10	< 5	< 5.0	< 0.55	< 0.55	< 8.6	< 13.8	< 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		
1,1-Dichloroethane	0.7	7		< 3.1	< 3.9	< 14	< 7	< 7.0	0.40 J	< 0.24	< 14.6	< 23.3	< 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		
1,2,4-Trimethylbenzene	96	480		< 1.4	< 3.6	< 6.0	< 3	< 3.0	< 0.84	< 0.84	< 11.2	< 17.9	< 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		
1,2-Dibromoethane	0.005	0.5		< 3.6	< 3.9	< 13	< 6.5	< 6.5	< 0.83	< 0.83	< 7.7	< 12.4	< 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		
1,2-Dichlorobenzene	60	600		< 2.7	< 3.3	< 7.6	< 3.8	< 3.8	< 0.71	< 0.71	< 8.1	< 13.0	< 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		
1,2-Dichloroethane	0.5	5		< 2.8	< 3.9	< 7.8	< 3.9	< 3.9	< 0.28	< 0.28	< 7.3	< 11.7	< 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		
1,2-Dichloropropane	0.5	5		< 2.0	< 4.3	< 10	< 5	< 5.0	< 0.28	< 0.28	< 11.2	< 17.9	< 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		
1,2,3-Trichlorobenzene	NE	NE		< 2.4	< 4.6	< 4.5	< 2.3	< 2.3	< 0.63	< 2.2	< 25.5	< 40.7	< 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		
1,2,4-Trichlorobenzene	14	70		< 3.1	< 3.4	< 7.7	< 3.9	< 3.9	< 0.95	< 0.95	< 23.8	< 38.0	< 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		
1,3,5-Trimethylbenzene	96	480		< 1.8	< 2.5	< 7.5	< 3.8	< 3.8	< 0.87	< 0.87	< 8.9	< 14.3	< 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		
2-Butanone	800	4000		NA	NA	< 300	< 150	< 150	< 2.9	< 2.9	< 163	< 261	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 6.0	< 3	< 6.0	< 2.9	< 2.9	< 6.5	< 16.3		
2-Hexanone	NE	NE		NA	NA	< 95	< 48	< 48	< 2.5	< 5.2	< 157	< 251	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.9	< 0.95	< 1.9	< 2.5	< 5.2	< 6.3	< 15.7		
4-Methyl-2-pentanone	50	500		NA	NA	< 77	< 39	< 39	< 1.5	< 4.6	< 149	< 238	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.5	< 0.77	< 1.5	< 1.5	< 4.6	< 6.0	< 14.9		
Acetone	1800	9000		NA	NA	< 340	260 J	< 280 U	< 2.7	< 2.7	< 216	< 346	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		
Benzene	0.5	5		< 0.74	< 1.5	< 8.9	< 4.5	< 4.5	< 0.25	< 0.25	< 7.4	< 11.8	< 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		
Bromodichloromethane	0.06	0.6		< 1.7	< 3.7	< 7.7	< 3.9	< 3.9	< 0.36	< 0.36	< 10.4	< 16.6	< 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		
Bromoform	0.44	4.4		< 2.8	< 4.8	< 8.8	< 4.4	4.4	< 4.0	< 4.0	< 95.0	< 152	< 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		
Bromomethane	1	10		< 3.1	< 8.0	< 59	< 30	56 J+	< 0.97	< 0.97	< 29.8	< 47.7	< 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		
Carbon disulfide	200	1000		NA	NA	< 5.3	< 2.7	< 2.7	< 0.37	< 0.45	< 27.6	< 44.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	< 0.053	< 0.11	< 0.37	< 0.45	< 1.1	< 2.8		
Carbon tetrachloride	0.5	5		< 2.6	< 3.8	< 3.8	< 1.9	< 1.9	< 0.17	< 1.1	< 9.2	< 14.8	< 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		
Chloroethane	80	400		< 3.4	< 4.7	< 25	< 13	< 13	< 1.3	< 1.3	< 34.5	< 55.2	< 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	< 1.4	< 0.34	< 3.4			
Chloroform	0.6	6		< 2.0	< 3.7	< 6.2	< 3.1	< 3.1	< 1.3	< 1.3	< 29.6	< 47.3	< 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		
Chloromethane	3	30		< 1.8	< 3.2	46 BJ	11 J+	< 13 U	< 2.2	< 2.2	< 40.9	< 65.4	< 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		
cis-1,2-Dichloroethene	7	70		410	170	87	190	150	166	97.6	85.9	88.8	970	730	NA	460	200	170	180	160	150	33	3.8	3.6	5.8	23.2	15.3	22.7	27.2		
Dichlorodifluoromethane	200	1000		< 2.0	< 5.4	< 11	< 5.5	< 5.5	< 0.50	< 0.50	< 11.4	< 18.2	< 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		
Ethylbenzene	140	700		< 1.3	< 1.8	< 5.4	< 2.7	< 2.7	< 0.22	< 0.32	< 8.1	< 13.0	< 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		
Isopropylbenzene	NE	NE		< 1.4	< 3.9	< 8.1	< 4.1	< 4.1	< 0.39	< 1.7	< 25.0	< 40.0	< 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		
m,p-Xylene	400	2000		NA	NA	< 5.7	< 2.9	< 2.9	< 0.47	< 0.47	< 17.5	< 28.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.11	< 0.057	< 0.11	< 0.47	< 0.47	< 0.70	< 1.8		
Methyl tert-butyl ether	12	60		< 2.4	< 3.9	< 14	< 7	< 7.0	< 1.2	< 1.2	< 28.2	< 45.2	< 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		
Methylene chloride	0.5	5		< 6.8	< 16	< 14	< 7	< 7.0	< 0.58	< 0.58	< 8.0	< 12.8	< 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		
Naphthalene	10	100		< 1.6	< 3.4	< 8.8	< 4.4	< 4.4	< 1.2	< 1.2	< 28.2	< 45.2	< 0.8	< 0.16																	

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MP-14 135 - 140 ft 01/21/2013	MP-14 135 - 140 ft 04/16/2013	MP-14 135 - 140 ft 07/16/2013	MP-14 135 - 140 ft 07/22/2013	MP-14 135 - 140 ft 10/08/2013	MP-14 135 - 140 ft 04/14/2014	MP-14 135 - 140 ft 10/17/2014	MP-14 135 - 140 ft 04/13/2015	MP-14 135 - 140 ft 10/15/2015	MP-14 135 - 140 ft 01/20/2016	MP-14 135 - 140 ft 04/19/2016	MP-14 135 - 140 ft 07/18/2016	MP-14 135 - 140 ft 10/11/2016	MP-14 135 - 140 ft 1/18/2017	MP-14 135 - 140 ft 04/10/2017	MP-14 135 - 140 ft 10/02/2017	MP-14 135 - 140 ft 04/02/2018	MP-14 135 - 140 ft 10/09/2018	MP-14 135 - 140 ft 04/08/2019	MP-14 135 - 140 ft 10/09/2019	MP-14 135 - 140 ft 10/13/2020	MP-14 135 - 140 ft 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	< 0.11	< 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	< 1.0	< 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	< 1.0	< 1.0	< 1.0	< 2.2	< 0.55	< 0.55	< 0.34		
1,1-Dichloroethane	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	< 1.4	< 1.4	< 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	< 1.2	< 2.4	< 0.060	< 0.60	< 0.60	< 0.060	< 0.60	< 0.60	< 0.60	< 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	< 1.3	< 1.3	< 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	< 0.76	< 0.76	< 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	< 0.78	< 0.78	< 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	< 1.0	< 1.0	< 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	< 0.45	< 0.45	< 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	< 0.77	< 0.77	< 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	< 0.75	< 0.75	< 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	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 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	< 9.5	< 9.5	< 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	< 7.7	< 7.7	< 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	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 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	< 0.89	< 0.89	< 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	< 0.77	< 0.77	< 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	< 0.88	< 0.88	< 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	< 5.9	< 5.9	< 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	< 1.5	< 0.038	< 0.38	< 0.38	< 0.038	< 0.38	< 0.38	< 0.38	< 0.66	< 0.17	< 1.1	< 0.37			
Chloroethane	80	400	< 0.34	< 0.34	< 0.68	< 0.34	< 0.68	< 0.34	< 0.34	< 0.34	< 0.47	< 2.5	< 5.0	< 0.25	< 2.5	< 2.5	< 0.25	< 2.5	< 2.5	< 2.5	< 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	< 0.62	< 0.62	0.10 J+	< 0.62	< 5.1	< 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-Dichloroethane	7	70	< 0.12	17	27	29	27	12	8.1	4.3	13	12	16	13	13	12B	12	11	17	15.6	13.8	4.7	3.1				
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	< 0.54	< 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	< 0.81	< 0.81	< 0.81	< 1.6	< 0.39	< 1.7	< 1.0		
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.57	< 1.1	< 0.057	< 0.57	< 0.57	< 0.057	< 0.57	< 0.57	< 0.57	< 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	< 1.4	< 1.4	< 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	< 3.2	< 6.4	< 0.16	< 1.6	< 1.6	< 0.16	< 1.6	< 1.6	< 1.6	< 1.6	< 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	< 0.88	< 0.88	< 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	< 1.4	< 1.4	< 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	< 2.1	< 2.1	< 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	< 1.0	< 1.0	< 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	< 0.58	< 0.58	< 1.0	< 0.26	< 0.26	< 0.35			

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MP-14 135 - 140 ft 10/12/2021	MP-14 135 - 140 ft 04/20/2022	MP-14 135 - 140 ft 10/18/2022	MP-14 135 - 140 ft 4/10/2023	MP-14 170 - 178 ft 01/21/2013	MP-14 170 - 178 ft 04/16/2013	MP-14 170 - 178 ft 07/16/2013	MP-14 170 - 178 ft 07/22/2013	MP-14 170 - 178 ft 10/08/2013	MP-14 170 - 178 ft 04/14/2014	MP-14 170 - 178 ft 10/17/2014	MP-14 170 - 178 ft 04/13/2015	MP-14 170 - 178 ft 10/15/2015	MP-14 170 - 178 ft 10/11/2016	MP-14 170 - 178 ft 10/02/2017	MP-14 170 - 178 ft 10/09/2018	MP-14 170 - 178 ft 10/09/2019	MP-14 170 - 178 ft 10/13/2020	MP-14 170 - 178 ft 10/12/2021	MP-14 170 - 178 ft 10/18/2022	MP-15 88 - 92 ft 01/22/2013	MP-15 88 - 92 ft 04/15/2013	MP-15 88 - 92 ft 07/22/2013	
VOCs																										
1,1,1,2-Tetrachloroethane	7	70	< 0.36	< 0.36	< 0.36	< 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	< 0.25	< 0.25	< 0.25	
1,1,1-Trichloroethane	40	200	< 0.30	< 0.30	< 0.30	< 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	< 0.2	< 0.2	< 0.2	
1,1,2-Trichloroethane	0.5	5	< 0.34	< 0.34	< 0.34	< 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	< 0.28	2.2	< 0.28	
1,1-Dichloroethene	0.7	7	< 0.58	< 0.58	< 0.58	< 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	< 0.31	< 0.31	< 0.31	
1,2,4-Trimethylbenzene	96	480	< 0.45	< 0.45	< 0.45	< 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	< 0.14	< 0.14	< 0.14	
1,2-Dibromoethane	0.005	0.05	< 0.31	< 0.31	< 0.31	< 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	< 0.36	< 0.36	< 0.36	
1,2-Dichlorobenzene	60	600	< 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	< 0.27	< 0.27	< 0.27	
1,2-Dichloroethane	0.5	5	< 0.29	< 0.29	< 0.29	< 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	< 0.28	< 0.28	< 0.28	
1,2-Dichloropropane	0.5	5	< 0.45	< 0.45	< 0.45	< 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	< 0.2	< 0.2	< 0.2	
1,2,3-Trichlorobenzene	NE	NE	< 1.0	< 1.0	< 1.0	< 0.46 UJ	< 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	< 0.24	< 0.24	< 0.24	
1,2,4-Trichlorobenzene	14	70	< 0.95	< 0.95	< 0.95	< 0.34 UJ	< 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	< 0.31	< 0.31	< 0.31	
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.36	< 0.36	< 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	< 0.18	< 0.18	< 0.18	
2-Butanone	800	4000	< 6.5	< 6.5	< 6.5	< 2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 6.0	< 60	< 150	< 2.9	< 2.9	< 130	< 130	NA	NA	NA	
2-Hexanone	NE	NE	< 6.3	< 6.3	< 6.3	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.9	< 19	< 48	< 2.5	< 2.5	< 126	< 126	NA	NA	NA	
4-Methyl-2-pentanone	50	500	< 6.0	< 6.0	< 6.0	< 2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.5	< 15	< 39	< 1.5	< 1.5	< 119	< 119	NA	NA	NA	
Acetone	1800	9000	< 8.6	< 8.6	< 8.6	< 4.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 6.8	< 68	< 170	< 2.7	< 2.7	< 173	< 173	NA	NA	NA	
Benzene	0.5	5	< 0.30	< 0.30	< 0.30	< 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	< 0.074	< 0.074	< 0.074	
Bromodichloromethane	0.06	0.6	< 0.42	< 0.42	< 0.42	< 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	< 0.17	< 0.17	< 0.17	
Bromofom	0.44	4.4	< 3.8	< 3.8	< 3.8	< 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	< 0.28	< 0.28	< 0.28	
Bromomethane	1	10	< 1.2	< 1.2	< 1.2	< 0.80 UJ	< 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	< 0.31	< 0.31	< 0.31	
Carbon disulfide	200	1000	< 1.1	< 1.1	< 1.1	< 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	NA	NA	NA	
Carbon tetrachloride	0.5	5	< 0.37	< 0.37	< 0.37	< 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	< 0.26	< 0.26	< 0.26	
Chloroethane	80	400	< 1.4	< 1.4	< 1.4	< 0.51 UJ	< 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	< 0.34	< 0.34	< 0.34	
Chloroform	0.6	6	< 1.2	< 1.2	< 1.2	< 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	< 0.2	< 0.2	< 0.2	
Chloromethane	3	30	< 1.6	< 1.6	< 1.6	< 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	< 0.18	< 0.18	< 0.18	
cis-1,2-Dichloroethene	7	70	2.7	1.5	1.9	1.4	< 0.12	< 0.12	22	21	22	19	24	22	30	30	32	34	29	22	46.7	48.1	7.5	23	14	
Dichlorodifluoromethane	200	1000	< 0.46	< 0.46	< 0.46	< 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	< 0.2	< 0.2	< 0.2	
Ethylbenzene	140	700	< 0.33	< 0.33	< 0.33	< 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	< 0.13	< 0.13	< 0.13	
Isopropylbenzene	NE	NE	< 1.0	< 1.0	< 1.0	< 0.39	< 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	< 0.14	< 0.14	< 0.14	
m,p-Xylene	400	2000	< 0.70	< 0.70	< 0.70	< 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	NA	NA	NA	
Methyl tert-butyl ether	12	60	< 1.1	< 1.1	< 1.1	< 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	2.3	0.84 J	< 0.24	
Methylene chloride	0.5	5	< 0.32	< 0.32	< 0.32	< 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	< 0.68	< 0.68	< 0.68	
Naphthalene	10	100	< 1.1	< 1.1	< 1.1	< 0.34 UJ	< 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	< 0.16	< 0.16	< 0.16	
n-Butylbenzene	NE	NE	< 0.86	< 0.86	< 0.86	< 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	< 0.13	< 0.13	< 0.13	
n-Hexane	120	600	< 1.5	< 1.5	< 1.5	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.42	< 4.2	< 11	< 1.7	< 1.7	< 29.2	< 29.2	NA	NA	NA	
n-Propylbenzene	NE	NE	< 0.35	< 0.35	< 0.35	< 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	< 0.13	< 0.13	< 0.13	
o-Xylene	400	2000	< 0.35	< 0.35	< 0.35	< 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	NA	NA	NA	
p-Isopropyltoluene	NE	NE																								

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

WELL ID SCREEN INTERVAL (feet bgs) SAMPLE DATE	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	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			
			100 - 105 ft 10/12/2021	100 - 105 ft 10/18/2022	120 - 125 ft 01/22/2013	120 - 125 ft 04/15/2013	120 - 125 ft 07/22/2013	120 - 125 ft 10/08/2013	120 - 125 ft 04/15/2014	120 - 125 ft 10/16/2014	120 - 125 ft 04/14/2015	120 - 125 ft 10/15/2015	120 - 125 ft 10/10/2016	120 - 125 ft 10/03/2017	120 - 125 ft 10/09/2018	120 - 125 ft 10/08/2019	120 - 125 ft 10/13/2020	120 - 125 ft 10/12/2021	120 - 125 ft 10/18/2022	142 - 146 ft 01/22/2013	142 - 146 ft 04/15/2013	142 - 146 ft 07/22/2013	142 - 146 ft 10/08/2013	142 - 146 ft 04/15/2014	142 - 146 ft 10/16/2014	142 - 146 ft 04/14/2015	
VOCs																											
1,1,1,2-Tetrachloroethane	7	70	< 7.1	< 1.8	< 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	< 3.6	< 0.25	< 0.25	< 0.25	< 0.5	< 0.50	< 0.50	< 0.50	
1,1,1-Trichloroethane	40	200	< 6.1	< 1.5	< 0.4	< 0.4	< 1	< 1	< 1.0	< 1.0	< 1.0	< 0.76	< 10	< 5	< 5.0	< 0.24	< 0.24	< 6.1	< 3.0	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.40	
1,1,2-Trichloroethane	0.5	5	< 6.9	< 1.7	< 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	< 3.4	< 0.28	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.56	
1,1-Dichloroethane	0.7	7	< 11.6	< 2.9	< 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	< 5.8	< 0.31	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.62	
1,2,4-Trimethylbenzene	96	480	< 9.0	< 2.2	< 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	< 4.5	< 0.14	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.28	
1,2-Dibromoethane	0.005	0.05	< 6.2	< 1.5	< 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	< 3.1	< 0.36	< 0.36	< 0.36	< 0.72	< 0.72	< 0.72	< 0.72	
1,2-Dichlorobenzene	60	600	< 6.5	< 1.6	< 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	< 3.3	< 0.27	< 0.27	< 0.27	< 0.54	< 0.54	< 0.54	< 0.54	
1,2-Dichloroethane	0.5	5	< 5.8	< 1.5	< 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	< 2.9	< 0.28	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.56	
1,2-Dichloropropane	0.5	5	< 9.0	< 2.2	< 0.4	< 0.4	< 1	< 1	< 1.0	< 1.0	< 1.0	< 0.86	< 10	< 5	< 5.0	< 0.28	< 0.28	< 9.0	< 4.5	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.40	
1,2,3-Trichlorobenzene	NE	NE	< 20.4	< 5.1	< 0.48	< 0.48	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 0.92	< 4.5	< 2.3	< 2.3	< 0.63	< 0.63	< 20.4	< 10.2	< 0.24	< 0.24	< 0.24	< 0.48	< 0.48	< 0.48	< 0.48	
1,2,4-Trichlorobenzene	14	70	< 19.0	< 4.8	< 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	< 9.5	< 0.31	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.62	
1,3,5-Trimethylbenzene	96	480	< 7.1	< 1.8	< 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	< 3.6	< 0.18	< 0.18	< 0.18	< 0.36	< 0.36	< 0.36	< 0.36	
2-Butanone	800	4000	< 130	< 32.6	NA	NA	NA	NA	NA	NA	NA	NA	< 300	< 150	< 150	< 2.9	< 2.9	< 130	< 65.2	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 126	< 31.4	NA	NA	NA	NA	NA	NA	NA	NA	< 95	< 48	< 48	< 2.5	< 2.5	< 126	< 62.8	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 119	< 29.8	NA	NA	NA	NA	NA	NA	NA	NA	< 77	< 39	< 39	< 1.5	< 1.5	< 119	< 59.5	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 173	< 43.2	NA	NA	NA	NA	NA	NA	NA	NA	< 340	< 170	< 170	< 2.7	< 2.7	< 173	< 86.4	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 5.9	< 1.5	< 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	< 3.0	< 0.074	< 0.074	< 0.074	< 0.15	< 0.15	0.37 J	< 0.15	
Bromodichloromethane	0.06	0.6	< 8.3	< 2.1	< 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	< 4.2	< 0.17	< 0.17	< 0.17	< 0.34	< 0.34	< 0.34	< 0.34	
Bromoform	0.44	4.4	< 76.0	< 19.0	< 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	< 38.0	< 0.28	< 0.28	< 0.28	< 0.56	< 0.56	< 0.56	< 0.56	
Bromomethane	1	10	< 23.8	< 6.0	< 0.62	< 0.62	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 0.97	< 5.9	< 3.0	< 3.0	< 0.97	< 0.97	< 23.8	< 11.9	< 0.31	< 0.31	< 0.31	< 0.62	< 0.62	< 0.62	< 0.62	
Carbon disulfide	200	1000	< 22.0	< 5.5	NA	NA	NA	NA	NA	NA	NA	NA	29 J	< 2.7	< 2.7	< 0.37	< 0.45	< 22.0	< 11.0	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 7.4	< 1.8	< 0.52	< 0.52	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.77	< 3.8	< 1.9	< 1.9	< 0.17	< 0.17	< 7.4	< 3.7	< 0.26	< 0.26	< 0.26	< 0.52	< 0.52	< 0.52	< 0.52	
Chloroethane	80	400	< 27.6	< 6.9	< 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	< 13.8	< 0.34	< 0.34	< 0.34	< 0.68	< 0.68	< 0.68	< 0.68	
Chloroform	0.6	6	< 23.7	< 5.9	< 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	< 11.8	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.40	
Chloromethane	3	30	< 32.7	< 8.2	< 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	< 16.4	< 0.18	< 0.18	< 0.18	< 0.36	< 0.36	< 0.36	< 0.36	
cis-1,2-Dichloroethene	7	70	26.8	36.3	200	230	250	220	230	260	200	230	220	140	85	53.5	34.4	33.3	34.7	9.7	75	110	140	140	150	140	
Dichlorodifluoromethane	200	1000	< 9.1	< 2.3	< 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	< 4.6	< 0.2	< 0.2	< 0.2	< 0.4	< 0.40	< 0.40	< 0.40	
Ethylbenzene	140	700	< 6.5	< 1.6	< 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	< 3.3	< 0.13	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.26	
Isopropylbenzene	NE	NE	< 20.0	< 5.0	< 0.28	< 0.28	< 0.7	< 0.7	< 0.70	< 0.70	< 0.70	< 0.77	< 8.1	< 4.1	< 4.1	< 0.39	< 0.47	< 20.0	< 10.0	< 0.14	< 0.14	< 0.14	< 0.28	< 0.28	< 0.28	< 0.28	
m,p-Xylene	400	2000	< 14.0	< 3.5	NA	NA	NA	NA	NA	NA	NA	NA	< 5.7	< 2.9	< 2.9	< 0.47	< 0.47	< 14.0	< 7.0	NA	NA	NA	NA	NA	NA	NA	
Methyl tert-butyl ether	12	60	< 22.6	< 5.6	< 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	< 11.3	2.0	< 0.24	< 0.24	< 0.48	< 0.48	< 0.48	< 0.48	
Methylene chloride	0.5	5	< 6.4	< 1.6	< 1.4	< 1.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 14	< 7	< 7.0	< 0.58	< 0.58	< 6.4	< 3.2	< 0.68	< 0.68	< 0.68	< 1.4	< 1.4	< 1.4	< 1.4	
Naphthalene	10	100	< 22.6	< 5.6	< 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	< 11.3	< 0.16	< 0.16	< 0.16	< 0.32	< 0.32	< 0.32	< 0.32	
n-Butylbenzene	NE	NE	< 17.1	< 4.3	< 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	< 8.6	< 0.13	< 0.13	< 0.13	< 0.26	< 0.26	< 0.26	< 0.26	
n-Hexane	120	600	< 29.2	< 7.3	NA	NA	NA	NA	NA	NA	NA	NA	< 21	< 11	< 11	< 1.7	< 1.7	< 29.2	< 14.6	NA	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	NE	NE	< 6.9	< 1.7	< 0.26	< 0.26	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.83	< 10	< 5	< 5.0	< 0.81											

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

WELL ID SCREEN INTERVAL (feet bgs) SAMPLE DATE	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	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	MP-16	MP-16	MP-16	
			142 - 146 ft 10/15/2015	142 - 146 ft 10/10/2016	142 - 146 ft 10/03/2017	142 - 146 ft 10/09/2018	142 - 146 ft 10/08/2019	142 - 146 ft 10/13/2020	142 - 146 ft 10/12/2021	142 - 146 ft 10/18/2022	177 - 187 ft 01/22/2013	177 - 187 ft 04/15/2013	177 - 187 ft 07/22/2013	177 - 187 ft 10/08/2013	177 - 187 ft 04/15/2014	177 - 187 ft 10/16/2014	177 - 187 ft 04/14/2015	177 - 187 ft 10/15/2015	177 - 187 ft 10/10/2016	177 - 187 ft 10/03/2017	177 - 187 ft 10/09/2018	177 - 187 ft 10/08/2019	177 - 187 ft 10/13/2020	177 - 187 ft 10/12/2021	177 - 187 ft 10/18/2022	80 - 84 ft 01/22/2013	80 - 84 ft 04/16/2013	80 - 84 ft 07/23/2013	
VOCs																													
1,1,1,2-Tetrachloroethane	7	70	< 0.92	< 4.4	< 5.5	< 5.5	< 0.27	< 0.27	< 7.1	< 7.1	< 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	< 0.25	< 0.25	< 0.25	
1,1,1-Trichloroethane	40	200	< 0.76	< 4.0	< 5	< 5.0	< 0.24	< 0.24	< 6.1	< 6.1	< 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	< 0.2	< 0.2	< 0.2	
1,1,2-Trichloroethane	0.5	5	< 0.70	< 4.0	< 5	< 5.0	< 0.55	< 0.55	< 6.9	< 6.9	< 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	< 0.28	< 0.28	< 0.28	
1,1-Dichloroethane	0.7	7	< 0.78	< 5.6	< 7	< 7.0	0.31 J	< 0.24	< 11.6	< 11.6	< 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	< 0.31	< 0.31	< 0.31	
1,2,4-Trimethylbenzene	96	480	< 0.72	< 2.4	< 3	< 3.0	< 0.84	< 0.84	< 9.0	< 9.0	< 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	< 0.14	< 0.14	< 0.14	
1,2-Dibromoethane	0.005	0.05	< 0.77	< 5.2	< 6.5	< 6.5	< 0.83	< 0.83	< 6.2	< 6.2	< 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	< 0.36	< 0.36	< 0.36	
1,2-Dichlorobenzene	60	600	< 0.67	< 3.0	< 3.8	< 3.8	< 0.71	< 0.71	< 6.5	< 6.5	< 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	< 0.27	< 0.27	< 0.27	
1,2-Dichloroethane	0.5	5	< 0.78	< 3.1	< 3.9	< 3.9	< 0.28	< 0.28	< 5.8	< 5.8	< 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	< 0.28	< 0.28	< 0.28	
1,2-Dichloropropane	0.5	5	< 0.86	< 4.0	< 5	< 5.0	< 0.28	< 0.28	< 9.0	< 9.0	< 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	< 0.2	< 0.2	< 0.2	
1,2,3-Trichlorobenzene	NE	NE	< 0.92	< 1.8	< 2.3	< 2.3	< 0.63	< 2.2	< 20.4	< 20.4	< 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	< 0.24	< 0.24	< 0.24	
1,2,4-Trichlorobenzene	14	70	< 0.68	< 3.1	< 3.9	< 3.9	< 0.95	< 0.95	< 19.0	< 19.0	< 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	< 0.31	< 0.31	< 0.31	
1,3,5-Trimethylbenzene	96	480	< 0.51	< 3.0	< 3.8	< 3.8	< 0.87	< 0.87	< 7.1	< 7.1	< 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	< 0.18	< 0.18	< 0.18	
2-Butanone	800	4000	NA	< 120	< 150	< 150	< 2.9	< 2.9	< 130	< 130	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	NA	NA	NA	
2-Hexanone	NE	NE	NA	< 38	< 48	< 48	< 2.5	< 5.2	< 126	< 126	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 2.5	< 5.2	< 6.3	< 6.3	NA	NA	NA	
4-Methyl-2-pentanone	50	500	NA	< 31	< 39	< 39	< 1.5	< 4.6	< 119	< 119	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	NA	NA	NA	
Acetone	1800	9000	NA	< 140	230 J	< 170	< 2.7	< 2.7	< 173	< 173	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 3.4	< 3.4	< 5.4 U	< 2.7	< 2.7	< 8.6	< 8.6	NA	NA	NA
Benzene	0.5	5	< 0.29	< 3.6	< 4.5	< 4.5	< 0.25	< 0.25	< 5.9	< 5.9	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	0.23 J	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	< 0.074	< 0.074	< 0.074	
Bromodichloromethane	0.06	0.6	< 0.74	< 3.1	< 3.9	< 3.9	< 0.36	< 0.36	< 8.3	< 8.3	< 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	< 0.17	< 0.17	< 0.17	
Bromoform	0.44	4.4	< 0.97	< 3.5	< 4.4	< 4.4	< 4.0	< 4.0	< 76.0	< 76.0	< 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	< 0.28	< 0.28	< 0.28	
Bromomethane	1	10	< 1.6	< 24	< 30	< 30	< 0.97	< 0.97	< 23.8	< 23.8	< 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	< 0.31	< 0.31	< 0.31	
Carbon disulfide	200	1000	NA	10 J	< 2.7	< 2.7	< 0.37	< 0.45	< 22.0	< 22.0	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	0.080 J	< 0.37	< 0.45	< 1.1	< 1.1	NA	NA	NA	
Carbon tetrachloride	0.5	5	< 0.77	< 1.5	< 1.9	< 1.9	< 0.17	< 1.1	< 7.4	< 7.4	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 1.1	< 1.1	< 0.37	< 0.37	< 0.26	< 0.26	< 0.26	
Chloroethane	80	400	< 0.94	< 10	< 13	< 13	< 1.3	< 1.3	< 27.6	< 27.6	< 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	< 1.4	< 1.4	< 0.34	< 0.34	< 0.34	
Chloroform	0.6	6	< 0.74	< 2.5	< 3.1	< 3.1	< 1.3	< 1.3	< 23.7	< 23.7	< 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	< 0.2	< 0.2	< 0.2	
Chloromethane	3	30	< 0.64	35 BJ	9.5 J+	< 14 U	< 2.2	< 2.2	< 32.7	< 32.7	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	< 0.16	0.37 J+	< 0.66 U	< 2.2	< 2.2	< 1.6	< 1.6	< 0.18	< 0.18	< 0.18	
cis-1,2-Dichloroethene	7	70	190	180	180	160	173	118	86.2	97	9.5	6.7	6.0	16	17	31	33	5.2	0.60	0.48 J	0.50	< 0.27	< 0.27	< 0.47	< 0.47	< 0.12	< 0.12	< 0.12	
Dichlorodifluoromethane	200	1000	< 1.1	< 4.4	< 5.5	< 5.5	< 0.50	< 0.50	< 9.1	< 9.1	< 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	< 0.46	< 0.46	< 0.2	< 0.2	< 0.2 *	
Ethylbenzene	140	700	< 0.37	< 2.2	< 2.7	< 2.7	< 0.22	< 0.32	< 6.5	< 6.5	< 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	< 0.13	< 0.13	< 0.13	
Isopropylbenzene	NE	NE	< 0.77	< 3.2	< 4.1	< 4.1	< 0.39	< 1.7	< 20.0	< 20.0	< 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	< 0.14	< 0.14	< 0.14	
m,p-Xylene	400	2000	NA	< 2.3	3 BJ	< 2.9	< 0.47	< 0.47	< 14.0	< 14.0	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 0.057	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	NA	NA	NA	
Methyl tert-butyl ether	12	60	< 0.79	< 5.6	< 7	< 7.0	< 1.2	< 1.2	< 22.6	< 22.6	2.5	1.6	0.86 J	0.90 J	< 0.24	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 0.24	< 0.24	< 0.24	
Methylene chloride	0.5	5	< 3.3	< 5.6	< 7	< 7.0	< 0.58	< 0.58	< 6.4	< 6.4	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 0.14	< 0.14	< 0.29 U	< 0.58	< 0.58	< 0.32	< 0.32	< 0.68	< 0.68	< 0.68	
Naphthalene	10	100	< 0.67	< 3.5	< 4.4	< 4.4	< 1.2	< 1.2	< 22.6	< 22.6	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.15 U	< 1.2	< 1.2	< 1.1	< 1.1	< 0.16	< 0.16	< 0.16	
n-Butylbenzene	NE	NE	< 0.78	< 5.6	< 7	< 7.0	< 0.71	< 0.71	< 17.1	< 17.1	< 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	< 0.13	< 0.13	< 0.13	
n-Hexane	120	600	NA	15 J	< 11	< 11	< 1.7	< 1.7	< 29.2	< 29.2	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	< 0.21	<							

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MP-16 140 - 144 ft 10/15/2015	MP-16 140 - 144 ft 01/20/2016	MP-16 140 - 144 ft 04/19/2016	MP-16 140 - 144 ft 07/18/2016	MP-16 140 - 144 ft 10/11/2016	MP-16 140 - 144 ft 1/18/2017	MP-16 140 - 144 ft 04/10/2017	MP-16 140 - 144 ft 10/02/2017	MP-16 140 - 144 ft 04/02/2018	MP-16 140 - 144 ft 10/08/2018	MP-16 140 - 144 ft 04/08/2019	MP-16 140 - 144 ft 10/09/2019	MP-16 140 - 144 ft 10/13/2020	MP-16 140 - 144 ft 04/12/2021	MP-16 140 - 144 ft 10/12/2021	MP-16 140 - 144 ft 04/20/2022	MP-16 140 - 144 ft 10/18/2022	MP-16 140 - 144 ft 4/10/2023	MP-16 175 - 179 ft 01/22/2013	MP-16 175 - 179 ft 04/16/2013	MP-16 175 - 179 ft 07/23/2013	MP-16 175 - 179 ft 10/09/2013	MP-16 175 - 179 ft 04/15/2014	MP-16 175 - 179 ft 10/16/2014		
VOCs																													
1,1,1,2-Tetrachloroethane	7	70		< 0.46	< 0.11	< 0.22	< 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	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	
1,1,1-Trichloroethane	40	200		< 0.38	< 0.10	< 0.20	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 0.30	< 0.38	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	
1,1,2-Trichloroethane	0.5	5		< 0.35	< 0.10	< 0.20	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 0.34	< 0.35	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
1,1-Dichloroethane	0.7	7		< 0.39	< 0.14	< 0.28	< 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	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	
1,2,4-Trimethylbenzene	96	480		< 0.36	< 0.060	< 0.12	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.060	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	< 0.45	< 0.36	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	
1,2-Dibromoethane	0.005	0.05		< 0.39	< 0.13	< 0.26	< 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	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	
1,2-Dichlorobenzene	60	600		< 0.33	< 0.076	< 0.15	< 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	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	
1,2-Dichloroethane	0.5	5		< 0.39	< 0.078	< 0.16	< 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	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
1,2-Dichloropropane	0.5	5		< 0.43	< 0.10	< 0.20	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	< 0.45	< 0.43	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	
1,2,3-Trichlorobenzene	NE	NE		< 0.46	< 0.045	< 0.090	< 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 UJ	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	
1,2,4-Trichlorobenzene	14	70		< 0.34	< 0.077	< 0.15	< 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 UJ	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	
1,3,5-Trimethylbenzene	96	480		< 0.25	< 0.075	< 0.15	< 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	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	
2-Butanone	800	4000		NA	< 3.0	< 6.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 2.9	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	< 6.5	< 2.1	NA	NA	NA	NA	NA	NA	NA	
2-Hexanone	NE	NE		NA	2.2 J	< 1.9	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 2.5	< 2.5	< 2.5	< 6.3	< 6.3	< 6.3	< 6.3	< 1.6	NA	NA	NA	NA	NA	NA	NA	
4-Methyl-2-pentanone	50	500		NA	< 0.77	< 1.5	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	< 1.5	< 1.5	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	< 6.0	< 2.2	NA	NA	NA	NA	NA	NA	NA	
Acetone	1800	9000		NA	< 3.4	< 6.8	< 3.4	< 3.4	< 3.4	< 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	NA	NA	NA	NA	NA	NA	NA	
Benzene	0.5	5		< 0.15	< 0.089	< 0.18	< 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	< 0.19 J	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	
Bromodichloromethane	0.06	0.6		< 0.37	< 0.077	< 0.15	< 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	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	
Bromoform	0.44	4.4		< 0.48	< 0.088	< 0.18	< 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	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
Bromomethane	1	10		< 0.80	< 0.59	< 1.2	< 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	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	
Carbon disulfide	200	1000		NA	< 0.053	< 0.11	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.37	< 0.37	< 0.37	< 1.1	< 1.1	< 1.1	< 1.1	< 0.45	NA	NA	NA	NA	NA	NA	NA	
Carbon tetrachloride	0.5	5		< 0.38	< 0.038	< 0.076	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 1.7	< 1.7	< 1.7	< 1.1	< 1.1	< 1.1	< 1.1	< 0.38	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	
Chloroethane	80	400		< 0.47	< 0.25	< 0.50	< 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 UJ	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	
Chloroform	0.6	6		< 0.37	< 0.062	< 0.12	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	
Chloromethane	3	30		< 0.32	< 0.16	< 0.32	< 0.16	0.60 BJ	0.55 BJ	< 0.16	0.4 J	< 0.16	< 0.16	< 0.59 U	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 0.32	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	
cis-1,2-Dichloroethane	7	70		1.2	1.2	1.4	1.4	1.7	1.5 B	1.5	1.8	2.2	1.4	2.4	3.9	3.6	3.4	3.0	2.2	2.5	2.0	1.9	0.99 J	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Dichlorodifluoromethane	200	1000		< 0.54	< 0.11	< 0.22	< 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	< 0.2	< 0.2	< 0.2 *	< 0.2	< 0.20	< 0.20	< 0.20	
Ethylbenzene	140	700		< 0.18	< 0.054	< 0.11	< 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	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	
Isopropylbenzene	NE	NE		< 0.39	< 0.081	< 0.16	< 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	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	
m,p-Xylene	400	2000		NA	< 0.057	< 0.11	< 0.057	< 0.057	< 0.057	< 0.057	< 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	NA	NA	NA	NA	NA	NA	
Methyl tert-butyl ether	12	60		< 0.39	< 0.14	< 0.28	< 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	< 1.1	< 0.39	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	
Methylene chloride	0.5	5		< 1.6	0.35 J	< 0.28	< 0.14	< 0.14	0.27 BJ	< 0.14	< 0.14	0.24 J	< 0.25 U	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	< 0.32	< 1.6	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68		
Naphthalene	10	100		< 0.34	< 0.088	< 0.18	< 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 UJ	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	
n-Butylbenzene	NE	NE		< 0.39	< 0.14	< 0.28	< 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	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	
n-Hexane	120	600		NA	< 0.21	< 0.42	< 0.21	&																					

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MP-16 175 - 179 ft 04/13/2015	MP-16 175 - 179 ft 10/15/2015	MP-16 175 - 179 ft 10/11/2016	MP-16 175 - 179 ft 10/02/2017	MP-16 175 - 179 ft 10/08/2018	MP-16 175 - 179 ft 10/09/2019	MP-16 175 - 179 ft 10/13/2020	MP-16 175 - 179 ft 10/12/2021	MP-16 175 - 179 ft 10/18/2022	MW-17 160 - 170 ft 01/17/2013	MW-17 160 - 170 ft 04/20/2013	MW-17 160 - 170 ft 07/18/2013	MW-17 160 - 170 ft 10/08/2013	MW-17 160 - 170 ft 04/22/2014	MW-17 160 - 170 ft 10/22/2014	MW-17 160 - 170 ft 04/15/2015	MW-17 160 - 170 ft 10/22/2015	MW-17 160 - 170 ft 01/22/2016	MW-17 160 - 170 ft 04/20/2016	MW-17 160 - 170 ft 07/19/2016	MW-17 160 - 170 ft 10/12/2016	MW-17 160 - 170 ft 1/20/2017	MW-17 160 - 170 ft 04/12/2017	MW-17 160 - 170 ft 10/09/2017	MW-17 160 - 170 ft 04/04/2018			
VOCs																															
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	< 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			
1,1,1-Trichloroethane	40	200	< 0.20	< 0.38	< 0.10	< 0.1	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	< 0.30	< 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			
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.35	< 0.10	< 0.1	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	< 0.34	< 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			
1,1-Dichloroethane	0.7	7	< 0.31	< 0.39	< 0.14	< 0.14	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 0.58	< 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			
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.36	< 0.060	< 0.06	< 0.060	< 0.84	< 0.84	< 0.45	< 0.45	< 0.45	< 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			
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.39	< 0.13	< 0.13	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	< 0.31	< 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			
1,2-Dichlorobenzene	60	600	< 0.27	< 0.33	< 0.076	< 0.076	< 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			
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	< 0.56	< 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			
1,2-Dichloropropane	0.5	5	< 0.20	< 0.43	< 0.10	< 0.1	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	< 0.45	< 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			
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.46	< 0.045	< 0.045	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	< 1.0	< 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			
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	< 0.62	< 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			
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.25	< 0.075	< 0.075	< 0.075	< 0.87	< 0.87	< 0.36	< 0.36	< 0.36	< 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			
2-Butanone	800	4000	NA	NA	< 3.0	< 3	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	< 6.5	NA	NA	NA	NA	NA	NA	NA	NA	< 150	< 300	< 75	< 60	< 150	< 150	< 75	< 75			
2-Hexanone	NE	NE	NA	NA	< 0.95	< 0.95	< 0.95	< 2.5	< 2.5	< 6.3	< 6.3	< 6.3	NA	NA	NA	NA	NA	NA	NA	NA	< 48	< 95	< 24	< 19	< 48	< 48	< 24	< 24			
4-Methyl-2-pentanone	50	500	NA	NA	< 0.77	< 0.77	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	NA	NA	NA	NA	NA	NA	NA	NA	< 39	< 77	< 19	< 15	< 39	< 39	< 19	< 19			
Acetone	1800	9000	NA	NA	< 3.4	< 3.4	< 3.8 U	< 2.7	< 2.7	< 8.6	< 8.6	< 8.6	NA	NA	NA	NA	NA	NA	NA	NA	< 170	< 340	< 85	< 68	< 170	< 170	< 85	< 85			
Benzene	0.5	5	< 0.074	< 0.15	< 0.089	< 0.089	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	< 0.30	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			
Bromodichloromethane	0.06	0.6	< 0.17	< 0.37	< 0.077	< 0.077	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	< 0.42	< 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			
Bromoform	0.44	4.4	< 0.28	< 0.48	< 0.088	< 0.088	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	< 3.8	< 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			
Bromomethane	1	10	< 0.31	< 0.80	< 0.59	< 0.59	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 1.2	< 0.62	< 0.62	< 0.31	< 0.62	< 0.62	< 0.62	< 1.6	< 1.6	< 30	< 59	< 15	< 12	< 30	< 30	< 15	< 15			
Carbon disulfide	200	1000	NA	NA	< 0.053	< 0.053	0.11 J	< 0.37	< 0.45	< 1.1	< 1.1	< 1.1	NA	NA	NA	NA	NA	NA	NA	NA	< 2.7	< 5.3	< 1.3	< 1.1	< 2.7	18 J	< 1.3	< 1.3			
Carbon tetrachloride	0.5	5	< 0.26	< 0.38	< 0.038	< 0.038	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	< 0.37	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			
Chloroethane	80	400	< 0.34	< 0.47	< 0.25	< 0.25	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	< 1.4	< 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			
Chloroform	0.6	6	< 0.20	< 0.37	< 0.062	< 0.062	< 0.062	< 1.3	< 1.3	< 1.2	< 1.2	< 1.2	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			
Chloromethane	3	30	< 0.18	< 0.32	< 0.16	0.81 J	< 0.61 U	< 2.2	< 2.2	< 1.6	< 1.6	< 1.6	< 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			
cis-1,2-Dichloroethene	7	70	< 0.12	< 0.41	< 0.11	< 0.11	< 0.11	0.29 J	0.30 J	< 0.47	< 0.47	< 0.47	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			
Dichlorodifluoromethane	200	1000	< 0.20	< 0.54	< 0.11	< 0.11	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	< 0.46	< 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			
Ethylbenzene	140	700	< 0.13	< 0.18	< 0.054	< 0.054	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.33	< 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			
Isopropylbenzene	NE	NE	< 0.14	< 0.39	< 0.081	< 0.081	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 1.0	< 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			
m,p-Xylene	400	2000	NA	NA	< 0.057	< 0.057	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	< 0.70	NA	NA	NA	NA	NA	NA	NA	NA	< 2.9	< 5.7	< 1.4	< 1.1	< 2.9	< 2.9	< 1.4	< 1.4			
Methyl tert-butyl ether	12	60	< 0.24	< 0.39	< 0.14	< 0.14	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 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			
Methylene chloride	0.5	5	< 0.68	< 1.6	< 0.14	0.16 J	< 0.15 U	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	< 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			
Naphthalene	10	100	< 0.16	< 0.34	< 0.088	< 0.088	< 0.088	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 0.32	< 0.32	< 0.16	< 0.32	< 0.32	< 0.32	< 0.80	< 0.67	< 4.4	< 8.8	&								

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-18S 20 - 30 ft 10/09/2013	MW-18S 20 - 30 ft 04/22/2014	MW-18S 20 - 30 ft 10/23/2014	MW-19D 60 - 90 ft 11/29/2012	MW-19D 60 - 90 ft 12/11/2012	MW-19D 60 - 90 ft 12/12/2012	MW-19D 60 - 90 ft 12/13/2012	MW-19D 60 - 90 ft 12/14/2012	MW-19D 60 - 90 ft 12/15/2012	MW-19D 60 - 90 ft 12/16/2012	MW-19D 60 - 90 ft 12/17/2012	MW-19D 60 - 90 ft 12/18/2012	MW-19D 60 - 90 ft 12/19/2012	MW-19D 60 - 90 ft 12/27/2012	MW-19D 60 - 90 ft 01/02/2013	MW-19D 60 - 90 ft 01/16/2013	MW-19D 60 - 90 ft 01/16/2013	MW-19D 60 - 90 ft 01/30/2013	MW-19D ¹ 60 - 90 ft 02/11/2013	MW-19D 60 - 90 ft 02/28/2013	MW-19D ¹ 60 - 90 ft 03/11/2013	
VOCS																									
1,1,1,2-Tetrachloroethane	7	70		< 1.3	< 0.25	< 0.25	< 1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.3	NA	< 1.3	NA	< 1.3
1,1,1-Trichloroethane	40	200		< 1	< 0.20	< 0.20	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	< 1	NA	< 1
1,1,2-Trichloroethane	0.5	5		< 1.4	< 0.28	< 0.28	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4	NA	< 1.4	NA	< 1.4
1,1-Dichloroethene	0.7	7		< 1.6	< 0.31	< 0.31	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA	< 1.6	NA	< 1.6
1,2,4-Trimethylbenzene	96	480		< 0.7	< 0.14	< 0.14	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.7	NA	< 0.7	NA	< 0.7
1,2-Dibromoethane	0.005	0.05		< 1.8	< 0.36	< 0.36	< 1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.8	NA	< 1.8	NA	< 1.8
1,2-Dichlorobenzene	60	600		< 1.4	< 0.27	< 0.27	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4	NA	< 1.4	NA	< 1.4
1,2-Dichloroethane	0.5	5		< 1.4	< 0.28	< 0.28	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4	NA	< 1.4	NA	< 1.4
1,2-Dichloropropane	0.5	5		< 1	< 0.20	< 0.20	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	< 1	NA	< 1
1,2,3-Trichlorobenzene	NE	NE		< 1.2	< 0.24	< 0.24	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.2	NA	< 1.2	NA	< 1.2
1,2,4-Trichlorobenzene	14	70		< 1.6	< 0.31	< 0.31	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	NA	< 1.6	NA	< 1.6
1,3,5-Trimethylbenzene	96	480		< 0.9	< 0.18	< 0.18	< 0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.9	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	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		1.3 J	0.38 J	0.46 J	< 0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.37	NA	< 0.37	NA	< 0.37
Bromodichloromethane	0.06	0.6		< 0.85	< 0.17	< 0.17	< 0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.85	NA	< 0.85	NA	< 0.85
Bromoform	0.44	4.4		< 1.4	< 0.28	< 0.28	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.4	NA	< 1.4	NA	< 1.4
Bromomethane	1	10		< 1.6	< 0.31	< 0.31	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.6	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	NA	NA
Carbon tetrachloride	0.5	5		< 1.3	< 0.26	< 0.26	< 1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.3	NA	< 1.3	NA	< 1.3
Chloroethane	80	400		< 1.7	< 0.34	< 0.34	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7	NA	< 1.7	NA	< 1.7
Chloroform	0.6	6		5.2	1.4	2	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	< 1	NA	< 1
Chloromethane	3	30		< 0.9	< 0.18	< 0.18	< 0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.9	NA	< 0.9	NA	< 0.9
cis-1,2-Dichloroethene	7	70		78		26	530	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170	NA	450	NA	420
Dichlorodifluoromethane	200	1000		< 1	< 0.20	< 0.20	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1	NA	< 1	NA	< 1
Ethylbenzene	140	700		< 0.65	< 0.13	< 0.13	< 0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.65	NA	< 0.65	NA	< 0.65
Isopropylbenzene	NE	NE		< 0.7	< 0.14	< 0.14	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.7	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	NA	NA
Methyl tert-butyl ether	12	60		< 1.2	< 0.24	< 0.24	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.2	NA	< 1.2	NA	< 1.2
Methylene chloride	0.5	5		< 3.4	< 0.68	< 0.68	< 3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	NA	< 3.4	NA	< 3.4
Naphthalene	10	100		< 0.8	< 0.16	< 0.16	< 0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.8	NA	< 0.8	NA	< 0.8
n-Butylbenzene	NE	NE		< 0.65	< 0.13	< 0.13	< 0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.65	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	NA	NA
n-Propylbenzene	NE	NE		< 0.65	< 0.13	< 0.13	< 0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.65	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	NA	NA
p-Isopropyltoluene	NE	NE		< 0.85	< 0.17	< 0.17	< 0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.85	NA	< 0.85	NA	< 0.85
sec-Butylbenzene	NE	NE		< 0.75	< 0.15	< 0.15	< 0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.75	NA	< 0.75	NA	< 0.75
Styrene	10	100		< 0.5	< 0.10	< 0.10	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.5	NA	< 0.5	NA	< 0.5
tert-Butylbenzene	NE	NE		< 0.7	< 0.14	< 0.14	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.7	NA	< 0.7	NA	< 0.7
Tetrachloroethene	0.5	5		1800	520	520	2400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1700	NA	2700	NA	2100
Toluene	160	800		< 0.55	< 0.11	< 0.11	< 0.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.55	NA	< 0.55	NA	< 0.55
trans-1,2-Dichloroethene	20	100		4.6 J	1.3	1.9	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.3	NA	4.4 J	NA	5.1
Trichloroethene	0.5	5		150	43	65	230	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	69	NA	180	NA	180
Trichlorofluoromethane	698	3490		< 0.95	< 1.0	< 1.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	NA	< 0.95	NA	< 0.95
Vinyl chloride	0.02	0.2		< 0.5	< 0.10	< 0.10	9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.2	NA	8	NA	11
Xylenes, Total	400	2000		< 0.34	< 0.068	< 0.068	< 0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.34	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	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</																	

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

WELL ID SCREEN INTERVAL (feet bgs) SAMPLE DATE	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	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	
			60 - 90 ft 04/19/2013	60 - 90 ft 07/17/2013	60 - 90 ft 10/09/2013	60 - 90 ft 04/17/2014	60 - 90 ft 10/21/2014	110 - 140 ft 11/29/2012	110 - 140 ft 12/16/2012	110 - 140 ft 12/17/2012	110 - 140 ft 12/18/2012	110 - 140 ft 12/19/2012	110 - 140 ft 12/27/2012	110 - 140 ft 01/02/2013	110 - 140 ft 01/17/2013	110 - 140 ft 01/17/2013	110 - 140 ft 01/31/2013	110 - 140 ft 02/11/2013	110 - 140 ft 02/28/2013
VOCs																			
1,1,1,2-Tetrachloroethane	7	70	< 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
1,1,1-Trichloroethane	40	200	< 1	< 1	< 1	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	< 0.4	NA	< 0.4	NA
1,1,2-Trichloroethane	0.5	5	< 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
1,1-Dichloroethene	0.7	7	< 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
1,2,4-Trimethylbenzene	96	480	< 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
1,2-Dibromoethane	0.005	0.05	< 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
1,2-Dichlorobenzene	60	600	< 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
1,2-Dichloroethane	0.5	5	< 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
1,2-Dichloropropane	0.5	5	< 1	< 1	< 1	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	< 0.4	NA	< 0.4	NA
1,2,3-Trichlorobenzene	NE	NE	< 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
1,2,4-Trichlorobenzene	14	70	< 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
1,3,5-Trimethylbenzene	96	480	< 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
2-Butanone	800	4000	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
4-Methyl-2-pentanone	50	500	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
Benzene	0.5	5	< 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
Bromodichloromethane	0.06	0.6	< 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
Bromoform	0.44	4.4	< 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
Bromomethane	1	10	< 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
Carbon disulfide	200	1000	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	< 1.3	< 0.52	< 0.52	NA	NA	NA	NA	NA	NA	NA	< 0.52	NA	< 0.52	NA
Chloroethane	80	400	< 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
Chloroform	0.6	6	< 1	< 1	< 1	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	< 0.4	NA	< 0.4	NA
Chloromethane	3	30	< 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
cis-1,2-Dichloroethene	7	70	520	540	300	49	240	250	NA	NA	NA	NA	NA	NA	NA	320	NA	270	NA
Dichlorodifluoromethane	200	1000	< 1	< 1	< 1	< 1.0	< 0.40	< 0.4	NA	NA	NA	NA	NA	NA	NA	< 0.4	NA	< 0.4	NA
Ethylbenzene	140	700	< 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
Isopropylbenzene	NE	NE	< 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
m,p-Xylene	400	2000	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	< 1.2	< 0.48	< 0.48	NA	NA	NA	NA	NA	NA	NA	< 0.48	NA	< 0.48	NA
Methylene chloride	0.5	5	< 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
Naphthalene	10	100	< 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
n-Butylbenzene	NE	NE	< 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
n-Hexane	600	600	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	< 0.65	< 0.26	< 0.26	NA	NA	NA	NA	NA	NA	NA	< 0.26	NA	< 0.26	NA
o-Xylene	400	2000	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	< 0.85	< 0.34	< 0.34	NA	NA	NA	NA	NA	NA	NA	< 0.34	NA	< 0.34	NA
sec-Butylbenzene	NE	NE	< 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
Styrene	10	100	< 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
tert-Butylbenzene	NE	NE	< 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
Tetrachloroethene	0.5	5	2200	2700	1500	1400	1500	680	NA	NA	NA	NA	NA	NA	NA	1200	NA	1300	NA
Toluene	160	800	< 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
trans-1,2-Dichloroethene	20	100	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
Trichloroethene	0.5	5	200	240	150	68	140	110	NA	NA	NA	NA	NA	NA	NA	160	NA	150	NA
Trichlorofluoromethane	698	3490	< 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
Vinyl chloride	0.02	0.2	18	20	6.6	< 0.50	4.5	0.93 J	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA	< 0.2	NA
Xylenes, Total	400	2000	< 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
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
Aroclor-1232	0.003	0.03	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
Aroclor-1248	0.003	0.03	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
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
Aroclor-1232	0.003	0.03	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
Aroclor-1248	0.003	0.03	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
Solids																			
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	1500	1600	1600	1500	1500	1500	1500	1400	1500	1500	1500	1500
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

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-19D2 110 - 140 ft 03/12/2013	MW-19D2 110 - 140 ft 04/18/2013	MW-19D2 ² 110 - 140 ft 07/17/2013	MW-19D2 ¹ 110 - 140 ft 07/17/2013	MW-19D2 110 - 140 ft 10/09/2013	MW-19D2 110 - 140 ft 04/17/2014	MW-19D2 ¹ 110 - 140 ft 10/15/2014	MW-20D 60 - 90 ft 11/29/2012	MW-20D 60 - 90 ft 12/11/2012	MW-20D 60 - 90 ft 12/12/2012	MW-20D 60 - 90 ft 12/13/2012	MW-20D 60 - 90 ft 12/14/2012	MW-20D 60 - 90 ft 12/15/2012	MW-20D 60 - 90 ft 12/16/2012	MW-20D 60 - 90 ft 12/17/2012	MW-20D 60 - 90 ft 12/18/2012	MW-20D 60 - 90 ft 12/19/2012
VOCS																			
1,1,1,2-Tetrachloroethane	7	70	< 0.5	< 1.3	< 0.5	< 0.5	< 0.5	< 1.3	< 0.50	< 1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	40	200	< 0.4	< 1	< 0.4	< 0.4	< 0.4	< 1.0	< 0.40	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	< 0.56	< 1.4	< 0.56	< 0.56	< 0.56	< 1.4	< 0.56	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.7	7	< 0.62	< 1.6	< 0.62	< 0.62	< 0.62	< 1.6	< 0.62	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	96	480	< 0.28	< 0.7	< 0.28	< 0.28	< 0.28	< 0.70	< 0.28	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.005	0.05	< 0.72	< 1.8	< 0.72	< 0.72	< 0.72	< 1.8	< 0.72	< 1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	< 0.54	< 1.4	< 0.54	< 0.54	< 0.54	< 1.4	< 0.54	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	< 0.56	< 1.4	< 0.56	< 0.56	< 0.56	< 1.4	< 0.56	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.5	5	< 0.4	< 1	< 0.4	< 0.4	< 0.4	< 1.0	< 0.40	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	< 0.48	< 1.2	< 0.48	< 0.48	< 0.48	< 1.2	< 0.48	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	14	70	< 0.62	< 1.6	< 0.62	< 0.62	< 0.62	< 1.6	< 0.62	< 1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	96	480	< 0.36	< 0.9	< 0.36	< 0.36	< 0.36	< 0.90	< 0.36	< 0.9	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
2-Hexanone	NE	NE	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
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.15	< 0.37	< 0.15	< 0.15	< 0.15	< 0.37	< 0.15	< 0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	< 0.34	< 0.85	< 0.34	< 0.34	< 0.34	< 0.85	< 0.34	< 0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	0.44	4.4	< 0.56	< 1.4	< 0.56	< 0.56	< 0.56	< 1.4	< 0.56	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	1	10	< 0.62	< 1.6	< 0.62	< 0.62	< 0.62	< 1.6	< 0.62 *	< 1.6	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
Carbon tetrachloride	0.5	5	< 0.52	< 1.3	< 0.52	< 0.52	< 0.52	< 1.3	< 0.52	< 1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	80	400	< 0.68	< 1.7	< 0.68	< 0.68	< 0.68	< 1.7	< 0.68	< 1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	0.6	6	< 0.4	< 1	< 0.4	< 0.4	< 0.4	< 1.0	< 0.40	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	3	30	< 0.36	< 0.9	< 0.36	< 0.36	< 0.36	< 0.90	< 0.36	< 0.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	260	200	< 0.24	98	120	330	6.8	370	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1000	< 0.4	< 1	< 0.4	< 0.4	< 0.4	< 1.0	< 0.40	< 1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	140	700	< 0.26	< 0.65	< 0.26	< 0.26	< 0.26	< 0.65	< 0.26	< 0.65	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	< 0.28	< 0.7	< 0.28	< 0.28	< 0.28	< 0.70	< 0.28	< 0.7	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
Methyl tert-butyl ether	12	60	< 0.48	< 1.2	< 0.48	< 0.48	< 0.48	< 1.2	< 0.48	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.5	5	< 1.4	< 3.4	< 1.4	< 1.4	< 1.4	< 3.4	< 1.4	< 3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	10	100	< 0.32	< 0.8	< 0.32	< 0.32	< 0.32	< 0.80	< 0.32	< 0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NE	< 0.26	< 0.65	< 0.26	< 0.26	< 0.26	< 0.65	< 0.26	< 0.65	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
n-Propylbenzene	NE	NE	< 0.26	< 0.65	< 0.26	< 0.26	< 0.26	< 0.65	< 0.26	< 0.65	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
p-Isopropyltoluene	NE	NE	< 0.34	< 0.85	< 0.34	< 0.34	< 0.34	< 0.85	< 0.34	< 0.85	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	< 0.3	< 0.75	< 0.3	< 0.3	< 0.3	< 0.75	< 0.30	< 0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	10	100	< 0.2	< 0.5	< 0.2	< 0.2	< 0.2	< 0.50	< 0.20	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	< 0.28	< 0.7	< 0.28	< 0.28	< 0.28	< 0.70	< 0.28	< 0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	1400	1000	820	1200	950	1900	620	1600	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	160	800	< 0.22	< 0.55	< 0.22	< 0.22	< 0.22	< 0.55	< 0.22	< 0.55	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	20	100	4.2	2.6 J	< 0.5	< 0.5	< 0.5	5.0	< 0.50	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	150	130	< 0.38	110	120	170	11	170	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	698	3490	< 0.38	< 0.95	< 0.38	< 0.38	< 0.38	< 5.0	< 2.0	< 0.95	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	< 0.2	< 0.5	< 0.2	< 0.2	< 0.2	7.9	< 0.20	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	400	2000	< 0.14	< 0.34	< 0.14	< 0.14	< 0.14	< 0.34	< 0.14	< 0.34	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
Aroclor-1232	0.003	0.03	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
Aroclor-1248	0.003	0.03	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
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
Aroclor-1232	0.003	0.03	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
Aroclor-1248	0.003	0.03	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
Solids																			
Total Dissolved Solids (mg/L)	NE	NE	NA	NA	NA	NA	NA	NA	NA	920	990	5000	16000	10000	4800	2500	3100	2200	1900
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

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-20D 60 - 90 ft 12/27/2012	MW-20D 60 - 90 ft 01/02/2013	MW-20D 60 - 90 ft 01/16/2013	MW-20D 60 - 90 ft 01/16/2013	MW-20D 60 - 90 ft 01/30/2013	MW-20D 60 - 90 ft 02/12/2013	MW-20D 60 - 90 ft 02/12/2013	MW-20D 60 - 90 ft 02/12/2013	MW-20D 60 - 90 ft 02/28/2013	MW-20D 60 - 90 ft 03/12/2013	MW-20D 60 - 90 ft 04/18/2013	MW-20D 60 - 90 ft 07/17/2013	MW-20D 60 - 90 ft 10/09/2013	MW-20D 60 - 90 ft 04/15/2014	MW-20D 60 - 90 ft 10/22/2014
VOCs																	
1,1,1,2-Tetrachloroethane	7	70	NA	NA	NA	< 0.25	NA	NA	NA	< 0.25	NA	< 0.25	< 1.3	< 0.5	< 1.3	< 0.50	< 0.50
1,1,1-Trichloroethane	40	200	NA	NA	NA	< 0.2	NA	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.4	< 1	< 0.40	< 0.40
1,1,2-Trichloroethane	0.5	5	NA	NA	NA	< 0.28	NA	NA	NA	< 0.28	NA	< 0.28	< 1.4	< 0.56	< 1.4	< 0.56	< 0.56
1,1-Dichloroethene	0.7	7	NA	NA	NA	< 0.31	NA	NA	NA	< 0.31	NA	< 0.31	< 1.6	< 0.62	< 1.6	< 0.62	< 0.62
1,2,4-Trimethylbenzene	96	480	NA	NA	NA	< 0.14	NA	NA	NA	< 0.14	NA	< 0.14	< 0.7	< 0.28	< 0.7	< 0.28	< 0.28
1,2-Dibromoethane	0.005	0.05	NA	NA	NA	< 0.36	NA	NA	NA	< 0.36	NA	< 0.36	< 1.8	< 0.72	< 1.8	< 0.72	< 0.72
1,2-Dichlorobenzene	60	600	NA	NA	NA	< 0.27	NA	NA	NA	< 0.27	NA	< 0.27	< 1.4	< 0.54	< 1.4	< 0.54	< 0.54
1,2-Dichloroethane	0.5	5	NA	NA	NA	< 0.28	NA	NA	NA	< 0.28	NA	< 0.28	< 1.4	< 0.56	< 1.4	< 0.56	< 0.56
1,2-Dichloropropane	0.5	5	NA	NA	NA	< 0.2	NA	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.4	< 1	< 0.40	< 0.40
1,2,3-Trichlorobenzene	NE	NE	NA	NA	NA	< 0.24	NA	NA	NA	< 0.24	NA	< 0.24	< 1.2	< 0.48	< 1.2	< 0.48	< 0.48
1,2,4-Trichlorobenzene	14	70	NA	NA	NA	< 0.31	NA	NA	NA	< 0.31	NA	< 0.31	< 1.6	< 0.62	< 1.6	< 0.62	< 0.62
1,3,5-Trimethylbenzene	96	480	NA	NA	NA	< 0.18	NA	NA	NA	< 0.18	NA	< 0.18	< 0.9	< 0.36	< 0.9	< 0.36	< 0.36
2-Butanone	800	4000	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
4-Methyl-2-pentanone	50	500	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
Benzene	0.5	5	NA	NA	NA	< 0.074	NA	NA	NA	< 0.074	NA	< 0.074	< 0.37	< 0.15	< 0.37	< 0.15	< 0.15
Bromodichloromethane	0.06	0.6	NA	NA	NA	< 0.17	NA	NA	NA	< 0.17	NA	< 0.17	< 0.85	< 0.34	< 0.85	< 0.34	< 0.34
Bromoform	0.44	4.4	NA	NA	NA	< 0.28	NA	NA	NA	< 0.28	NA	< 0.28	< 1.4	< 0.56	< 1.4	< 0.56	< 0.56
Bromomethane	1	10	NA	NA	NA	< 0.31	NA	NA	NA	< 0.31	NA	< 0.31	< 1.6	< 0.62	< 1.6	< 0.62	< 0.62
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	NA	NA	NA	< 0.26	NA	NA	NA	< 0.26	NA	< 0.26	< 1.3	< 0.52	< 1.3	< 0.52	< 0.52
Chloroethane	80	400	NA	NA	NA	< 0.34	NA	NA	NA	< 0.34	NA	< 0.34	< 1.7	< 0.68	< 1.7	< 0.68	< 0.68
Chloroform	0.6	6	NA	NA	NA	< 0.2	NA	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.4	< 1	< 0.40	< 0.40
Chloromethane	3	30	NA	NA	NA	< 0.18	NA	NA	NA	< 0.18	NA	< 0.18	< 0.9	< 0.36	< 0.9	< 0.36	< 0.36
cis-1,2-Dichloroethene	7	70	NA	NA	NA	0.69 J	NA	NA	NA	20	NA	39	220	180	170	140	200
Dichlorodifluoromethane	200	1000	NA	NA	NA	< 0.2	NA	NA	NA	< 0.2	NA	< 0.2	< 1	< 0.4	< 1	< 0.40	< 0.40
Ethylbenzene	140	700	NA	NA	NA	< 0.13	NA	NA	NA	< 0.13	NA	< 0.13	< 0.65	< 0.26	< 0.65	< 0.26	< 0.26
Isopropylbenzene	NE	NE	NA	NA	NA	< 0.14	NA	NA	NA	< 0.14	NA	< 0.14	< 0.7	< 0.28	< 0.7	< 0.28	< 0.28
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	NA	NA	NA	< 0.24	NA	NA	NA	< 0.24	NA	< 0.24	< 1.2	< 0.48	< 1.2	< 0.48	< 0.48
Methylene chloride	0.5	5	NA	NA	NA	< 0.68	NA	NA	NA	< 0.68	NA	< 0.68	< 3.4	< 1.4	< 3.4	< 1.4	< 1.4
Naphthalene	10	100	NA	NA	NA	< 0.16	NA	NA	NA	< 0.16	NA	< 0.16	< 0.8	< 0.32	< 0.8	< 0.32	< 0.32
n-Butylbenzene	NE	NE	NA	NA	NA	< 0.13	NA	NA	NA	< 0.13	NA	< 0.13	< 0.65	< 0.26	< 0.65	< 0.26	< 0.26
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	NA	NA	< 0.13	NA	NA	NA	< 0.13	NA	< 0.13	< 0.65	< 0.26	< 0.65	< 0.26	< 0.26
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	NA	NA	NA	< 0.17	NA	NA	NA	< 0.17	NA	< 0.17	< 0.85	< 0.34	< 0.85	< 0.34	< 0.34
sec-Butylbenzene	NE	NE	NA	NA	NA	< 0.15	NA	NA	NA	< 0.15	NA	< 0.15	< 0.75	< 0.3	< 0.75	< 0.30	< 0.30
Styrene	10	100	NA	NA	NA	< 0.1	NA	NA	NA	< 0.1	NA	< 0.1	< 0.5	< 0.2	< 0.5	< 0.20	< 0.20
tert-Butylbenzene	NE	NE	NA	NA	NA	< 0.14	NA	NA	NA	< 0.14	NA	< 0.14	< 0.7	< 0.28	< 0.7	< 0.28	< 0.28
Tetrachloroethene	0.5	5	NA	NA	NA	190	NA	NA	NA	690	NA	650	1100	1000	1200	780	1100
Toluene	160	800	NA	NA	NA	0.45 J	NA	NA	NA	< 0.11	NA	< 0.11	< 0.55	< 0.22	< 0.55	< 0.22	< 0.22
trans-1,2-Dichloroethene	20	100	NA	NA	NA	< 0.25	NA	NA	NA	< 0.25	NA	< 0.25	< 1.3	2.2	< 1.3	2.0	2.6
Trichloroethene	0.5	5	NA	NA	NA	0.54	NA	NA	NA	20	NA	29	100	100	89	83	110
Trichlorofluoromethane	698	3490	NA	NA	NA	< 0.19	NA	NA	NA	< 0.19	NA	< 0.19	< 0.95	< 0.38	< 0.95	< 0.20	< 0.20
Vinyl chloride	0.02	0.2	NA	NA	NA	< 0.1	NA	NA	NA	< 0.1	NA	< 0.1	1.0 J	< 0.2	< 0.5	0.76 J	2.7
Xylenes, Total	400	2000	NA	NA	NA	< 0.068	NA	NA	NA	< 0.068	NA	< 0.068	< 0.34	< 0.14	< 0.34	< 0.14	< 0.14
Total PCBs																	
Aroclor-1016	0.003	0.03	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
Aroclor-1242	0.003	0.03	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
Total Detected PCBs	0.003	0.03	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
Aroclor-1232	0.003	0.03	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
Aroclor-1248	0.003	0.03	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
Solids																	
Total Dissolved Solids (mg/L)	NE	NE	940	1300	900	940	880	830	840	NA	1000	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

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-20D2 110 - 140 ft 11/29/2012	MW-20D2 110 - 140 ft 12/13/2012	MW-20D2 110 - 140 ft 12/14/2012	MW-20D2 110 - 140 ft 12/15/2012	MW-20D2 110 - 140 ft 12/16/2012	MW-20D2 110 - 140 ft 12/17/2012	MW-20D2 110 - 140 ft 12/18/2012	MW-20D2 110 - 140 ft 12/19/2012	MW-20D2 110 - 140 ft 12/27/2012	MW-20D2 110 - 140 ft 01/02/2013	MW-20D2 110 - 140 ft 01/16/2013	MW-20D2 110 - 140 ft 01/16/2013	MW-20D2 110 - 140 ft 01/30/2013	MW-20D2 ¹ 110 - 140 ft 02/12/2013	MW-20D2 110 - 140 ft 02/12/2013	MW-20D2 110 - 140 ft 02/12/2013	MW-20D2 ^{1,3} 110 - 140 ft 02/12/2013	
VOCS																				
1,1,1,2-Tetrachloroethane	7	70	< 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	NA	< 0.25	NA	NA	< 0.25
1,1,1-Trichloroethane	40	200	< 0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA	< 0.2	NA	NA	< 0.2
1,1,2-Trichloroethane	0.5	5	< 0.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.28	NA	< 0.28	NA	NA	< 0.28
1,1-Dichloroethene	0.7	7	< 0.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.31	NA	< 0.31	NA	NA	< 0.31
1,2,4-Trimethylbenzene	96	480	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.14	NA	< 0.14	NA	NA	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.36	NA	< 0.36	NA	NA	< 0.36
1,2-Dichlorobenzene	60	600	< 0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.27	NA	< 0.27	NA	NA	< 0.27
1,2-Dichloroethane	0.5	5	< 0.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.28	NA	< 0.28	NA	NA	< 0.28
1,2-Dichloropropane	0.5	5	< 0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA	< 0.2	NA	NA	< 0.2
1,2,3-Trichlorobenzene	NE	NE	< 0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	NA	< 0.24	NA	NA	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.31	NA	< 0.31	NA	NA	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18	NA	< 0.18	NA	NA	< 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	< 0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.074	NA	0.19 J	NA	NA	< 0.074
Bromodichloromethane	0.06	0.6	< 0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.17	NA	< 0.17	NA	NA	< 0.17
Bromoform	0.44	4.4	< 0.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.28	NA	< 0.28	NA	NA	< 0.28
Bromomethane	1	10	< 0.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.31	NA	< 0.31	NA	NA	< 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	< 0.52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.26	NA	< 0.26	NA	NA	< 0.26
Chloroethane	80	400	< 0.68	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.34	NA	< 0.34	NA	NA	< 0.34
Chloroform	0.6	6	< 0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.47 J	NA	< 0.2	NA	NA	< 0.2
Chloromethane	3	30	< 0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.18	NA	< 0.18	NA	NA	< 0.18
cis-1,2-Dichloroethene	7	70	330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.12	NA	2.8	NA	NA	< 0.12
Dichlorodifluoromethane	200	1000	< 0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA	< 0.2	NA	NA	< 0.2
Ethylbenzene	140	700	< 0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA	< 0.13	NA	NA	< 0.13
Isopropylbenzene	NE	NE	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.14	NA	< 0.14	NA	NA	< 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	< 0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.24	NA	< 0.24	NA	NA	< 0.24
Methylene chloride	0.5	5	< 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.68	NA	< 0.68	NA	NA	< 0.68
Naphthalene	10	100	< 0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.16	NA	< 0.16	NA	NA	< 0.16
n-Butylbenzene	NE	NE	< 0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA	< 0.13	NA	NA	< 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	< 0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.13	NA	< 0.13	NA	NA	< 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	< 0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.17	NA	< 0.17	NA	NA	< 0.17
sec-Butylbenzene	NE	NE	< 0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	NA	< 0.15	NA	NA	< 0.15
Styrene	10	100	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.1	NA	< 0.1	NA	NA	< 0.1
tert-Butylbenzene	NE	NE	< 0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.14	NA	< 0.14	NA	NA	< 0.14
Tetrachloroethene	0.5	5	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190	NA	700	NA	NA	24	
Toluene	160	800	< 0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.34 J	NA	< 0.11	NA	NA	< 0.11
trans-1,2-Dichloroethene	20	100	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.25	NA	< 0.25	NA	NA	< 0.25
Trichloroethene	0.5	5	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.19	NA	7.9	NA	NA	< 0.19
Trichlorofluoromethane	698	3490	< 0.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.19	NA	NA	NA	< 0.19	< 0.19
Vinyl chloride	0.02	0.2	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.1	NA	< 0.1	NA	NA	< 0.1
Xylenes, Total	400	2000	< 0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.068	NA	< 0.068	NA	NA	< 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
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
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	1000	1500	2400	3000	25000	12000	42000	34000	19000	12000	8700	2400	5500	7700	1900	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	

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-21D 60 - 90 ft 01/02/2013	MW-21D 60 - 90 ft 01/17/2013	MW-21D 60 - 90 ft 01/17/2013	MW-21D 60 - 90 ft 01/30/2013	MW-21D 60 - 90 ft 02/14/2013	MW-21D 60 - 90 ft 02/14/2013	MW-21D ¹ 60 - 90 ft 02/14/2013	MW-21D 60 - 90 ft 02/28/2013	MW-21D ¹ 60 - 90 ft 03/12/2013	MW-21D ¹ 60 - 90 ft 04/17/2013	MW-21D 60 - 90 ft 07/18/2013	MW-21D 60 - 90 ft 10/10/2013	MW-21D 60 - 90 ft 04/15/2014	MW-21D 60 - 90 ft 10/23/2014	MW-21D2 110 - 170 ft 11/28/2012	MW-21D2 110 - 170 ft 12/16/2012	MW-21D2 110 - 170 ft 12/17/2012
VOCs																			
1,1,1,2-Tetrachloroethane	7	70	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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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
2-Hexanone	NE	NE	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
Acetone	1800	9000	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	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	< 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	< 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	< 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
Carbon tetrachloride	0.5	5	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	< 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	< 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	< 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	85	NA	NA	NA	270	NA	310	310	370	360	320	230	300	NA	NA
Dichlorodifluoromethane	200	1000	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	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	< 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
Methyl tert-butyl ether	12	60	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	< 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	< 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	< 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
n-Propylbenzene	NE	NE	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
p-Isopropyltoluene	NE	NE	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	< 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	< 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	< 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	700	NA	NA	NA	1600	NA	1500	1100	1700	1600	1800	1200	2600	NA	NA
Toluene	160	800	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	< 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	23	NA	NA	NA	130	NA	160	140	180	160	180	170	160	NA	NA
Trichlorofluoromethane	698	3490	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	< 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	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
Aroclor-1232	0.003	0.03	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
Aroclor-1248	0.003	0.03	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
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
Aroclor-1232	0.003	0.03	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
Aroclor-1248	0.003	0.03	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
Solids																			
Total Dissolved Solids (mg/L)	NE	NE	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

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-21D2 110 - 170 ft 12/18/2012	MW-21D2 110 - 170 ft 12/19/2012	MW-21D2 110 - 170 ft 12/27/2012	MW-21D2 110 - 170 ft 01/02/2013	MW-21D2 110 - 170 ft 01/17/2013	MW-21D2 110 - 170 ft 01/17/2013	MW-21D2 110 - 170 ft 01/31/2013	MW-21D2 110 - 170 ft 02/14/2013	MW-21D2 110 - 170 ft 02/14/2013	MW-21D2 ¹ 110 - 170 ft 02/14/2013	MW-21D2 110 - 170 ft 02/28/2013	MW-21D2 ¹ 110 - 170 ft 03/12/2013	MW-21D2 ¹ 110 - 170 ft 04/17/2013	MW-21D2 110 - 170 ft 07/18/2013	MW-21D2 110 - 170 ft 10/15/2013	MW-21D2 110 - 170 ft 04/15/2014	MW-21D2 ¹ 110 - 170 ft 10/23/2014
VOCS																				
1,1,1,2-Tetrachloroethane	7	70	NA	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
1,1,1-Trichloroethane	40	200	NA	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 1	NA	< 1	< 2	< 1	< 0.4	< 1.0	< 0.20
1,1,2-Trichloroethane	0.5	5	NA	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
1,1-Dichloroethene	0.7	7	NA	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
1,2,4-Trimethylbenzene	96	480	NA	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
1,2-Dibromoethane	0.005	0.05	NA	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
1,2-Dichlorobenzene	60	600	NA	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
1,2-Dichloroethane	0.5	5	NA	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
1,2-Dichloropropane	0.5	5	NA	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 1	NA	< 1	< 2	< 1	< 0.4	< 1.0	< 0.20
1,2,3-Trichlorobenzene	NE	NE	NA	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
1,2,4-Trichlorobenzene	14	70	NA	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
1,3,5-Trimethylbenzene	96	480	NA	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
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	NA	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
Bromodichloromethane	0.06	0.6	NA	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
Bromoform	0.44	4.4	NA	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
Bromomethane	1	10	NA	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
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	NA	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
Chloroethane	80	400	NA	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
Chloroform	0.6	6	NA	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 1	NA	< 1	< 2	< 1	< 0.4	< 1.0	0.81 J
Chloromethane	3	30	NA	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
cis-1,2-Dichloroethene	7	70	NA	NA	NA	NA	NA	NA	< 0.12	NA	NA	NA	< 0.6	NA	< 0.6	1.90	2.20	1.10	1.10	1.3
Dichlorodifluoromethane	200	1000	NA	NA	NA	NA	NA	NA	< 0.2	NA	NA	NA	< 1	NA	< 1	< 2	< 1	< 0.4	< 1.0	< 0.20
Ethylbenzene	140	700	NA	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
Isopropylbenzene	NE	NE	NA	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
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	NA	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
Methylene chloride	0.5	5	NA	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
Naphthalene	10	100	NA	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
n-Butylbenzene	NE	NE	NA	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
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	NA	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
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	NA	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
sec-Butylbenzene	NE	NE	NA	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
Styrene	10	100	NA	NA	NA	NA	NA	NA	< 0.1	NA	NA	NA	< 0.5	NA	< 0.5	< 1	< 0.5	< 0.2	< 0.50	< 0.10
tert-Butylbenzene	NE	NE	NA	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
Tetrachloroethene	0.5	5	NA	NA	NA	NA	NA	NA	1200	NA	NA	NA	3900	NA	2200	3500	2500	1500	1900	930
Toluene	160	800	NA	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
trans-1,2-Dichloroethene	20	100	NA	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
Trichloroethene	0.5	5	NA	NA	NA	NA	NA	NA	< 0.19	NA	NA	NA	11	NA	14	150	210	120	130	3.3
Trichlorofluoromethane	698	3490	NA	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
Vinyl chloride	0.02	0.2	NA	NA	NA	NA	NA	NA	< 0.1	NA	NA	NA	< 0.5	NA	< 0.5	< 1	< 0.5	< 0.2	< 0.50	< 0.10
Xylenes, Total	400	2000	NA	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
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
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
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	910	920	1000	1100	1900	1800	4000	1200	1700	NA	3900	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

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-22S 24 - 35 ft 01/15/2013	MW-22S 24 - 35 ft 03/07/2013	MW-22S 24 - 35 ft 04/19/2013	MW-22S 24 - 35 ft 07/16/2013	MW-22S 24 - 35 ft 10/10/2013	MW-22S 24 - 35 ft 04/18/2014	MW-22S 24 - 35 ft 10/20/2014	MW-22S 24 - 35 ft 04/09/2015	MW-22S 24 - 35 ft 10/20/2015	MW-22S 24 - 35 ft 10/14/2016	MW-22S 24 - 35 ft 10/06/2017	MW-22S ³ 24 - 35 ft 10/06/2017	MW-22D 45 - 50 ft 01/15/2013	MW-22D ³ 45 - 50 ft 01/15/2013	MW-22D 45 - 50 ft 03/08/2013	MW-22D 45 - 50 ft 04/19/2013	MW-22D ³ 45 - 50 ft 04/19/2013
VOCS																			
1,1,1,2-Tetrachloroethane	7	70	< 0.25	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.11	< 0.11	< 0.11	< 0.25	< 0.25	NA	< 0.25	< 0.25
1,1,1-Trichloroethane	40	200	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.10	< 0.1	< 0.1	< 0.2	< 0.2	NA	< 0.2	< 0.2
1,1,2-Trichloroethane	0.5	5	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.35	< 0.10	< 0.1	< 0.28	< 0.28	NA	< 0.28	< 0.28
1,1-Dichloroethene	0.7	7	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.14	< 0.14	< 0.31	< 0.31	NA	< 0.31	< 0.31
1,2,4-Trimethylbenzene	96	480	0.86 J	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.060	< 0.06	< 0.14	< 0.14	NA	< 0.14	< 0.14
1,2-Dibromoethane	0.005	0.05	< 0.36	NA	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.13	< 0.13	< 0.36	< 0.36	NA	< 0.36	< 0.36
1,2-Dichlorobenzene	60	600	< 0.27	NA	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.076	0.11 J	< 0.27	< 0.27	NA	< 0.27	< 0.27
1,2-Dichloroethane	0.5	5	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.078	< 0.078	< 0.28	< 0.28	NA	< 0.28	< 0.28
1,2-Dichloropropane	0.5	5	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.43	< 0.10	< 0.1	< 0.2	< 0.2	NA	< 0.2	< 0.2
1,2,3-Trichlorobenzene	NE	NE	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.045	< 0.045	< 0.24	< 0.24	NA	< 0.24	< 0.24
1,2,4-Trichlorobenzene	14	70	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.077	0.08 BJ	< 0.31	< 0.31	NA	< 0.31	< 0.31
1,3,5-Trimethylbenzene	96	480	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.075	< 0.075	< 0.18	< 0.18	NA	< 0.18	< 0.18
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 3	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 0.95	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 0.77	NA	NA	NA	NA	NA
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 3.4	NA	NA	NA	NA	NA
Benzene	0.5	5	1.1	NA	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.089	< 0.089	< 0.074	< 0.074	NA	< 0.074	< 0.074
Bromodichloromethane	0.06	0.6	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.077	< 0.077	< 0.17	< 0.17	NA	< 0.17	< 0.17
Bromofrom	0.44	4.4	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.088	< 0.088	< 0.28	< 0.28	NA	< 0.28	< 0.28
Bromomethane	1	10	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31 *	< 0.31	< 0.80	< 0.59	< 0.59	< 0.31	< 0.31	NA	< 0.31	< 0.31
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 0.053	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.26	NA	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.038	< 0.038	< 0.26	< 0.26	NA	< 0.26	< 0.26
Chloroethane	80	400	< 0.34	NA	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.47	< 0.25	< 0.25	< 0.34	< 0.34	NA	< 0.34	< 0.34
Chloroform	0.6	6	1	NA	0.91 J	1.4	< 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
Chloromethane	3	30	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.32	0.72 J	3	0.47 J	< 0.18	NA	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70	1.8	NA	6.1	3.8	97	46	58	65	32	46	38 J	37	3.6	3.3	NA	4.9	4.9
Dichlorodifluoromethane	200	1000	< 0.2	NA	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.54	< 0.11	< 0.11	< 0.2	< 0.2	NA	< 0.2	< 0.2
Ethylbenzene	140	700	0.50	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.054	< 0.054	< 0.13	< 0.13	NA	< 0.13	< 0.13
Isopropylbenzene	NE	NE	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.081	< 0.081	< 0.14	< 0.14	NA	< 0.14	< 0.14
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 0.057	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24 *	< 0.24	< 0.24	< 0.39	< 0.14	< 0.14	< 0.24	< 0.24	NA	< 0.24	< 0.24
Methylene chloride	0.5	5	< 0.68	NA	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 0.14	< 0.14	< 0.68	< 0.68	NA	< 0.68	< 0.68
Naphthalene	10	100	< 0.16	NA	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.088	< 0.088	< 0.16	< 0.16	NA	< 0.16	< 0.16
n-Butylbenzene	NE	NE	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.14	< 0.14	< 0.13	< 0.13	NA	< 0.13	< 0.13
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.21	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.10	< 0.1	< 0.13	< 0.13	NA	< 0.13	< 0.13
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 0.058	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.085	< 0.085	< 0.17	< 0.17	NA	< 0.17	< 0.17
sec-Butylbenzene	NE	NE	< 0.15	NA	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.13	< 0.13	< 0.15	< 0.15	NA	< 0.15	< 0.15
Styrene	10	100	< 0.1	NA	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.39	< 0.065	< 0.065	< 0.1	< 0.1	NA	< 0.1	< 0.1
tert-Butylbenzene	NE	NE	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.12	< 0.12	< 0.14	< 0.14	NA	< 0.14	< 0.14
Tetrachloroethene	0.5	5	180	NA	160	210	13	23	61	17	30	18	24 BJ	23 B	520	470	NA	450	430
Toluene	160	800	1.7	NA	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.15	0.12 J	< 0.053	< 0.11	< 0.11	NA	< 0.11	< 0.11
trans-1,2-Dichloroethene	20	100	< 0.25	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.35	0.36 J	0.49 J	< 0.25	< 0.25	NA	< 0.25	< 0.25
Trichloroethene	0.5	5	4.8	NA	5.4	8.5	6.1	4.2	7.1	2.9	4.1	9.8	9.4	9.1	5.8	6	NA	5.8	5.7
Trichlorofluoromethane	698	3490	< 0.19	NA	< 0.19	< 0.19	< 0.19	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 0.5	< 0.19	< 0.19	NA	< 0.19	< 0.19
Vinyl chloride	0.02	0.2	< 0.1	NA	< 0.1	< 0.1	< 0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.20	0.40 J	0.85	< 0.1	< 0.1	NA	< 0.1	< 0.1
Xylenes, Total	400	2000	1.5	NA	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.068	< 0.22	< 0.058	< 0.12	< 0.068	< 0.068	NA	< 0.068	< 0.068
Total PCBs																			
Aroclor-1016	0.003	0.03	12	< 0.033	4	< 0.064	< 0.064	< 0.065	NA	NA	NA	NA	< 0.035	< 0.035	2.4	NA	< 0.033	< 0.064	NA
Aroclor-1232	0.003	0.03	< 0.49	13	< 0.19	< 0.19	< 0.20	< 0.20	NA	NA	NA	NA	< 0.037	< 0.037	< 0.092	NA	< 0.037	< 0.19	NA
Aroclor-1242	0.003	0.03	< 0.69	< 0.099	< 0.19	4.7	< 0.19	7.1	NA	NA	NA	NA	< 0.038	< 0.038	< 0.13	NA	< 0.1	< 0.19	NA
Aroclor-1248	0.003	0.03	< 0.58	< 0.099	< 0.19	< 0.19	< 0.20	NA	NA	NA	NA								

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

WELL ID	PREVENTIVE	ENFORCEMENT	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	MW-23S	MW-23S	MW-23S	MW-23S ³	MW-23S	MW-23S ¹	
SCREEN INTERVAL (feet bgs)	ACTION LIMIT	STANDARD	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	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	24 - 35 ft	
SAMPLE DATE			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	10/20/2014	04/09/2015	10/20/2015	10/14/2016	10/14/2016	10/06/2017	10/06/2017
VOCs																					
1,1,1,2-Tetrachloroethane	7	70	< 0.44	< 0.55	< 0.55	< 0.55	< 0.55	< 0.25	< 0.25	< 0.25	< 0.25	NA	< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.44	< 0.22	< 0.22	< 0.55
1,1,1-Trichloroethane	40	200	< 0.40	< 0.50	< 0.50	< 0.5	< 0.5	< 0.2	< 0.2	< 0.2	< 0.2	NA	< 0.2	< 0.20	< 0.20	< 0.20	< 0.38	< 0.40	< 0.20	< 0.2	< 0.5
1,1,2-Trichloroethane	0.5	5	< 0.40	< 0.50	< 0.50	< 0.5	< 0.5	< 0.28	< 0.28	< 0.28	< 0.28	NA	1.8	< 0.28	< 0.28	< 0.28	< 0.35	< 0.40	< 0.20	< 0.2	< 0.5
1,1-Dichloroethane	0.7	7	< 0.56	< 0.70	< 0.70	< 0.7	< 0.7	< 0.31	< 0.31	< 0.31	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.39	< 0.56	< 0.28	< 0.28	< 0.7
1,2,4-Trimethylbenzene	96	480	< 0.24	< 0.30	< 0.30	< 0.3	< 0.3	< 0.14	< 0.14	< 0.14	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.36	< 0.24	< 0.12	< 0.12	< 0.3
1,2-Dibromoethane	0.005	0.05	< 0.52	< 0.65	< 0.65	< 0.65	< 0.65	< 0.36	< 0.36	< 0.36	< 0.36	NA	< 0.36	< 0.36	< 0.36	< 0.36	< 0.39	< 0.52	< 0.26	< 0.26	< 0.65
1,2-Dichlorobenzene	60	600	< 0.30	< 0.38	< 0.38	< 0.38	< 0.38	< 0.27	< 0.27	< 0.27	< 0.27	NA	< 0.27	< 0.27	< 0.27	< 0.27	< 0.33	< 0.30	< 0.15	< 0.15	< 0.38
1,2-Dichloroethane	0.5	5	< 0.31	< 0.39	< 0.39	< 0.39	< 0.39	< 0.28	< 0.28	< 0.28	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.39	< 0.31	< 0.16	< 0.16	< 0.39
1,2-Dichloropropane	0.5	5	< 0.40	< 0.50	< 0.50	< 0.5	< 0.5	< 0.2	< 0.2	< 0.2	< 0.2	NA	< 0.2	< 0.20	< 0.20	< 0.20	< 0.43	< 0.40	< 0.20	< 0.2	< 0.5
1,2,3-Trichlorobenzene	NE	NE	< 0.18	< 0.23	< 0.23	< 0.23	< 0.23	< 0.24	< 0.24	< 0.24	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.18	< 0.090	< 0.09	< 0.23
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.39	< 0.39	< 0.39	< 0.39	< 0.31	< 0.31	< 0.31	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.34	< 0.31	< 0.15	< 0.15	< 0.39
1,3,5-Trimethylbenzene	96	480	< 0.30	< 0.38	< 0.38	< 0.38	< 0.38	< 0.18	< 0.18	< 0.18	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.25	< 0.30	< 0.15	< 0.15	< 0.38
2-Butanone	800	4000	< 12	< 15	< 15	< 15	< 15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 12	< 6.0	< 6	< 15
2-Hexanone	NE	NE	< 3.8	< 4.8	< 4.8	< 4.8	< 4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.8	< 1.9	< 1.9	< 4.8
4-Methyl-2-pentanone	50	500	< 3.1	< 3.9	< 3.9	< 3.9	< 3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.1	< 1.5	< 1.5	< 3.9
Acetone	1800	9000	< 14	< 17	38 BJ	< 17	< 17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 14	< 6.8	14 J	< 17
Benzene	0.5	5	< 0.36	< 0.45	0.80 J	< 0.45	< 0.45	0.73	< 0.074	< 0.074	< 0.074	NA	< 0.074	< 0.074	< 0.074	< 0.074	< 0.15	< 0.36	< 0.18	< 0.18	< 0.45
Bromodichloromethane	0.06	0.6	< 0.31	< 0.39	< 0.39	< 0.39	< 0.39	< 0.17	< 0.17	< 0.17	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 0.17	< 0.37	< 0.31	< 0.15	< 0.15	< 0.39
Bromoform	0.44	4.4	< 0.35	< 0.44	< 0.44	< 0.44	< 0.44	< 0.28	< 0.28	< 0.28	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.48	< 0.35	< 0.18	< 0.18	< 0.44
Bromomethane	1	10	< 2.4	< 3.0	< 3.0	< 3	< 3	< 0.31	< 0.31	< 0.31	< 0.31	NA	< 0.31	< 0.31	< 0.31*	< 0.31	< 0.80	< 2.4	< 1.2	< 1.2	< 3
Carbon disulfide	200	1000	< 0.21	< 0.27	2.3 J	< 0.27	< 0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.11	< 0.11	< 0.27
Carbon tetrachloride	0.5	5	< 0.15	< 0.19	< 0.19	< 0.19	< 0.19	< 0.26	< 0.26	< 0.26	< 0.26	NA	< 0.26	< 0.26	< 0.26	< 0.26	< 0.38	< 0.15	< 0.076	< 0.076	< 0.19
Chloroethane	80	400	< 1.0	< 1.3	< 1.3	< 1.3	< 1.3	< 0.34	< 0.34	< 0.34	< 0.34	NA	< 0.34	< 0.34	< 0.34	< 0.34	< 1.0	< 0.76	< 0.5	< 0.5	< 1.3
Chloroform	0.6	6	< 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	< 0.20	< 0.20	< 0.37	< 0.25	< 0.12	< 0.12	< 0.31
Chloromethane	3	30	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	< 0.18	< 0.18	< 0.32	2.3 BJ	0.86 J	0.92 J	2.7 J
cis-1,2-Dichloroethene	7	70	5.6	14	26	47	47	< 0.12	3.7	29	27	NA	16	16	19	20	9.6	12	15	33	33
Dichlorodifluoromethane	200	1000	< 0.44	< 0.55	< 0.55	< 0.55	< 0.55	< 0.2	< 0.2	< 0.2	< 0.2	NA	< 0.2	< 0.20	< 0.20	< 0.20	< 0.54	< 0.44	< 0.22	< 0.22	< 0.55
Ethylbenzene	140	700	< 0.22	< 0.27	< 0.27	< 0.27	< 0.27	0.43 J	< 0.13	< 0.13	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.18	< 0.22	< 0.11	< 0.11	< 0.27
Isopropylbenzene	NE	NE	< 0.32	< 0.41	< 0.41	< 0.41	< 0.41	< 0.14	< 0.14	< 0.14	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.39	< 0.32	< 0.16	< 0.16	< 0.41
m,p-Xylene	400	2000	< 0.23	< 0.29	< 0.29	< 0.29	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.23	< 0.11	< 0.11	< 0.29
Methyl tert-butyl ether	12	60	< 0.56	< 0.70	< 0.70	< 0.7	< 0.7	< 0.24	< 0.24	< 0.24	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.39	< 0.56	< 0.28	< 0.28	< 0.7
Methylene chloride	0.5	5	< 0.56	1.3 BJ	< 0.70	< 0.7	< 0.7	< 0.68	< 0.68	< 0.68	< 0.68	NA	< 0.68	< 0.68	< 0.68	< 0.68	< 1.6	< 0.56	< 0.28	< 0.28	< 0.7
Naphthalene	10	100	< 0.35	< 0.44	1.6 BJ	< 0.44	< 0.44	< 0.16	< 0.16	< 0.16	< 0.16	NA	< 0.16	< 0.16	< 0.16	< 0.16	< 0.34	< 0.35	< 0.18	< 0.18	0.45 BJ
n-Butylbenzene	NE	NE	< 0.56	< 0.70	< 0.70	< 0.7	< 0.7	< 0.13	< 0.13	< 0.13	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.39	< 0.56	< 0.28	< 0.28	< 0.7
n-Hexane	120	600	< 0.84	< 1.1	< 1.1	< 1.1	< 1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.84	< 0.42	< 0.42	< 1.1
n-Propylbenzene	NE	NE	< 0.40	< 0.50	< 0.50	< 0.5	< 0.5	< 0.13	< 0.13	< 0.13	< 0.13	NA	< 0.13	< 0.13	< 0.13	< 0.13	< 0.41	< 0.40	< 0.20	< 0.2	< 0.5
o-Xylene	400	2000	< 0.23	< 0.29	< 0.29	< 0.29	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.23	< 0.11	< 0.11	< 0.29
p-Isopropyltoluene	NE	NE	< 0.34	< 0.43	< 0.43	< 0.43	< 0.43	< 0.17	< 0.17	< 0.17	< 0.17	NA	< 0.17	< 0.17	< 0.17	< 0.17	< 0.36	< 0.34	< 0.17	< 0.17	< 0.43
sec-Butylbenzene	NE	NE	< 0.52	< 0.65	< 0.65	< 0.65	< 0.65	< 0.15	< 0.15	< 0.15	< 0.15	NA	< 0.15	< 0.15	< 0.15	< 0.15	< 0.40	< 0.52	< 0.26	< 0.26	< 0.65
Styrene	10	100	< 0.26	< 0.33	< 0.33	< 0.33	0.35 BJ	< 0.1	< 0.1	< 0.1	< 0.1	NA	< 0.1	< 0.10	< 0.10	< 0.10	< 0.39	< 0.26	< 0.13	< 0.13	0.35 BJ
tert-Butylbenzene	NE	NE	< 0.48	< 0.60	< 0.60	< 0.6	< 0.6	< 0.14	< 0.14	< 0.14	< 0.14	NA	< 0.14	< 0.14	< 0.14	< 0.14	< 0.40	< 0.48	< 0.24	< 0.24	< 0.6
Tetrachloroethene	0.5	5	92	120	120	120 B	120 B	290	580	420	240	NA	130	210	190	190	360	66	88	120 B	120 B
Toluene	160	800	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	< 0.11	< 0.11	< 0.15	< 0.21	< 0.11	< 0.11	< 0.27
trans-1,2-Dichloroethene	20	100	< 0.44	0.70 J	1.3 J	2.3 J	2.5 J	< 0.25	< 0.25	< 0.25											

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-23D 45 - 50 ft 01/14/2013	MW-23D 45 - 50 ft 03/08/2013	MW-23D 45 - 50 ft 04/19/2013	MW-23D 45 - 50 ft 04/20/2013	MW-23D 45 - 50 ft 07/17/2013	MW-23D 45 - 50 ft 10/10/2013	MW-23D 45 - 50 ft 04/18/2014	MW-23D 45 - 50 ft 10/20/2014	MW-23D 45 - 50 ft 04/09/2015	MW-23D 45 - 50 ft 10/20/2015	MW-23D 45 - 50 ft 01/22/2016	MW-23D 45 - 50 ft 04/21/2016	MW-23D 45 - 50 ft 07/20/2016	MW-23D 45 - 50 ft 10/14/2016	MW-23D 45 - 50 ft 12/01/2017	MW-23D 45 - 50 ft 04/11/2017	MW-23D ² 45 - 50 ft 04/11/2017	MW-23D 45 - 50 ft 10/06/2017	MW-23D ³ 45 - 50 ft 10/06/2017
VOCS																					
1,1,1,2-Tetrachloroethane	7	70	< 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	< 1.1	< 0.11	< 0.55	< 0.55
1,1,1-Trichloroethane	40	200	< 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	< 1.0	< 1.0	< 0.10	< 0.5	< 0.5
1,1,2-Trichloroethane	0.5	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	< 1.0	< 1.0	< 0.10	< 0.5	< 0.5
1,1-Dichloroethane	0.7	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	< 1.4	< 1.4	< 0.14	< 0.7	< 0.7
1,2,4-Trimethylbenzene	96	480	< 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	< 0.60	< 0.60	< 0.060	< 0.3	< 0.3
1,2-Dibromoethane	0.005	0.05	< 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	< 1.3	< 1.3	< 0.13	< 0.65	< 0.65
1,2-Dichlorobenzene	60	600	< 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	< 0.76	< 0.76	< 0.076	< 0.38	< 0.38
1,2-Dichloroethane	0.5	5	< 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	< 0.78	< 0.78	< 0.078	< 0.39	< 0.39
1,2-Dichloropropane	0.5	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	< 1.0	< 1.0	< 0.10	< 0.5	< 0.5
1,2,3-Trichlorobenzene	NE	NE	< 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	< 0.45	< 0.45	< 0.045	< 0.23	< 0.23
1,2,4-Trichlorobenzene	14	70	< 0.31	NA	< 0.31	NA	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.46	< 0.045	< 0.90	< 0.23	< 0.045	< 0.45	< 0.45	< 0.045	< 0.23	< 0.23
1,3,5-Trimethylbenzene	96	480	< 0.18	NA	< 0.18	NA	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.34	< 0.077	< 1.5	< 0.39	< 0.077	< 0.77	< 0.77	< 0.077	< 0.39	< 0.39
2-Butanone	800	4000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.0	< 60	< 15	< 3.0	< 30	< 30	< 3.0	< 15	< 15
2-Hexanone	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.95	< 19	< 4.8	< 0.95	< 9.5	< 9.5	< 0.95	< 4.8	< 4.8
4-Methyl-2-pentanone	50	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.77	< 15	< 3.9	< 0.77	< 7.7	< 7.7	< 0.77	< 3.9	< 3.9
Acetone	1800	9000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3.4	< 68	< 17	< 3.4	< 34	< 34	9.6 BJ	< 17	< 17
Benzene	0.5	5	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	< 0.89	< 0.89	< 0.089	< 0.45	< 0.45
Bromodichloromethane	0.06	0.6	< 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	1.1 BJ	< 0.77	< 0.77	< 0.39	< 0.39
Bromoform	0.44	4.4	< 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	< 0.88	< 0.88	< 0.088	< 0.44	< 0.44
Bromomethane	1	10	< 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	< 5.9	< 5.9	< 0.59	< 3	< 3
Carbon disulfide	200	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.053	< 1.1	< 0.27	< 0.053	1.4 J	< 0.53	< 0.053	< 0.27	< 0.27
Carbon tetrachloride	0.5	5	< 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	< 0.38	< 0.38	< 0.038	< 0.19	< 0.19
Chloroethane	80	400	< 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	< 2.5	< 2.5	< 0.25	< 1.3	< 1.3
Chloroform	0.6	6	< 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	1.1 BJ	1.1 J	< 0.062	< 0.31	< 0.31
Chloromethane	3	30	< 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	3.2 BJ	< 1.6	< 0.16	1.5 J	4.3 J
cis-1,2-Dichloroethene	7	70	< 0.12	NA	< 0.12	NA	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.11	< 2.2	< 0.55	< 0.11	< 1.1	< 1.1	< 0.11	< 0.55	< 0.55
Dichlorodifluoromethane	200	1000	< 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	< 1.1	< 1.1	< 0.11	< 0.55	< 0.55
Ethylbenzene	140	700	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	< 0.54	< 0.54	< 0.054	< 0.27	< 0.27
Isopropylbenzene	NE	NE	< 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	< 0.81	< 0.81	< 0.081	< 0.41	< 0.41
m,p-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.057	< 1.1	< 0.29	< 0.057	< 0.57	< 0.57	< 0.057	< 0.29	< 0.29
Methyl tert-butyl ether	12	60	< 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	< 1.4	< 1.4	< 0.14	< 0.7	< 0.7
Methylene chloride	0.5	5	< 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	1.8 BJ	< 1.4	< 1.4	< 0.7	< 0.7
Naphthalene	10	100	< 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	< 0.88	< 0.88	< 0.088	< 0.44	< 0.44
n-Butylbenzene	NE	NE	< 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	< 1.4	< 1.4	< 0.14	< 0.7	< 0.7
n-Hexane	120	600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 4.2	< 1.1	< 0.21	< 2.1	< 2.1	< 0.21	< 1.1	< 1.1
n-Propylbenzene	NE	NE	< 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	< 1.0	< 1.0	< 0.10	< 0.5	< 0.5
o-Xylene	400	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.058	< 1.2	< 0.29	< 0.058	< 0.58	< 0.58	< 0.058	< 0.29	< 0.29
p-Isopropyltoluene	NE	NE	< 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	< 0.85	< 0.85	< 0.085	< 0.43	< 0.43
sec-Butylbenzene	NE	NE	< 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	< 1.3	< 1.3	< 0.13	< 0.65	< 0.65
Styrene	10	100	< 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	< 0.65	< 0.65	< 0.065	0.45 J	< 0.33
tert-Butylbenzene	NE	NE	< 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	< 1.2	< 1.2	< 0.12	< 0.6	< 0.6
Tetrachloroethene	0.5	5	100	NA	86	NA	170	160	190	190	220	84	170	130	160	160	140	140	140	130 B	130 B
Toluene	160	800	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	1.6 BJ	< 0.53	< 0.053	< 0.27	< 0.27
trans-1,2-Dichloroethene	20	100	< 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	< 1.1	< 1.1	< 0.11	< 0.55	< 0.55
Trichloroethene	0.5	5	< 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	<				

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

WELL ID	SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-25D 120 - 130 ft 10/20/2014	MW-25D 120 - 130 ft 01/28/2015	MW-25D 120 - 130 ft 04/10/2015	MW-25D 120 - 130 ft 07/21/2015	MW-25D 120 - 130 ft 10/19/2015	MW-25D 120 - 130 ft 10/11/2016	MW-25D 120 - 130 ft 10/03/2017	MW-25D 120 - 130 ft 10/10/2018	MW-25D 120 - 130 ft 10/10/2018	MW-25D 120 - 130 ft 10/09/2019	MW-25D 120 - 130 ft 10/13/2020	MW-25D 120 - 130 ft 10/13/2021	MW-25D 120 - 130 ft 10/19/2022	MW-25D2 160 - 170 ft 05/06/2013	MW-25D2 160 - 170 ft 07/19/2013	MW-25D2 160 - 170 ft 10/04/2013	MW-25D2 160 - 170 ft 04/21/2014	MW-25D2 160 - 170 ft 07/10/2014	MW-25D2 160 - 170 ft 08/26/2014	MW-25D2 160 - 170 ft 10/22/2014	
VOCS																								
1,1,1,2-Tetrachloroethane	7	70		< 0.25	< 0.25	< 0.25	< 0.25	< 0.46	< 0.11	< 0.11	< 0.11	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	< 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	< 0.20	< 0.20	< 0.38	< 0.10	< 0.1	< 0.10	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	< 0.2	< 0.2	< 0.2	< 0.20	< 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	< 0.10	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	< 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	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	< 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	< 0.060	< 0.060	< 0.84	< 0.84	< 0.45	< 0.45	< 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	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	< 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	< 0.076	< 0.076	< 0.076	< 0.71	< 0.71	< 0.33	< 0.33	< 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	< 0.078	< 0.28	< 0.28	< 0.29	< 0.29	< 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	< 0.20	< 0.20	< 0.43	< 0.10	< 0.1	< 0.10	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	< 0.2	< 0.2	< 0.2	< 0.20	< 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	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	< 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	< 0.077	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	< 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	< 0.075	< 0.87	< 0.87	< 0.36	< 0.36	< 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	< 3.0	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE		NA	NA	NA	NA	NA	< 0.95	< 0.95	< 0.95	< 0.95	< 5.2	< 5.2	< 6.3	< 6.3	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	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000		NA	NA	NA	NA	NA	< 3.4	< 3.4	< 3.7 U	< 3.4	< 2.7	< 2.7	< 8.6	< 8.6	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	< 0.089	< 2.5	< 2.5	< 3.0	< 3.0	< 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	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	< 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	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	< 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	< 0.72 U	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	< 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	< 0.053	< 0.37	< 0.45	< 1.1	< 1.1	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	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	< 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	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6		< 0.20	< 0.20	< 0.20	< 0.20	< 0.37	< 0.062	0.08 J	< 0.062	< 0.062	< 1.3	< 1.3	< 1.2	< 1.2	< 0.2	< 0.2	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Chloromethane	3	30		< 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	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethene	7	70		< 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	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Dichlorodifluoromethane	200	1000		< 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	< 0.2	< 0.2	< 0.2	< 0.20	< 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	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	< 0.13	< 0.13	< 0.13	< 0.13	0.47 J	< 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	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	< 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	0.06 BJ	< 0.057	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	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	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 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	0.23 J	0.51 J	< 0.54 U	< 0.42 U	< 0.58	< 0.58	< 0.32	< 0.32	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68	< 0.68
Naphthalene	10	100		< 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	< 0.16	< 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	< 0.14	< 0.71	< 0.71	< 0.86	< 0.86	< 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	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	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	< 0.10	< 0.10	< 0.81	< 0.81	< 0.35	< 0.35	< 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	< 0.058	< 0.26	< 0.26	< 0.35	< 0.35	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	< 0.085	< 0.80	< 0.80	< 1.0	< 1.0	< 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	< 0.13	< 0.85	< 0.85	< 0.42	< 0.42	< 0.15	< 0.15	< 0.15	< 0.15				

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-27D 130 - 140 ft 10/11/2016	MW-27D 130 - 140 ft 1/19/2017	MW-27D ³ 130 - 140 ft 1/19/2017	MW-27D 130 - 140 ft 04/11/2017	MW-27D 130 - 140 ft 10/04/2017	MW-27D 130 - 140 ft 04/03/2018	MW-27D 130 - 140 ft 10/10/2018	MW-27D 130 - 140 ft 04/10/2019	MW-27D 130 - 140 ft 10/10/2019	MW-27D 130 - 140 ft 10/14/2020	MW-27D 130 - 140 ft 04/13/2021	MW-27D 130 - 140 ft 10/13/2021	MW-27D 130 - 140 ft 04/26/2022	MW-27D 130 - 140 ft 10/20/2022	MW-27D 130 - 140 ft 4/11/2023	MW-27D2 170 - 180 ft 12/26/2013	MW-27D2 170 - 180 ft 04/18/2014	MW-27D2 170 - 180 ft 07/09/2014	MW-27D2 ³ 170 - 180 ft 07/09/2014	MW-27D2 170 - 180 ft 10/21/2014	MW-27D2 170 - 180 ft 01/29/2015	MW-27D2 ² 170 - 180 ft 01/29/2015	MW-27D2 170 - 180 ft 04/14/2015			
VOCs																												
1,1,1,2-Tetrachloroethane	7	70	< 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	< 0.25	< 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	< 0.10	< 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	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1,2-Trichloroethane	0.5	5	< 0.10	< 0.10	< 0.10	< 0.10	< 0.1	< 0.10	< 0.10	< 0.55	< 0.55	< 0.55	< 0.83	< 0.83	< 0.83	< 0.83	< 0.31	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
1,1-Dichloroethane	0.7	7	< 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	< 0.31	< 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	< 0.060	< 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	< 0.14	< 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	< 0.13	< 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	< 0.36	< 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	< 0.076	< 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	< 0.27	< 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	< 0.078	< 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	< 0.28	< 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	< 0.10	< 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	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,2,3-Trichlorobenzene	NE	NE	< 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	< 0.24	< 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	< 0.077	< 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	< 0.31	< 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	< 0.075	< 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	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
2-Butanone	800	4000	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 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	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	< 0.77	< 0.77	< 0.77	< 1.5	< 1.5	< 4.6	< 6.0	< 6.0	< 6.0	< 6.0	< 2.2 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	1800	9000	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.5	5	< 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	< 0.074	< 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	< 0.077	< 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	< 0.17	< 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	< 0.088	< 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	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28
Bromomethane	1	10	< 0.59	< 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	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31
Carbon disulfide	200	1000	< 0.053	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.038	< 0.17	< 0.17	< 1.1	< 0.37	< 0.37	< 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
Chloroethane	80	400	< 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	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
Chloroform	0.6	6	< 0.062	< 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	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Chloromethane	3	30	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	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
cis-1,2-Dichloroethane	7	70	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	3.7	12	11	11	12	11	11	11	11	8.2	
Dichlorodifluoromethane	200	1000	< 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	< 0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	140	700	< 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	< 0.13	< 0.13	0.33 J	0.36 J	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	
Isopropylbenzene	NE	NE	< 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	< 0.14	< 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	< 0.057	< 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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 0.14	0.42 J	0.38 J+	0.51	0.39 J	< 0.14	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	< 1.1	< 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
Methylene chloride	0.5	5	< 0.14	0.16 BJ	< 0.14	< 0.14	< 0.14	< 0.14	< 0.16 J	< 0.36 U	< 0.58	< 0.58	< 0.32	< 0.32	< 0.32	< 0.32	< 1.7 U	< 0.68	< 0.68	< 0.6								

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

WELL ID	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-27D2 170 - 180 ft 07/21/2015	MW-27D2 ³ 170 - 180 ft 07/21/2015	MW-27D2 170 - 180 ft 10/20/2015	MW-27D2 170 - 180 ft 10/11/2016	MW-27D2 ³ 170 - 180 ft 10/11/2016	MW-27D2 170 - 180 ft 10/04/2017	MW-27D2 170 - 180 ft 10/10/2018	MW-27D2 170 - 180 ft 10/10/2019	MW-27D2 170 - 180 ft 10/14/2020	MW-27D2 170 - 180 ft 10/13/2021	MW-27D2 170 - 180 ft 10/20/2022	MW-28 28 - 38 ft 03/13/2015	MW-28 28 - 38 ft 04/09/2015	MW-28 28 - 38 ft 10/20/2015	MW-28 28 - 38 ft 10/10/2017	MW-28 28 - 38 ft 04/06/2018	MW-28 28 - 38 ft 10/17/2018	MW-28 28 - 38 ft 04/12/2019	MW-28 28 - 38 ft 10/16/2019	MW-28 28 - 38 ft 7/17/2020	MW-28 28 - 38 ft 10/19/2020	MW-28 28 - 38 ft 04/19/2021	MW-28 28 - 38 ft 10/19/2021		
VOCs																											
1,1,1,2-Tetrachloroethane	7	70	< 0.25	< 0.25	< 0.46	< 0.22	< 0.22	< 0.11	< 0.11	< 0.27	< 0.27	< 0.36	< 0.36	NA	NA	NA	NA	NA	< 1.1	NA	0.50 J	NA	< 2.7	NA	< 3.6		
1,1,1-Trichloroethane	40	200	< 0.20	< 0.20	< 0.38	< 0.20	< 0.20	< 0.1	< 0.10	< 0.24	< 0.24	< 0.30	< 0.30	NA	NA	NA	NA	NA	< 1.0	NA	< 0.24	NA	< 2.4	NA	< 3.0		
1,1,2-Trichloroethane	0.5	5	< 0.28	< 0.28	< 0.35	< 0.20	< 0.20	< 0.1	< 0.10	< 0.55	< 0.55	< 0.34	< 0.34	NA	NA	NA	NA	NA	< 1.0	NA	< 0.55	NA	< 5.5	NA	< 3.4		
1,1-Dichloroethene	0.7	7	< 0.31	< 0.31	< 0.39	< 0.28	< 0.28	< 0.14	< 0.14	< 0.24	< 0.24	< 0.58	< 0.58	NA	NA	NA	NA	NA	< 1.4	NA	< 0.24	NA	< 2.4	NA	< 5.8		
1,2,4-Trimethylbenzene	96	480	< 0.14	< 0.14	< 0.36	< 0.12	< 0.12	< 0.06	< 0.060 J-	< 0.84	< 0.84	< 0.45	< 0.45	NA	NA	NA	NA	NA	< 0.60	NA	< 0.84	NA	< 8.4	NA	< 4.5		
1,2-Dibromoethane	0.005	0.05	< 0.36	< 0.36	< 0.39	< 0.26	< 0.26	< 0.13	< 0.13	< 0.83	< 0.83	< 0.31	< 0.31	NA	NA	NA	NA	NA	< 1.3	NA	< 0.83	NA	< 8.3	NA	< 3.1		
1,2-Dichlorobenzene	60	600	< 0.27	< 0.27	< 0.33	< 0.15	< 0.15	< 0.076	< 0.076	< 0.71	< 0.71	< 0.33	< 0.33	NA	NA	NA	NA	NA	< 0.76	NA	< 0.71	NA	< 7.1	NA	< 3.3		
1,2-Dichloroethane	0.5	5	< 0.28	< 0.28	< 0.39	< 0.16	< 0.16	< 0.078	< 0.078	< 0.28	< 0.28	< 0.29	< 0.29	NA	NA	NA	NA	NA	< 0.78	NA	< 0.28	NA	< 2.8	NA	< 2.9		
1,2-Dichloropropane	0.5	5	< 0.20	< 0.20	< 0.43	< 0.20	< 0.20	< 0.1	< 0.10	< 0.28	< 0.28	< 0.45	< 0.45	NA	NA	NA	NA	NA	< 1.0	NA	< 0.28	NA	< 2.8	NA	< 4.5		
1,2,3-Trichlorobenzene	NE	NE	< 0.24	< 0.24	< 0.46	< 0.090	< 0.090	< 0.045	< 0.045	< 0.63	< 2.2	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 0.45	NA	< 0.63	NA	< 22.1	NA	< 10.2		
1,2,4-Trichlorobenzene	14	70	< 0.31	< 0.31	< 0.34	< 0.15	< 0.15	< 0.077	< 0.077	< 0.95	< 0.95	< 0.95	< 0.95	NA	NA	NA	NA	NA	< 0.77	NA	< 0.95	NA	< 9.5	NA	< 9.5		
1,3,5-Trimethylbenzene	96	480	< 0.18	< 0.18	< 0.25	< 0.15	< 0.15	< 0.075	< 0.075 J-	< 0.87	< 0.87	< 0.36	< 0.36	NA	NA	NA	NA	NA	< 0.75	NA	< 0.87	NA	< 8.7	NA	< 3.6		
2-Butanone	800	4000	NA	NA	NA	< 6.0	< 6.0	< 3	< 3.0	< 2.9	< 2.9	< 6.5	< 6.5	NA	NA	NA	NA	NA	< 30	NA	< 2.9	NA	< 29.4	NA	< 65.2		
2-Hexanone	NE	NE	NA	NA	NA	< 1.9	< 1.9	< 0.95	< 0.95	< 2.5	< 2.5	< 6.3	< 6.3	NA	NA	NA	NA	NA	< 9.5	NA	< 2.5	NA	< 52.1	NA	< 62.8		
4-Methyl-2-pentanone	50	500	NA	NA	NA	< 1.5	< 1.5	< 0.77	< 0.77	< 1.5	< 4.6	< 6.0	< 6.0	NA	NA	NA	NA	NA	< 7.7	NA	< 1.5	NA	< 46.4	NA	< 59.5		
Acetone	1800	9000	NA	NA	NA	< 6.8	< 6.8	3.5 J	< 3.4	< 2.7	< 2.7	< 8.6	< 8.6	NA	NA	NA	NA	NA	< 34	NA	< 2.7	NA	< 27.4	NA	< 86.4		
Benzene	0.5	5	< 0.074	< 0.074	< 0.15	< 0.18	< 0.18	< 0.089	< 0.089	< 0.25	< 0.25	< 0.30	< 0.30	NA	NA	NA	NA	NA	< 0.89	NA	< 0.25	NA	< 2.5	NA	< 3.0		
Bromodichloromethane	0.06	0.6	< 0.17	< 0.17	< 0.37	< 0.15	< 0.15	< 0.077	< 0.077	< 0.36	< 0.36	< 0.42	< 0.42	NA	NA	NA	NA	NA	< 0.77	NA	< 0.36	NA	< 3.6	NA	< 4.2		
Bromofrom	0.44	4.4	< 0.28	< 0.28	< 0.48	< 0.18	< 0.18	< 0.088	< 0.088	< 4.0	< 4.0	< 3.8	< 3.8	NA	NA	NA	NA	NA	< 0.88	NA	< 4.0	NA	< 39.7	NA	< 38.0		
Bromomethane	1	10	< 0.31	< 0.31	< 0.80	< 1.2	< 1.2	< 0.59	< 0.59	< 0.97	< 0.97	< 1.2	< 1.2	NA	NA	NA	NA	NA	< 5.9	NA	< 0.97	NA	< 9.7	NA	< 11.9		
Carbon disulfide	200	1000	NA	NA	NA	< 0.11	< 0.11	< 0.053	< 0.053	< 0.37	< 0.45	< 1.1	< 1.1	NA	NA	NA	NA	NA	< 0.53	NA	< 0.37	NA	< 4.5	NA	< 11.0		
Carbon tetrachloride	0.5	5	< 0.26	< 0.26	< 0.38	< 0.076	< 0.076	< 0.038	< 0.038	< 0.17	< 1.1	< 0.37	< 0.37	NA	NA	NA	NA	NA	< 0.38	NA	< 0.17	NA	< 10.8	NA	< 3.7		
Chloroethane	80	400	< 0.34	< 0.34	< 0.47	< 0.50	< 0.50	< 0.25	< 0.25	< 1.3	< 1.3	< 1.4	< 1.4	NA	NA	NA	NA	NA	< 2.5	NA	< 1.3	NA	< 13.4	NA	< 13.8		
Chloroform	0.6	6	< 0.20	< 0.20	< 0.37	< 0.12	< 0.12	< 0.062	< 0.062	< 1.3	< 1.3	< 1.2	< 1.2	NA	NA	NA	NA	NA	< 0.62	NA	< 1.3	NA	< 12.7	NA	< 11.8		
Chloromethane	3	30	< 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	NA	NA	NA	NA	NA	< 3.0 U	NA	< 2.2	NA	< 21.9	NA	< 16.4		
cis-1,2-Dichloroethene	7	70	6.1	6.1	1.8	21	23	9.4	13	12.7	7.1	8.6	6.1	NA	NA	NA	NA	NA	< 1.1	NA	< 0.27	NA	< 2.7	NA	< 4.7 J		
Dichlorodifluoromethane	200	1000	< 0.20	< 0.20	< 0.54	< 0.22	< 0.22	< 0.11	< 0.11	< 0.50	< 0.50	< 0.46	< 0.46	NA	NA	NA	NA	NA	< 1.1	NA	< 0.50	NA	< 5.0	NA	< 4.6		
Ethylbenzene	140	700	< 0.13	< 0.13	< 0.18	< 0.11	< 0.11	< 0.054	< 0.054	< 0.22	< 0.32	< 0.33	< 0.33	NA	NA	NA	NA	NA	< 0.54	NA	< 0.22	NA	< 3.2	NA	< 3.3		
Isopropylbenzene	NE	NE	< 0.14	< 0.14	< 0.39	< 0.16	< 0.16	< 0.081	< 0.081	< 0.39	< 1.7	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 0.81	NA	< 0.39	NA	< 16.9	NA	< 10.0		
m,p-Xylene	400	2000	NA	NA	NA	< 0.11	< 0.11	< 0.057	< 0.057	< 0.47	< 0.47	< 0.70	< 0.70	NA	NA	NA	NA	NA	< 0.57	NA	< 0.47	NA	< 4.7	NA	< 7.0		
Methyl tert-butyl ether	12	60	< 0.24	< 0.24	0.83 J	< 0.28	< 0.28	< 0.14	< 0.14	< 1.2	< 1.2	< 1.1	< 1.1	NA	NA	NA	NA	NA	< 1.4	NA	< 1.2	NA	< 12.5	NA	< 11.3 J		
Methylene chloride	0.5	5	< 0.68	< 0.68	< 1.6	< 0.28	< 0.28	< 0.14	< 0.33 U	< 0.58	< 0.58	< 0.32	< 0.32	NA	NA	NA	NA	NA	< 1.4	NA	< 0.58	NA	< 5.8	NA	< 3.2		
Naphthalene	10	100	< 0.16	< 0.16	< 0.34	< 0.18	< 0.18	< 0.088	< 0.088	< 1.2	< 1.2	< 1.1	< 1.1	NA	NA	NA	NA	NA	< 0.88	NA	< 1.2	NA	< 11.8	NA	< 11.3		
n-Butylbenzene	NE	NE	< 0.13	< 0.13	< 0.39	< 0.28	< 0.28	< 0.14	< 0.14	< 0.71	< 0.71	< 0.86	< 0.86	NA	NA	NA	NA	NA	< 1.4	NA	< 0.71	NA	< 7.1	NA	< 8.6		
n-Hexane	120	600	NA	NA	NA	< 0.42	< 0.42	< 0.21	< 0.21	< 1.7	< 1.7	< 1.5	< 1.5	NA	NA	NA	NA	NA	< 2.1	NA	< 1.7	NA	< 17.1	NA	< 14.6		
n-Propylbenzene	NE	NE	< 0.13	< 0.13	< 0.41	< 0.20	< 0.20	< 0.1	< 0.10	< 0.81	< 0.81	< 0.35	< 0.35	NA	NA	NA	NA	NA	< 1.0	NA	< 0.81	NA	< 8.1	NA	< 3.5		
o-Xylene	400	2000	NA	NA	NA	< 0.12	< 0.12	< 0.058	< 0.058	< 0.26	< 0.26	< 0.35	< 0.35	NA	NA	NA	NA	NA	< 0.58	NA	< 0.26	NA	< 2.6	NA	< 3.5		
p-Isopropyltoluene	NE	NE	< 0.17	< 0.17	< 0.36	< 0.17	< 0.17	< 0.085	< 0.085	< 0.80	< 0.80	< 1.0	< 1.0	NA	NA	NA	NA	NA	< 0.85	NA	< 0.80	NA	< 8.0	NA	< 10.4		
sec-Butylbenzene	NE	NE	< 0.15	< 0.15	< 0.40	< 0.26	< 0.26	< 0.13	< 0.13	< 0.85	< 0.85	< 0.42	< 0.42	NA	NA	NA	NA	NA	< 1.3	NA	< 0.85	NA	< 8.5	NA	< 4.2		
Styrene	10	100	< 0.10	< 0.10	< 0.39	< 0.13	< 0.13	< 0.065	< 0.065 J-	< 0.47	< 0.47	< 0.36	< 0.36	NA	NA	NA	NA	NA	< 0.65	NA	< 0.47	NA	< 30.1	NA	< 3.6		
tert-Butylbenzene	NE	NE	< 0.14	< 0.14	< 0.40	< 0.24	< 0.24	< 0.12	< 0.12	< 0.30	< 0.30	< 0.59	< 0.59	NA	NA	NA	NA	NA	< 1.2	NA	< 0.3						

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 6/6/2023
Checked By: L. Auner 6/7/2023

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.

Attachment 6

Semi-Annual Groundwater Monitoring Laboratory Analytical Reports



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

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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Case Narrative

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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 2.0° C and 5.7° 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: Bromomethane. 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

Case Narrative

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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.

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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.

Eurofins Chicago

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.

Eurofins Chicago

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.

Eurofins Chicago

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.

Eurofins Chicago

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

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Client Sample Results

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

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

Eurofins Chicago

Client Sample Results

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

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 Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

Eurofins Chicago

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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 Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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 Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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 Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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 Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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 Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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 Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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 Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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 Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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 Sample Results

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

Date Collected: 04/11/23 11:03

Matrix: Water

Date Received: 04/14/23 10:10

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

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Client Sample Results

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

Date Collected: 04/11/23 11:03

Matrix: Water

Date Received: 04/14/23 10:10

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 Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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 Sample Results

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

Date Collected: 04/12/23 00:00

Matrix: Water

Date Received: 04/14/23 10:10

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

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Client Sample Results

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

Date Collected: 04/12/23 00:00

Matrix: Water

Date Received: 04/14/23 10:10

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

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Client Sample Results

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

Date Collected: 04/12/23 00:00

Matrix: Water

Date Received: 04/14/23 10:10

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: DUP-02-202304

Lab Sample ID: 500-232280-15

Date Collected: 04/13/23 00:00

Matrix: Water

Date Received: 04/14/23 10:10

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: DUP-02-202304

Lab Sample ID: 500-232280-15

Date Collected: 04/13/23 00:00

Matrix: Water

Date Received: 04/14/23 10:10

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 Sample Results

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

Date Collected: 04/13/23 16:20

Matrix: Water

Date Received: 04/14/23 10:10

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

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Client Sample Results

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

Date Collected: 04/13/23 16:20

Matrix: Water

Date Received: 04/14/23 10:10

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-232280-17

Date Collected: 04/11/23 00:00

Matrix: Water

Date Received: 04/14/23 10:10

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-232280-17

Date Collected: 04/11/23 00:00

Matrix: Water

Date Received: 04/14/23 10:10

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 Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MP-14 (135-140)-202304

Lab Sample ID: 500-232280-18

Date Collected: 04/10/23 15:30

Matrix: Water

Date Received: 04/14/23 10:10

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MP-14 (135-140)-202304

Lab Sample ID: 500-232280-18

Date Collected: 04/10/23 15:30

Matrix: Water

Date Received: 04/14/23 10:10

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 Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MP-16 (140-144)-202304

Lab Sample ID: 500-232280-19

Date Collected: 04/10/23 14:30

Matrix: Water

Date Received: 04/14/23 10:10

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

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Client Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

Client Sample ID: MP-16 (140-144)-202304

Lab Sample ID: 500-232280-19

Date Collected: 04/10/23 14:30

Matrix: Water

Date Received: 04/14/23 10:10

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

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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.
α	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: 500-232280-1

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	

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QC Association Summary

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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	

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QC Association Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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	

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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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	BFB (72-124)	DBFM (75-120)	TOL (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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (48-129)	TCX2 (36-117)
500-232280-14	DUP-01-202304	116	94 p

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

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Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater
TCX = Tetrachloro-m-xylene (Surr)

Job ID: 500-232280-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB2 (48-129)	TCX1 (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)

Lab Sample ID	Client Sample ID	DCB1 (48-129)	TCX1 (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)

QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

Lab Sample ID: 500-232280-8 MS

Client Sample ID: MW-5D3-202304

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 708655

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
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	MS	Limits
	%Recovery	Qualifier	
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

QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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

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QC Sample Results

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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	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

QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

Lab Sample ID: 500-232280-5 MSD
Matrix: Water
Analysis Batch: 432711

Client Sample ID: MW-5S-202304
Prep Type: Total/NA
Prep Batch: 432697

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	
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
		MSD	MSD								
Surrogate	%Recovery	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
Matrix: Water
Analysis Batch: 708422

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

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<4.3		10.0	4.3	mg/L			04/19/23 06:18	1

Lab Sample ID: LCS 500-708422/2
Matrix: Water
Analysis Batch: 708422

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
Total Dissolved Solids	250	240.0		mg/L		96	80 - 120

Lab Sample ID: MB 500-708732/1
Matrix: Water
Analysis Batch: 708732

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

Analyte	MB	MB	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<4.3		10.0	4.3	mg/L			04/20/23 08:20	1

Lab Sample ID: LCS 500-708732/2
Matrix: Water
Analysis Batch: 708732

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
Total Dissolved Solids	250	236.0		mg/L		94	80 - 120

Lab Sample ID: 500-232280-5 MSD
Matrix: Water
Analysis Batch: 708732

Client Sample ID: MW-5S-202304
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
Total Dissolved Solids	734		250	986.0		mg/L		101	75 - 125

Lab Sample ID: 500-232280-5 MSD
Matrix: Water
Analysis Batch: 708732

Client Sample ID: MW-5S-202304
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	
Total Dissolved Solids	734		250	1010		mg/L		110	75 - 125	2	20

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

Date Collected: 04/13/23 15:07

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch 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

Date Collected: 04/12/23 15:01

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch 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

Date Collected: 04/12/23 15:53

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch 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

Date Collected: 04/12/23 11:20

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch 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

Date Collected: 04/13/23 09:54

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch 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

Date Collected: 04/13/23 11:12

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch 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

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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

Eurofins Chicago

Lab Chronicle

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

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

Date Collected: 04/13/23 00:00

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-15

Matrix: Water

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

Date Collected: 04/13/23 16:20

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-16

Matrix: Water

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

Date Collected: 04/11/23 00:00

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-17

Matrix: Water

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

Date Collected: 04/10/23 15:30

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-18

Matrix: Water

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

Date Collected: 04/10/23 14:30

Date Received: 04/14/23 10:10

Lab Sample ID: 500-232280-19

Matrix: Water

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

Eurofins Chicago

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

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Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Groundwater

Job ID: 500-232280-1

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


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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 Brager		Lab PM: Fredrick Sandie		Carrier Tracking No(s)		COC No. 500-111632-46358 1				
Client Contact: Ben Wachholz - Wesley Brager		Phone: 608-234-7374		E-Mail: Sandra.Fredrick@et.eurofinsus.com		State of Origin		Page 1 of 3				
Company: TRC Environmental Corporation				PWSID.		Analysis Requested						
Address: 999 Fournier Drive Suite 101		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260D - VOC 2540C, 2540D 8082A_LL - PCB		 500-232280 COC		Job #: 500-232280 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)				
City: Madison		TAT Requested (days)										
State Zip: WI, 53717		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No										
Phone:		PO # 197252										
Email: W Brager, BWachholz@trccompanies.com		WO #										
Project Name: MadisonKipp Groundwater		Project #: 50021412										
Site		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)	8260D - VOC	2540C, 2540D	8082A_LL - PCB	Total Number of Containers	Special Instructions/Note
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	S		3	
5	MW-5S-202304	4/13/23	954	Water		Y		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						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological						<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Deliverable Requested I II III IV Other (specify)						Special Instructions/QC Requirements.						
Empty Kit Relinquished by			Date		Time		Method of Shipment					
Relinquished by: <i>Wm J...</i>			Date/Time: 4/13/23 1730		Company: TRC		Received by: Stephanie Hernandez		Date/Time: 4/14/23 1010		Company: EETA	
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:			Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: 5.8-5.7, 2.1-2.0								



500-232280 Waybi

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

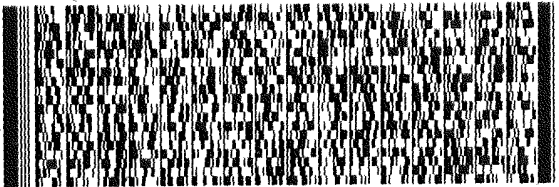
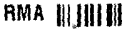
(708) 534-5200

REF

INV:

PO:

DEPT



FedEx
Express



0221

480t

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

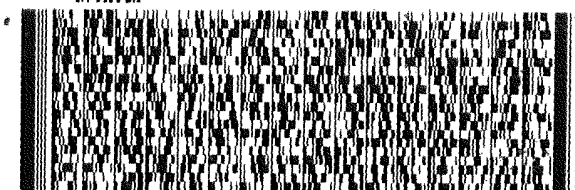
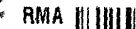
(708) 534-5200

REF

INV:

PO:

DEPT



FedEx
Express



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FedEx
TRK# 6374 2028 4120
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FRI - 14 APR 10:30A
PRIORITY OVERNIGHT

XN JOTA

60484
IL-US ORD

FedEx
TRK# 6374 2028 4119
0221

FRI - 14 APR 10:30A
PRIORITY OVERNIGHT

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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	

Attachment 7

**Storm Sewer Sediment and Stormwater Monitoring
Laboratory Analytical Report**

 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 5/4/2023 2:23:38 PM

JOB DESCRIPTION

MadisonKipp Surface/Soil

JOB NUMBER

500-232598-1

Eurofins Chicago

Job Notes

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

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

Authorization



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5/4/2023 2:23:38 PM

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



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Case Narrative

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

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 1.7° 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.

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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

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Client Sample Results

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

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 Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

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

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

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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	DCBP1
		(49-129)	(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

QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

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 MB		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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 MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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 LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
PCB-1016	167	149		ug/Kg		89	57 - 120
PCB-1260	167	146		ug/Kg		88	61 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
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	Batch 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	Batch 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
Project/Site: MadisonKipp Surface/Soil

Job ID: 500-232598-1

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

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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
ACTWT 10 00 LB MAN
CAD 0870970/CAFE3621

TO CHICAGO SAMPLE RECEIVING
TESTAMERICA
2417 BOND ST.

UNIVERSITY PARK IL 60484

(708) 534-5200

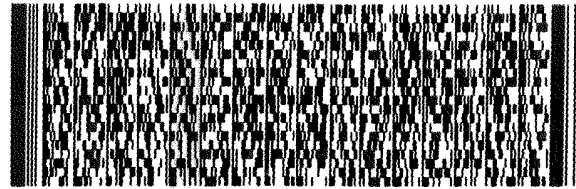
REF

INV

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RMA:



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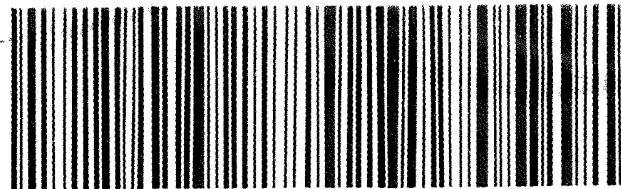
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THU - 20 APR 10:30A
PRIORITY OVERNIGHT

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EXP 02/24

582C3/78CF/432A

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Eurofins Chicago

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)	Sampler: Fredrick, Sandie	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
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Company: Eurofins Environment Testing Northeast,	Accreditations Required (See note): State - Wisconsin; State Program - Wisconsin	Job #: 500-232598-1
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Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 5/3/2023	Analysis Requested	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:
---	---------------------------------	---------------------------	---

City: Pittsburgh	TAT Requested (days):
---------------------	-----------------------

State, Zip: PA, 15238	PO #:
--------------------------	-------

Phone: 412-963-7058(Tel) 412-963-2468(Fax)	WO #:
---	-------

Email:	Project #: 50021412
--------	------------------------

Project Name: MadisonKipp Surface/Soil	SSOW#:
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Site:	SSOW#:
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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/No)	Performance (MS/MS) (Yes/No)	0882A TL0510C TL PCB	0882A TL0510C TL PCB	Special Instructions/Note:
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Outfall (041923)-W (500-232598-3)	4/19/23	13:50 Central		Water			X		
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Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
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Unconfirmed	<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
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Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
--	-----------------------------	---------------------------------------

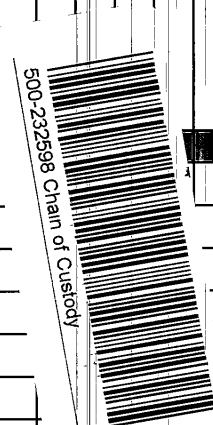
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
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Relinquished by: <i>Shirley Scott</i>	Date/Time: <i>4/21/23 1520</i>	Company:	Received by: <i>Greg Scott</i>	Date/Time: <i>4-22-23 0933</i>	Company: <i>EPRI/AME</i>
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Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
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Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
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Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
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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 \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.7
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 <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



 **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

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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Case Narrative

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-233112-1

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 3.6° 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.

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This Detection Summary does not include radiochemical test results.

Eurofins Chicago

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

1

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Client Sample Results

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

Date Collected: 05/01/23 13:15

Matrix: Water

Date Received: 05/02/23 10:10

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

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-233112-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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

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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)

Lab Sample ID	Client Sample ID	DCB1	TCX1
		(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)

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QC Sample Results

Client: TRC Environmental Corporation
 Project/Site: MKC Rain Garden

Job ID: 500-233112-1

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 MB		LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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 MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
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 LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
PCB-1016	1.00	1.01		ug/L		101	36 - 113
PCB-1260	1.00	1.08		ug/L		108	33 - 116

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
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

Lab Sample ID: 500-233112-1

Date Collected: 05/01/23 13:15

Matrix: Water

Date Received: 05/02/23 10:10

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Analyst</u>	<u>Lab</u>	<u>Prepared or Analyzed</u>
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

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Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: MKC Rain Garden

Job ID: 500-233112-1

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

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500-233112 Waybl

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/INET4610

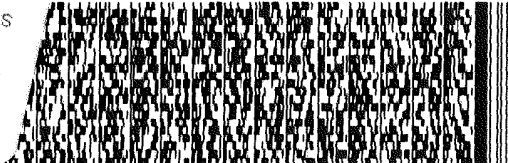
BILL SENDER

TO **SAMPLE RECEIPT**
EUROFINS TESTAMERICA
2417 BOND STREET

UNIVERSITY PARK IL 60484

(920) 261-1660 X 122 REF 525152.0000.0000 000003 000002
INV DEPT
PO

ST 26
RT 51



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 00:49 MEMH 577C3/78CF/FE2D

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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	

