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July 30, 2021

Mr. Steven Martin
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, 2021 – June 30, 2021
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. Martin:

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). 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 2021 Annual Report which will be submitted in early 2022.

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 9,655,444 gallons of groundwater were treated between January 1, 2021 and June 30, 2021. A GETS operation summary log for this reporting period is included in Table 1. Approximately 97 pounds of VOCs were removed between January 1 and June 30, 2021. 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 in early 2021 due to the hydrogen peroxide pump losing pressure and for routine maintenance and repairs.

As part of the GETS operation, peroxide is metered into a mixing tank to treat permanganate in the influent water. Sodium permanganate was injected into the groundwater during a pilot study prior to 2015 to reduce the concentration of chlorinated volatile organic compounds prior to installation and operation of the GETS. When the GETS began operation in July 2015, permanganate was found in the influent water, so the peroxide system was added to remove permanganate. The influent and effluent water has been visually inspected since the peroxide system was added to assess permanganate removal before discharging to the storm sewer. Based on the monthly inspections, influent

permanganate concentrations have significantly decreased since startup of the GETS. After discussion and approval from the WDNR, the hydrogen peroxide system was taken offline on March 17, 2021. The system influent and effluent continue to be visually monitored for evidence of permanganate and the system will be restarted if necessary.

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 and permanganate neutralization verification (through March 2021). 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 2021 were submitted electronically and a copy of the last submittal from the June 2021 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 2021 sample was collected on June 16, 2021 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. The influent gas (pre-carbon treatment) was analyzed for comparison to regulatory standards for comparison purposes, and the influent gas concentrations are below the established NR 445 and NR 406 emissions standards.

Soil Vapor Extraction System OM&M

MKC previously operated a SVE system for extraction and treatment of shallow soil vapor on the east-northeast portion of the Site. The system began long term operation in May 2013 and continued operation through October 2018. On October 25, 2018, the SVE system was shut down, as approved by the WDNR, to 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

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results was included in the January 1, 2019 – December 31, 2019 Madison-Kipp Corporation Groundwater, Soil Vapor, and Treatments Systems Report (TRC, 2020). TRC and MKC are in the process of evaluating historical site information and recent monitoring results and recommend a meeting with the WDNR to discuss the next steps in reference to onsite soil vapor extraction treatment operations.

Soil Vapor Probe Abandonment

On June 25, 2021, TRC abandoned two soil vapor probes located at 150 South Marquette Street, Madison, WI that were originally installed in 2006 to monitor soil gas vapor. It was determined that these vapor probes were no longer needed, so they were properly abandoned using 3/8" bentonite chips. The soil vapor probe abandonment forms can be found in Attachment 5.

Site Groundwater Monitoring

Water level gauging and groundwater sampling at the Site was conducted in April 2021 per the current WDNR-approved groundwater monitoring plan (Table 7). The other semi-annual site monitoring event is planned for October 2021. Both events will be documented and discussed in detail in the annual report for the site which will cover activities from January to December 2021.

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 Flow Conditions

Water levels at 39 Site monitoring wells, one extraction well, and the 20 multi-port well intervals were gauged in April 2021. The most recent water table map and potentiometric surface maps for the site, were included in the 2020 Operation, Monitoring, and Maintenance Annual Report (TRC, 2021). Data for 2021 in water table and potentiometric surface maps will be included in the 2021 Operation, Monitoring, and Maintenance Annual Report.

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 6. Table 5 shows results from the two latest sampling events and the laboratory analytical report for April 2021 monitoring event is included in Attachment 7. 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 2021 annual report will include further discussion of the site groundwater monitoring, including the April and October sampling results.



Rain Garden Semi-Annual Sampling

TRC completed the first semi-annual round of sediment sampling as recommended in the December 4, 2018, Rain Garden – 2018 Sediment Monitoring (BRRTS #02-13-562649) letter (TRC, 2018). Sediment samples were collected from manhole MH-1A and the Outfall point into the rain garden on May 7, 2021 and analyzed for PCBs using EPA Method 8082. In accordance with Section D Part 2 of the April 2, 2019, U.S. Environmental Protection Agency TSCA PCB Coordinated Approval, one water sample was collected from the outfall area on May 7, 2021 and 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 Attachment 8 includes the laboratory analytical report for the sediment and water samples collected.

- The May 7, 2021 sample collected from manhole MH-1A reported low concentrations of total PCBs, below the NR 720 industrial direct contact residual contaminant levels (RCLs). The sediment observed within MH-1A was primarily coarse grain material with some fines and organics.
- The Outfall sediment sample from May 7, 2021 exceeded the NR 720 Industrial Direct Contact RCL for total PCBs (1.03 mg/kg compared to RCL of 0.967 mg/kg). The WDNR was notified and confirmation sampling was conducted on June 2, 2021. Three samples were collected and analyzed for PCBs, one sample from the Outfall and two samples from within the rain garden as shown on Figure 4. Confirmation sample results reported no exceedances of the NR 720 RCL Industrial Direct Contact for total PCBs. Sediment accumulation within the Outfall, generally consisted of fine grain material with some organics. Following confirmation sampling, sediment within the Outfall was removed and containerized for disposal based on the detection of PCBs in the May 7, 2021 sample.
- No PCB aroclors analyzed were detected above the laboratory method detection limits for the water sample collected 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 the hydrogen peroxide pump faults, routine maintenance, and equipment repairs.

Site groundwater monitoring was completed in April 2021. The second semi-annual groundwater monitoring event is planned for October 2021. Water table, potentiometric surface, and isoconcentration maps and a discussion on groundwater quality will be included in the 2021 Annual Report.

The last round of soil gas monitoring was completed in 2019 and results were discussed in the 2019 Operation, Monitoring, and Maintenance Annual Report (TRC, 2020). TRC recommends conducting a meeting between the WDNR, MKC, and TRC to discuss the future operations of the SVE system.

The first semi-annual sediment and stormwater monitoring for the Rain Garden (BRRTS #02-13-562649) was completed and an exceedance of the NR 720 RCL industrial direct contact for total PCBs was



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detected in the Outfall sample. Confirmation sampling was completed, and results reported no exceedances of the NR 720 RCL industrial direct contact for PCBs. Sediment was removed from the Outfall following sampling. MKC will continue to monitor sediment on semi-annual basis.

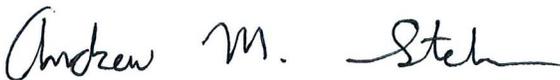
Based on the results of the January through June 2021 OM&M, the following work is planned for the remainder of the 2021 calendar year:

- GETS operation
- SVE evaluation/ WDNR meeting
- GETS compliance monitoring
- Groundwater monitoring (October 2021)
- 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 (608-826-3665) or Katherine Vater (608-826-3663) of TRC.

Sincerely,

TRC



Andrew Stehn, P.E.
Senior Project Engineer



Katherine Vater, P.E.
Project Manger

cc: Matt Sill – MKC (electronic)
Regional PCB Coordinator – U.S. EPA (electronic)
Luke Lampo – WDNR (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. 2021. Operations. Monitoring, and Maintenance Annual Report – January 1, 2020 – December 31, 2020, Madison-Kipp Corporation Groundwater and Soil Vapor Extraction Treatment Systems. June 25, 2021.



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Table 1: Summary of Groundwater Extraction System Operation and Mass Removal - January - June 2021

**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)		
12/23/2020	747,293	102,987,516	57,282	40	NS	NS	1470	
1/6/2021	524,849	103,512,365	37,780	26	NS	NS	1480	GETS shutdown between 12/2/20 and 1/4/21 due to a chemical fault with the peroxide pump, the pump was primed and the system was restarted.
1/13/2021	403,403	103,915,768	57,543	40	NS	NS	1480	GETS was shutdown on 1/13/21 for general system cleaning/maintenance, then restarted following.
1/21/2021	454,571	104,370,339	56,703	39	NS	NS	1490	GETS shutdown on 1/26/21 for a period of time due to a power outage.
2/2/2021	671,963	105,042,302	55,981	39	NS	NS	1490	
2/8/2021	322,542	105,364,844	52,547	36	NS	NS	1500	GETS shutdown on 2/5/21 and 2/7/21 due to a chemical fault with the peroxide pump. The pump was primed and system was restarted on 2/8/21.
2/19/2021	625,645	105,990,489	57,571	40	NS	NS	1500	
2/25/2021	314,136	106,304,625	50,644	35	NS	NS	1500	GETS shutdown on 2/23/21 and 2/24/21 due to a chemical fault with the peroxide pump. The pump was primed and system was restarted on 2/24/21.
3/3/2021	259,901	106,564,526	43,727	30	1264	11.7	1510	GETS shutdown on 3/2/21 due to a chemical fault with the peroxide pump. The pump was primed and system was restarted on 3/3/21.
3/8/2021	278,709	106,843,235	56,791	39	NS	NS	1510	GETS shutdown on 3/8/21 due to a chemical fault with the peroxide pump. The pump was primed and system was restarted on 3/8/21.
3/16/2021	464,914	107,308,149	57,245	40	NS	NS	1520	
4/1/2021	913,694	108,221,843	57,545	40	NS	NS	1520	
4/12/2021	640,255	108,862,098	57,447	40	NS	NS	1530	
4/15/2021	158,240	109,020,338	57,863	40	NS	NS	1530	
4/21/2021	350,051	109,370,389	57,536	40	NS	NS	1540	
4/29/2021	130,162	109,500,551	16,171	11	NS	NS	1540	GETS was shutdown on 4/23/21 for general system cleaning/maintenance, and restarted on 4/28/21.
5/7/2021	409,007	109,909,558	49,908	35	NS	NS	1540	GETS shutdown periodically between 5/4/21 and 5/7/21 due to a faulty low level float sensor in system's mixing tank. Float was replaced on 5/7/21 and system was restarted on 5/7/21.
5/13/2021	326,500	110,236,058	57,526	40	NS	NS	1550	
5/20/2021	404,663	110,640,721	57,507	40	NS	NS	1550	
5/26/2021	359,625	111,000,346	57,489	40	NS	NS	1550	
6/2/2021	395,771	111,396,117	57,509	40	1073	9.9	1560	
6/3/2021	57,123	111,453,240	57,482	40	NS	NS	1560	
6/8/2021	283,116	111,736,356	57,485	40	NS	NS	1560	
6/16/2021	456,680	112,193,036	57,479	40	NS	NS	1560	
6/17/2021	58,057	112,251,093	57,458	40	NS	NS	1560	
6/22/2021	288,842	112,539,935	57,489	40	NS	NS	1570	

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

Footnotes:

⁽¹⁾ The total gallons treated and VOCs removed by the GETS prior to 2021 are included in the 2020 Annual Report and reports referenced therein (TRC, June, 2021).

⁽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 2021 are included in Attachment 4 of the January to June 2021 Semi-annual Report (TRC, July 2021).

⁽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 temporarily shutdown on October 25, 2018 for evaluation purposes. Based on the shutdown, the GETS operation flow rate was adjusted to 40 GPM.

Updated By: B. Wachholz 7/6/2021

Checked By: R. Adamec 7/21/2021

Table 2: GETS WPDES Compliance Sample Results - January - June 2021
Madison-Kipp Corporation
201 Waubesa Street, Madison, Wisconsin

Parameter ⁽³⁾	Permit Discharge Limits	Unit	Location Sample Date							
			Influent 1/13/2021	Effluent 1/13/2021	Influent 3/3/2021 & 3/8/2021	Effluent 3/3/2021 & 3/8/2021	Influent 4/29/2021	Effluent 4/29/2021	Influent 6/2/2021	Effluent 6/2/2021
Miscellaneous										
Total Suspended Solids	40	mg/L	<0.95	1.4 J	--	--	1.0 J	<0.95	--	--
VOCs										
1,1,1-Trichloroethane	50	µg/L	--	--	<4.9	<0.24	--	--	<6.1	<0.30
1,1,2,2-Tetrachloroethane	50	µg/L	--	--	<5.5	<0.28	--	--	<7.6	<0.38
1,1,2-Trichloroethane	50	µg/L	--	--	<11.0	<0.55	--	--	<6.9	<0.34
1,1-Dichloroethene	50	µg/L	--	--	<4.9	<0.24	--	--	<11.6	<0.58
1,2-Dichloroethane	180	µg/L	--	--	<5.6	<0.28	--	--	<5.8	<0.29
Benzene	50	µg/L	--	--	<4.9	<0.25	--	--	<5.9	<0.30
Bromodichloromethane	120	µg/L	--	--	<7.3	<0.36	--	--	<8.3	<0.42
Bromoform	120	µg/L	--	--	<79.4	<4.0	--	--	<76.0	<3.8
Bromomethane	NE	µg/L	--	--	<19.4	<0.97	--	--	<23.8	<1.2
Carbon Tetrachloride	150	µg/L	--	--	<21.5	<1.1	--	--	<7.4	<0.37
cis-1,2-Dichloroethene	NE	µg/L	--	--	--	--	--	--	--	--
Chloromethane	NE	µg/L	--	--	<43.8	<2.2	--	--	<32.7	<1.6
Ethylbenzene	NE	µg/L	--	--	<6.4	<0.32	--	--	<6.5	<0.33
Tetrachloroethene	50	µg/L	--	--	1140	9.5	--	--	971	8.2
Toluene	NE	µg/L	--	--	<5.4	<0.27	--	--	<5.8	<0.29
Total Xylenes	NE	µg/L	--	--	<30.0	<1.5	--	--	<21.0	<1.0
trans-1,2-Dichloroethene	NE	µg/L	--	--	--	--	--	--	--	--
Trichloroethene	50	µg/L	--	--	124	2.2	--	--	102	1.7
Vinyl Chloride	10	µg/L	--	--	<3.5	<0.17	--	--	<3.5	<0.17
Total BTEX ⁽¹⁾	750	µg/L	--	--	<30.0	<1.5	--	--	<21.0	<1.0
Total VOCs (includes BTEX)	NE	µg/L	--	--	1264	11.7	--	--	1073	9.9
PAHs										
Benzo(a)anthracene	NE	µg/L	--	--	<0.0070	<0.0072	--	--	<0.0073	<0.0069
Benzo(a)pyrene	0.1	µg/L	--	--	<0.0098	<0.010	--	--	<0.010	<0.0097
Benzo(b)fluoranthene	NE	µg/L	--	--	<0.0053	<0.0055	--	--	<0.0056	0.0060 J
Benzo(g,h,i)perylene	NE	µg/L	--	--	<0.0063	<0.0065	--	--	<0.0066	0.014 J
Benzo(k)fluoranthene	NE	µg/L	--	--	<0.0070	<0.0072	--	--	<0.0073	0.0080 J
Chrysene	NE	µg/L	--	--	<0.012	<0.012	--	--	<0.013	<0.012
Dibenzo(a,h)anthracene	NE	µg/L	--	--	<0.0093	<0.0095	--	--	0.024 J	0.048
Fluoranthene	NE	µg/L	--	--	<0.0099	<0.010	--	--	<0.010	<0.0098
Indeno(1,2,3-cd)pyrene	NE	µg/L	--	--	<0.016	<0.017	--	--	<0.017	0.034 J
Naphthalene	70	µg/L	--	--	<0.017	<0.017	--	--	<0.018	<0.017
Phenanthrene	NE	µg/L	--	--	<0.013	<0.013	--	--	<0.013	<0.013
Pyrene	NE	µg/L	--	--	<0.0071	0.0086 J	--	--	<0.0074	<0.0070
PAHs Group of 10 Total ⁽²⁾	0.1	µg/L	--	--	<0.016	0.0000086	--	--	0.024	0.05222

Notes:
 < = Less than
 µg/L = Micrograms per liter
 mg/L = Milligrams per liter
 J = Estimated value. Analyte detected at a level less than the reporting limit and greater than or equal to the detection limit.
 NE = Not Established
 -- = Not analyzed
 PAHs = Polynuclear Aromatic Hydrocarbons
 VOCs = Volatile Organic Compounds
 TSS = Total Suspended Solids

Updated by: B. Wachholz 7/7/2021
 Checked by: R. Adamec 7/16/2021

Footnotes:
⁽¹⁾ Total BTEX is the sum of the benzene, toluene, ethylbenzene and xylene concentrations. If all compounds were below their corresponding laboratory detection limits, the highest detection limit of the BTEX compounds was noted.
⁽²⁾ PAH group of 10 (Polynuclear Aromatic Hydrocarbons) include the sum of the following individual compounds: benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene. If all compounds were below their corresponding laboratory detection limits, then the highest detection limit of the PAH group compounds was noted.
⁽³⁾ Following WDNR approval, compliance monitoring parameters and frequency were adjusted in 2019. VOCs and PAHs are monitored on a quarterly basis and TSS is monitored on a periodic basis based on system cleaning.

Table 3: GETS Gas Analytical Data - June 2020 - June 2021

Madison-Kipp Corporation

201 Waubesa Street

Madison, Wisconsin

Sample Date	6/9/2020		12/10/2020		6/16/2021	
Sample Location	Influent ⁽¹⁾	Effluent	Influent	Effluent	Influent	Effluent
Vinyl Chloride	<9.6	6.3	<7.8	5.8	<9.4	6.8
1,1-Dichloroethene	<9.6	<1.2	<7.8	<2.8	<9.4	<0.97
cis-1,2-Dichloroethene	830	240	840	530	720	220
Benzene	<9.6	<1.2	<7.8	<2.8	<9.4	<0.97
Trichloroethene	560	32	400	260	410	24
Toluene	18	<1.2	<7.8	4.0	<9.4	<0.97
Tetrachloroethene	2800	200	2200	480	2600	94
Ethyl Benzene	<9.6	<1.2	<7.8	<2.8	<9.4	<0.97
m,p-Xylene	<9.6	<1.2	<7.8	6.4	<9.4	<0.97
o-Xylene	<9.6	<1.2	<7.8	<2.8	<9.4	<0.97
1,3,5-Trimethylbenzene	<9.6	<1.2	<7.8	<2.8	<9.4	<0.97
1,2,4-Trimethylbenzene	<9.6	<1.2	<7.8	<2.8	<9.4	<0.97

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.

The SVE system was shut down in October 2018 for evaluation purposes. Results summarized between November 2018 and June 2021 are representative of the GETS gas concentrations only.

Bold = Constituent detected above laboratory detection limit.

SVE = Soil vapor extraction

GETS = Groundwater extraction and treatment system

ppbv = parts per billion by volume

VOCs = Volatile Organic Compounds

Updated by: B. Wachholz 7/7/2021

Checked by: R. Adamec 7/16/2021

Table 4: Groundwater Monitoring Plan - 2021
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Well/ Point ID	Bedrock Unit	Screened Interval (ft bgs)	October Gauging	April VOC Sampling	April PCB Sampling	October VOC Sampling	October PCB 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	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		x		x	NA
MW-4D	Upper Lone Rock	65-70	x		x		x	NA
MW-4D2	Lower Lone Rock	91-96	x	x		x		Bladder
MW-5S	Upper Lone Rock	34-44	x		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	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		x		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		x		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	x	x	Peristaltic
MW-29S	Unconsolidated	24-34	x		x		x	Peristaltic
MW-29D	Upper Lone Rock	45-50	x		x		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 - 2021
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin**

Well/ Point ID	Bedrock Unit	Screened Interval (ft bgs)	October Gauging	April VOC Sampling	April PCB Sampling	October VOC Sampling	October PCB 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	10	40	10	

Notes:

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

Table 5: Groundwater Analytical Results Summary - October 2020 and April 2021
 Madison-Kipp Corporation
 Madison, Wisconsin

SCREEN INTERVAL (feet bgs)	PREVENTIVE ACTION LIMIT	ENFORCEMENT STANDARD	MW-27D2 170 - 180 ft 10/14/2020	MW-28 28 - 38 ft 10/19/2020	MW-28 28 - 38 ft 04/19/2021	MW-29S 24 - 34 ft 10/15/2020	MW-29S 24 - 34 ft 04/15/2021	MW-29D 45 - 50 ft 10/15/2020	MW-29D 45 - 50 ft 04/16/2021
VOCs									
1,1,1,2-Tetrachloroethane	7	70	< 0.27	< 2.7	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	40	200	< 0.24	< 2.4	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	0.5	5	< 0.55	< 5.5	NA	NA	NA	NA	NA
1,1-Dichloroethene	0.7	7	< 0.24	< 2.4	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	96	480	< 0.84	< 8.4	NA	NA	NA	NA	NA
1,2-Dibromoethane	0.005	0.05	< 0.83	< 8.3	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	60	600	< 0.71	< 7.1	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	5	< 0.28	< 2.8	NA	NA	NA	NA	NA
1,2-Dichloropropane	0.5	5	< 0.28	< 2.8	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	< 2.2	< 22.1	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	14	70	< 0.95	< 9.5	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	96	480	< 0.87	< 8.7	NA	NA	NA	NA	NA
2-Butanone	800	4000	< 2.9	< 29.4	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	< 5.2	< 52.1	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	50	500	< 4.6	< 46.4	NA	NA	NA	NA	NA
Acetone	1800	9000	< 2.7	< 27.4	NA	NA	NA	NA	NA
Benzene	0.5	5	< 0.25	< 2.5	NA	NA	NA	NA	NA
Bromodichloromethane	0.06	0.6	< 0.36	< 3.6	NA	NA	NA	NA	NA
Bromoform	0.44	4.4	< 4.0	< 39.7	NA	NA	NA	NA	NA
Bromomethane	1	10	< 0.97	< 9.7	NA	NA	NA	NA	NA
Carbon disulfide	200	1000	< 0.45	< 4.5	NA	NA	NA	NA	NA
Carbon tetrachloride	0.5	5	< 1.1	< 10.8	NA	NA	NA	NA	NA
Chloroform	0.6	6	< 1.3	< 12.7	NA	NA	NA	NA	NA
Chloromethane	3	30	< 2.2	< 21.9	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	7	70	7.1	< 2.7	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200	1000	< 0.50	< 5.0	NA	NA	NA	NA	NA
Ethylbenzene	140	700	< 0.32	< 3.2	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	< 1.7	< 16.9	NA	NA	NA	NA	NA
m,p-Xylene	400	2000	< 0.47	< 4.7	NA	NA	NA	NA	NA
Methyl tert-butyl ether	12	60	< 1.2	< 12.5	NA	NA	NA	NA	NA
Methylene chloride	0.5	5	< 0.58	< 5.8	NA	NA	NA	NA	NA
Naphthalene	10	100	< 1.2	< 11.8	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NE	< 0.71	< 7.1	NA	NA	NA	NA	NA
n-Hexane	120	600	< 1.7	< 17.1	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	< 0.81	< 8.1	NA	NA	NA	NA	NA
o-Xylene	400	2000	< 0.26	< 2.6	NA	NA	NA	NA	NA
p-Isopropyltoluene	NE	NE	< 0.80	< 8.0	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	< 0.85	< 8.5	NA	NA	NA	NA	NA
Styrene	10	100	< 3.0	< 30.1	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	< 0.30	< 3.0	NA	NA	NA	NA	NA
Tetrachloroethene	0.5	5	16.9	827	NA	NA	NA	NA	NA
Toluene	160	800	< 0.27	< 2.7	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	20	100	< 0.46	< 4.6	NA	NA	NA	NA	NA
Trichloroethene	0.5	5	18.7	< 2.6	NA	NA	NA	NA	NA
Trichlorofluoromethane	698	3490	< 0.21	< 2.1	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.2	< 0.17	< 1.7	NA	NA	NA	NA	NA
Xylenes, Total	400	2000	< 1.5	< 15.0	NA	NA	NA	NA	NA
Total PCBs									
Aroclor-1016	0.003	0.03	NA	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072	< 0.0072
Aroclor-1232	0.003	0.03	NA	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042	< 0.0042
Aroclor-1242	0.003	0.03	NA	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Aroclor-1248	0.003	0.03	NA	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011
Total Detected PCBs	0.003	0.03	NA	ND	ND	ND	ND	ND	ND
Dissolved PCBs									
Aroclor-1016	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.0072
Aroclor-1232	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.0042
Aroclor-1242	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.013
Aroclor-1248	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.011
Total Detected PCBs	0.003	0.03	NA	NA	NA	NA	NA	NA	< 0.026
Solids									
Total Dissolved Solids (mg/L)	NE	NE	NA	1230	1540	706	1440	824	1200
Total Suspended Solids (TSS) (mg/L)	NE	NE	NA	4.4	1.6 J	2.2	2.4	1.6 J	3.4

Notes on Page 6.

Table 5: Groundwater Analytical Results Summary - October 2020 and April 2021
Madison-Kipp Corporation
Madison, Wisconsin

Updated By: P. Popp 06/07/2021
Checked By: L. Auner 06/08/2021

- 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.

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 2021

**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)	Date	Depth to Water (feet btoc)	Groundwater Elevation (feet amsl)
MW-01	Unconsolidated	14-24	861.71	861.08	4/12/2021	12.67	848.41
MW-02D	Upper Lone Rock	39-44	866.50	868.74	4/12/2021	22.07	846.67
MW-02S	Unconsolidated	19-29	866.34	868.94	4/12/2021	22.07	846.87
MW-03D	Upper Lone Rock	48-53	867.68	867.25	4/12/2021	21.52	845.73
MW-03D2	Lower Lone Rock	76-81	867.58	867.39	4/12/2021	22.88	844.51
MW-03D3	Lower Wonewoc/Upper Eau Claire	214-224	867.61	867.35	4/12/2021	23.07	844.28
MW-03S	Unconsolidated	19-29	867.87	867.41	4/12/2021	20.91	846.50
MW-04D	Lower Lone Rock	65-70	881.18	880.38	4/12/2021	33.62	846.76
MW-04D2	Lower Lone Rock	91-96	880.36	880.20	4/12/2021	33.70	846.50
MW-04S	Unconsolidated/ Upper Lone Rock	35-50	880.81	880.31	4/12/2021	32.10	848.21
MW-05D	Lower Lone Rock	75-80	872.58	872.10	4/12/2021	26.18	845.92
MW-05D2	Lower Wonewoc	165.8-170.8	872.59	872.20	4/12/2021	27.78	844.42
MW-05D3	Lower Wonewoc/Upper Eau Claire	225-235	872.34	871.89	4/12/2021	27.33	844.56
MW-05S	Upper Lone Rock	34-44	872.56	872.14	4/12/2021	25.81	846.33
MW-06D	Lower Lone Rock	65.5-70.5	877.11	876.69	4/12/2021	30.41	846.28
MW-06S	Unconsolidated/ Upper Lone Rock	31.4-41.4	877.20	876.69	4/12/2021	29.78	846.91
MW-07	Unconsolidated	25-35	870.91	870.42	4/12/2021	23.93	846.49
MW-08	Unconsolidated	24-34	867.69	866.78	4/12/2021	20.16	846.62
MW-09D	Upper Lone Rock	44-49	855.80	855.47	4/12/2021	9.11	846.36
MW-09D2	Lower Lone Rock	64-69	855.89	855.48	4/12/2021	9.29	846.19
MW-10S	Unconsolidated	11-21	864.88	864.42	4/12/2021	17.21	847.21
MW-11S	Unconsolidated	24-34	874.10	873.47	4/12/2021	27.05	846.42
MW-12S	Unconsolidated	3-13	859.78	859.41	4/12/2021	3.19	856.22
MW-17	Upper Wonewoc	160-170	877.26	876.65	4/12/2021	32.08	844.57
MW-18S	Unconsolidated	20-30	867.89	867.24	4/12/2021	20.55	846.69
MW-19D	Lower Lone Rock	60-90	867.44	866.75	4/12/2021	22.08	844.67
MW-19D2	Upper Wonewoc	110-140	867.44	866.71	4/12/2021	23.00	843.71
MW-20D	Lower Lone Rock	60-90	867.36	866.96	4/12/2021	21.99	844.97
MW-20D2	Lower Lone Rock	110-140	867.36	867.04	4/12/2021	23.22	843.82
MW-21D	Lower Lone Rock	60-90	867.77	867.49	4/12/2021	22.21	845.28
MW-21D2	Upper Wonewoc	110-170	867.77	867.46		Abandoned	
MW-24	Upper Lone Rock	30-40	876.66	876.41	4/12/2021	29.56	846.85

Table 6: Groundwater Elevations Summary - April 2021

**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)	Date	Depth to Water (feet btoc)	Groundwater Elevation (feet amsl)
MW-25D	Upper Wonewoc	120-130	886.97	886.69	4/12/2021	42.31	844.38
MW-25D2	Upper Wonewoc	160-170	886.97	886.68	4/12/2021	42.36	844.32
MW-26S	Unconsolidated	6.85-16.85	857.51	856.61	4/12/2021	7.64	848.97
MW-27D	Lower Wonewoc	130-140	862.96	862.65	4/12/2021	16.91	845.74
MW-27D2	Lower Wonewoc	170-180	862.96	862.59	4/12/2021	16.91	845.68
MW-28	Lower Lone Rock	28-38	874.30	874.05	4/12/2021	27.50	846.55
MW-29D	Upper Lone Rock	45-50	875.86	877.61	4/12/2021	30.90	846.71
MW-29S	Unconsolidated	24-34	875.97	877.80	4/12/2021	29.19	848.61
MP-13	Upper Lone Rock	44-48	864.49	863.99	4/12/2021	17.57	846.42
MP-13	Lower Lone Rock	67-71	864.49	863.99	4/12/2021	19.11	844.88
MP-13	Lower Lone Rock	81-85	864.49	863.99	4/12/2021	19.64	844.35
MP-13	Upper Wonewoc	102-106	864.49	863.99	4/12/2021	19.72	844.27
MP-13	Upper Wonewoc	121-125	864.49	863.99	4/12/2021	19.78	844.21
MP-13	Lower Wonewoc	135-139	864.49	863.99	4/12/2021	19.78	844.21
MP-13	Lower Wonewoc	163-167	864.49	863.99	4/12/2021	19.54	844.45
MP-14	Lower Lone Rock	70-75	866.88	867.28	4/12/2021	19.40	847.88
MP-14	Upper Wonewoc	100-105	866.88	867.28	4/12/2021	21.25	846.03
MP-14	Lower Wonewoc	135-140	866.88	867.28	4/12/2021	21.56	845.72
MP-14	Lower Wonewoc	170-178	866.88	867.28	4/12/2021	21.77	845.51
MP-15	Upper Wonewoc	88-92	855.98	855.50	4/12/2021	9.80	845.70
MP-15	Upper Wonewoc	100-105	855.98	855.50	4/12/2021	9.70	845.80
MP-15	Lower Wonewoc	120-125	855.98	855.50	4/12/2021	9.72	845.78
MP-15	Lower Wonewoc	142-146	855.98	855.50	4/12/2021	9.87	845.63
MP-15	Lower Wonewoc	177-187	855.98	855.50	4/12/2021	9.93	845.57
MP-16	Lower Lone Rock	80-84	870.68	870.17	4/12/2021	24.01	846.16
MP-16	Upper Wonewoc	106-116	870.68	870.17	4/12/2021	25.10	845.07
MP-16	Lower Wonewoc	140-144	870.68	870.17	4/12/2021	25.21	844.96
MP-16	Lower Wonewoc	175-179	870.68	870.17	4/12/2021	25.40	844.77

Updated By: B. Wachholz 7/19/2021

Checked By: A. Stehn 7/20/2021

**Table 7: Storm Sewer System Sampling Analytical Results Summary
Madison-Kipp Corporation
201 Waubesa Street, Madison, Wisconsin**

Parameter	Unit ⁽²⁾	NR 720 RCL Industrial Direct Contact ⁽¹⁾	MH-1A													
			12/28/2016	6/30/2017	9/22/2017	10/6/2017	10/17/2017	2/21/2018	5/10/2018	8/23/2018	10/8/2018	5/30/2019	10/8/2019	6/9/2020	10/13/2020	5/7/2021
Sample Date	--	--	12/28/2016	6/30/2017	9/22/2017	10/6/2017	10/17/2017	2/21/2018	5/10/2018	8/23/2018	10/8/2018	5/30/2019	10/8/2019	6/9/2020	10/13/2020	5/7/2021
Matrix	--	--	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
PCB-1016	mg/kg	28	<0.011	<0.0092	<0.0089	<0.0097	<0.010	<0.0094	<0.0083	<0.0053	<0.0058	<0.0058	<0.0059	<0.0059	<0.0055	<0.190
PCB-1221	mg/kg	0.883	<0.0059	<0.0051	<0.0049	<0.0054	<0.0057	<0.0052	<0.0046	<0.0076	<0.0084	<0.0083	<0.0084	<0.0085	<0.0079	<0.190
PCB-1232	mg/kg	0.792	<0.0040	<0.0035	<0.0034	<0.0037	<0.0039	<0.0036	<0.0031	<0.0050	<0.0056	<0.0055	<0.0056	<0.0056	<0.0053	<0.190
PCB-1242	mg/kg	0.972	<0.0063	<0.0055	<0.0053	<0.0058	<0.0061	<0.0056	<0.0049	<0.010	<0.011	<0.011	<0.012	<0.012	<0.011	<0.190
PCB-1248	mg/kg	0.975	3.6	2.2	0.11	0.23	0.71	0.33	0.15	0.14	0.16	0.24	0.11 J	0.14	0.17	0.261 J
PCB-1254	mg/kg	0.988	<0.0063	<0.0055	<0.0053	<0.0058	<0.0061	<0.0056	<0.0049	<0.0084	<0.0093	<0.0092	<0.0093	<0.0094	<0.0088	<0.190
PCB-1260	mg/kg	1	<0.0034	<0.003	<0.0029	<0.0031	<0.0033	<0.0031	<0.0027	<0.0081	<0.0090	<0.0089	<0.0091	<0.0091	<0.0085	<0.190
Total PCBs	mg/kg	0.967	3.6	2.2	0.11	0.23	0.71	0.33	0.15	0.14	0.16	0.24	0.11 J	0.14	0.17	0.261 J

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

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 7: Storm Sewer System Sampling Analytical Results Summary
Madison-Kipp Corporation
201 Waubesa Street, Madison, Wisconsin**

Parameter	Unit ⁽²⁾	NR 720 RCL Industrial Direct Contact ⁽¹⁾	Outfall Sample ⁽³⁾												RG-1 ⁽⁴⁾	RG-2 ⁽⁵⁾
			12/19/2016	6/30/2017	9/22/2017	5/10/2018	8/23/2018	10/8/2018	5/30/2019	10/8/2019	6/9/2020	10/13/2020	5/7/2021	6/2/2021		
Sample Date	--	--	12/19/2016	6/30/2017	9/22/2017	5/10/2018	8/23/2018	10/8/2018	5/30/2019	10/8/2019	6/9/2020	10/13/2020	5/7/2021	6/2/2021	6/2/2021	6/2/2021
Matrix	--	--	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
PCB-1016	mg/kg	28	<0.0095	<0.0086	<0.011	<0.0099	<0.0061	<0.0067	<0.0080	<0.0059	<0.0061	<0.0064	<0.270	<0.219	<0.197	<0.228
PCB-1221	mg/kg	0.883	<0.0053	<0.0048	<0.0061	<0.0055	<0.0088	<0.0096	<0.011	<0.0085	<0.0087	<0.0092	<0.270	<0.219	<0.197	<0.228
PCB-1232	mg/kg	0.792	<0.0036	<0.0032	<0.0042	<0.0038	<0.0059	<0.0064	<0.0076	<0.0057	<0.0058	<0.0061	<0.270	<0.219	<0.197	<0.228
PCB-1242	mg/kg	0.972	<0.0057	<0.0051	<0.0066	<0.0059	<0.012	<0.013	<0.016	<0.012	<0.012	<0.013	<0.270	0.256 J	0.440 J	<0.228
PCB-1248	mg/kg	0.975	9.2	5.0	4.0	1.9	0.32	0.57	0.43	0.33	0.33	0.28	1.030	<0.219	<0.197	<0.228
PCB-1254	mg/kg	0.988	<0.0057	<0.0051	<0.0066	<0.0059	<0.0097	<0.011	<0.013	<0.0094	0.16	<0.010	<0.270	<0.219	<0.197	<0.228
PCB-1260	mg/kg	1	0.37	<0.0028	<0.0036	<0.0032	<0.0095	<0.010	<0.012	<0.0091	<0.0094	<0.0099	<0.270	<0.219	<0.197	<0.228
Total PCBs	mg/kg	0.967	9.6	5.0	4.0	1.9	0.32	0.57	0.43	0.33	0.50	0.28	1.030	0.256 J	0.440 J	<0.228

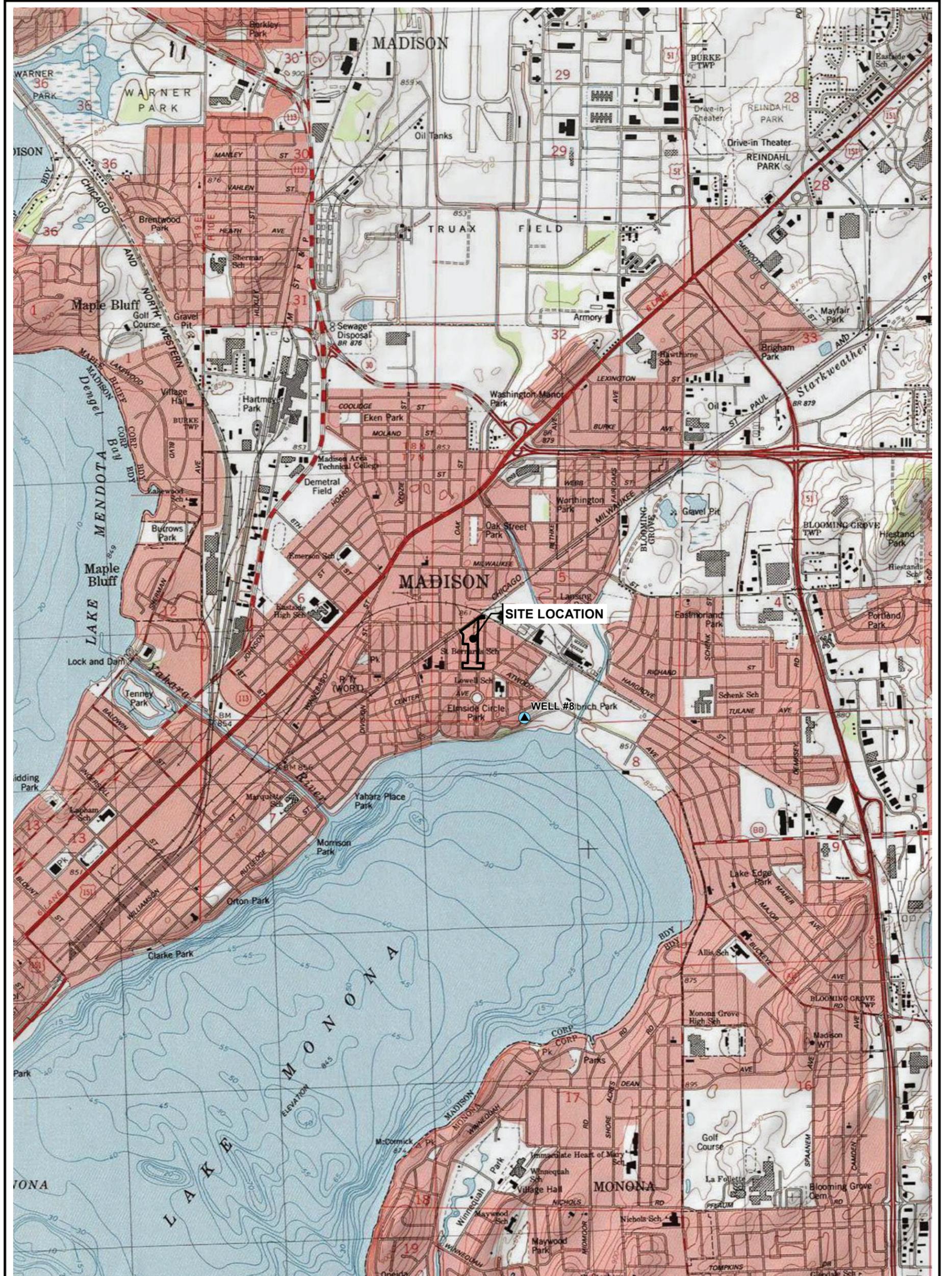
Notes:

- < = 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: A. Stehn, 6/8/2021
Checked by: S. Sellwood, 6/9/2021

Footnotes:

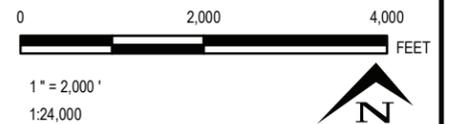
- ⁽¹⁾ The total PCBs and specific aroclors are compared to the WDNR industrial direct contact residual contaminant levels (December 2018).
- ⁽²⁾ Samples are reported in mg/kg unless otherwise noted.
- ⁽³⁾ Sample collected from within the Outfall pipe entering the rain garden. If no sediment was present 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".



LEGEND

-  SITE PROPERTY BOUNDARY
-  MUNICIPAL SUPPLY WELL

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

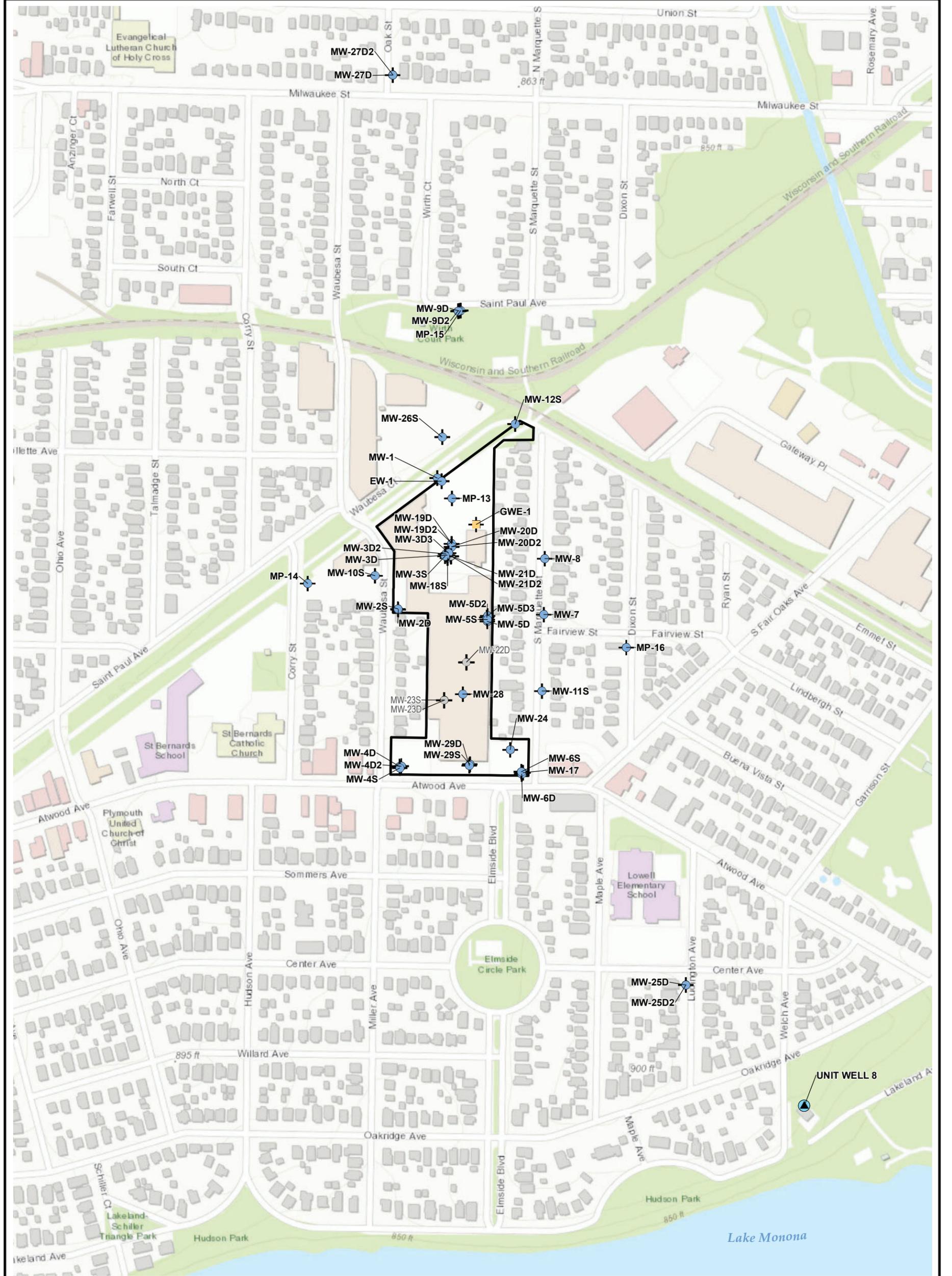



708 Heartland Trail
 Suite 3000
 Madison, WI 53717
 Phone: 608.826.3600

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

DRAWN BY:	R. SUEMNICHT
CHECKED BY:	A. STEHN
APPROVED BY:	K. VATER
DATE:	JULY 2021
PROJ. NO.:	419610
FILE:	419610-017.mxd

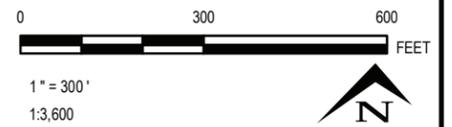
FIGURE 1



LEGEND

- SITE PROPERTY BOUNDARY
- MUNICIPAL SUPPLY WELL
- + GROUNDWATER EXTRACTION WELL
- + ABANDONED MONITORING WELL
- + MONITORING WELL

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



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

TITLE: **WELL LOCATIONS MAP**

DRAWN BY:	R. SUEMNICHT
CHECKED BY:	A. STEHN
APPROVED BY:	K. VATER
DATE:	JULY 2021
PROJ. NO.:	419610
FILE:	419610-018.mxd

FIGURE 2



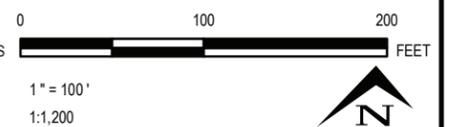
LEGEND

- 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 ESRI/DIGITAL GLOBE, 2018.
2. PARCEL INFORMATION FROM WISCONSIN STATE CARTOGRAPHER'S OFFICE, 2018

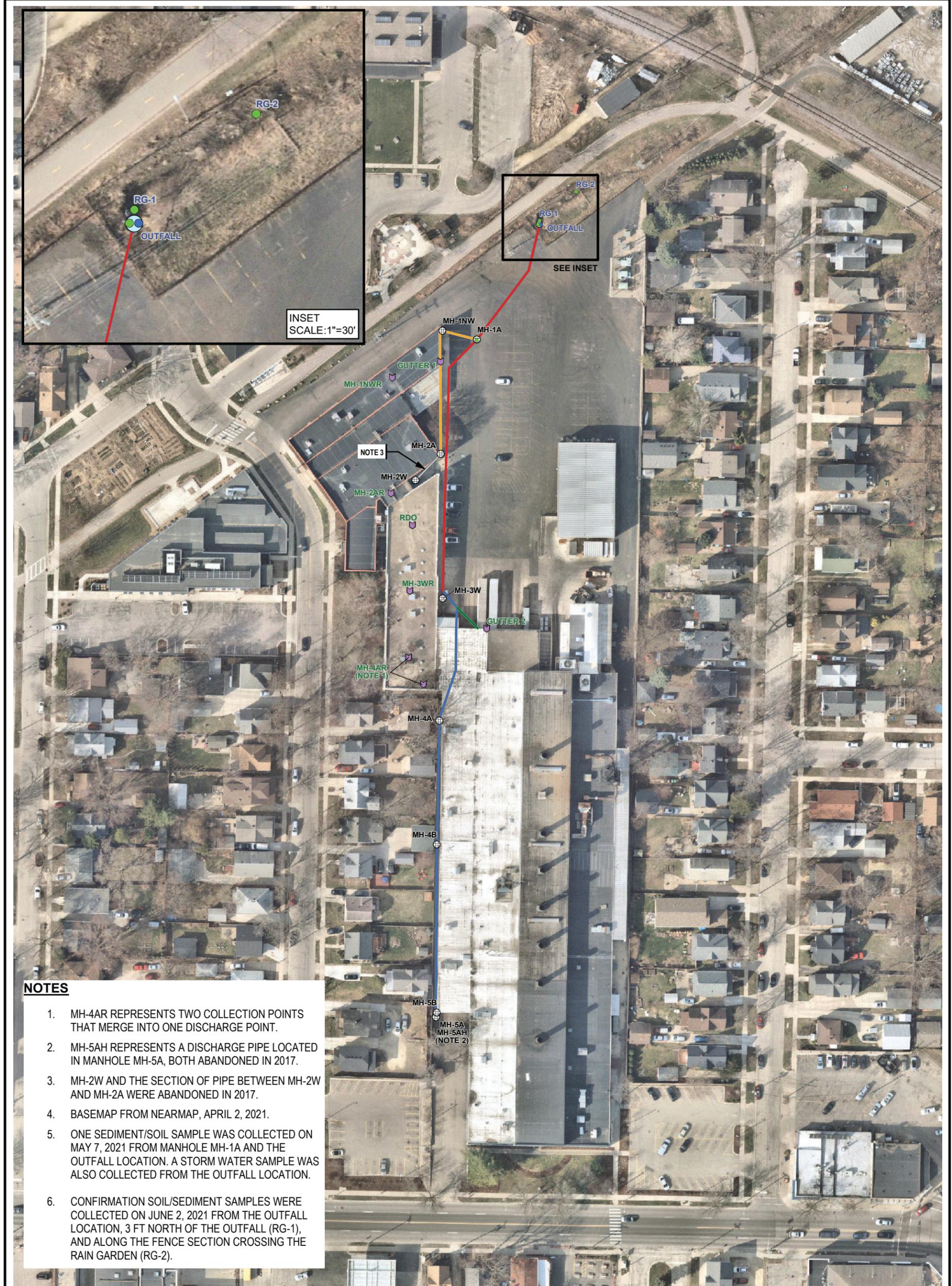


PROJECT: **MADISON-KIPP CORPORATION**
201 WAUBESA STREET
MADISON, WISCONSIN

TITLE: **SOIL VAPOR EXTRACTION WELL AND**
VAPOR MONITORING POINT LOCATION MAP

DRAWN BY:	R. SUEMNICHT
CHECKED BY:	A. STEHN
APPROVED BY:	K. VATER
DATE:	JULY 2021
PROJ. NO.:	419610
FILE:	419610-019.mxd

FIGURE 3

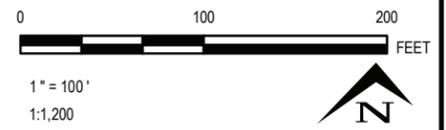


NOTES

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.
5. ONE SEDIMENT/SOIL SAMPLE WAS COLLECTED ON MAY 7, 2021 FROM MANHOLE MH-1A AND THE OUTFALL LOCATION. A STORM WATER SAMPLE WAS ALSO COLLECTED FROM THE OUTFALL LOCATION.
6. CONFIRMATION SOIL/SEDIMENT SAMPLES WERE COLLECTED ON JUNE 2, 2021 FROM THE OUTFALL LOCATION, 3 FT NORTH OF THE OUTFALL (RG-1), AND ALONG THE FENCE SECTION CROSSING THE RAIN GARDEN (RG-2).

LEGEND

- | | | |
|------------------------|------------------|--|
| SITE PROPERTY BOUNDARY | S-1 PIPE SECTION | S-3-ABANDONED (NOTE 3) |
| ROOF DRAIN INLET | S-2 PIPE SECTION | 2021 SEDIMENT/SOIL SAMPLE LOCATION (APPROXIMATE) |
| MANHOLE/CATCH BASIN | S-3 PIPE SECTION | 2021 STORMWATER SAMPLE LOCATION (APPROXIMATE) |
| OUTFALL | S-4 PIPE SECTION | |



PROJECT:

MADISON-KIPP CORPORATION
 201 WAUBESA STREET
 MADISON, WISCONSIN

TITLE:

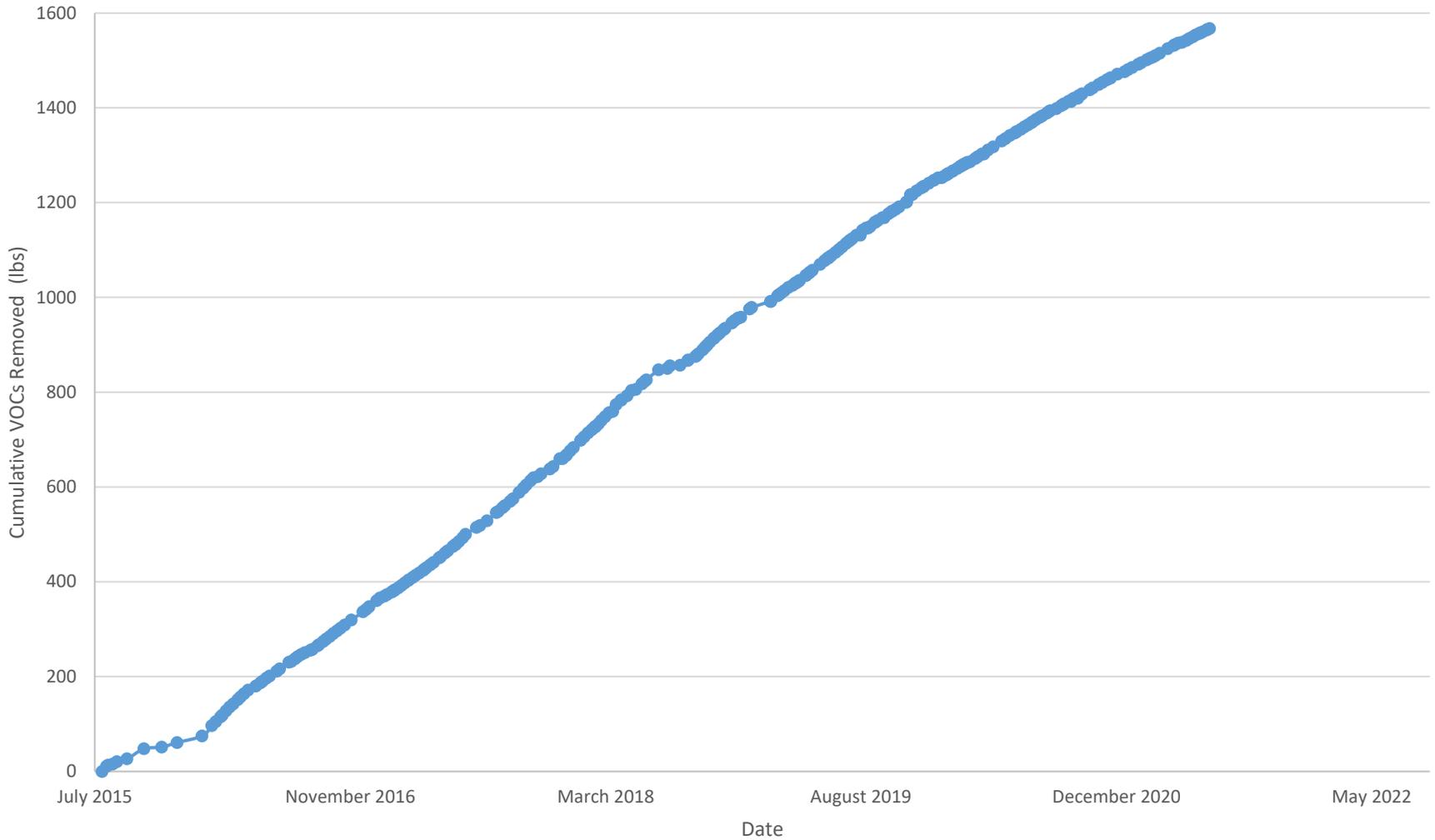
**RAIN GARDEN SITE MAP AND
 STORM SEWER INFRASTRUCTURE**

DRAWN BY:	R. SUEMNICHT
CHECKED BY:	A. STEHN
APPROVED BY:	K. VATER
DATE:	JULY 2021
PROJ. NO.:	419610
FILE:	419610-021.mxd

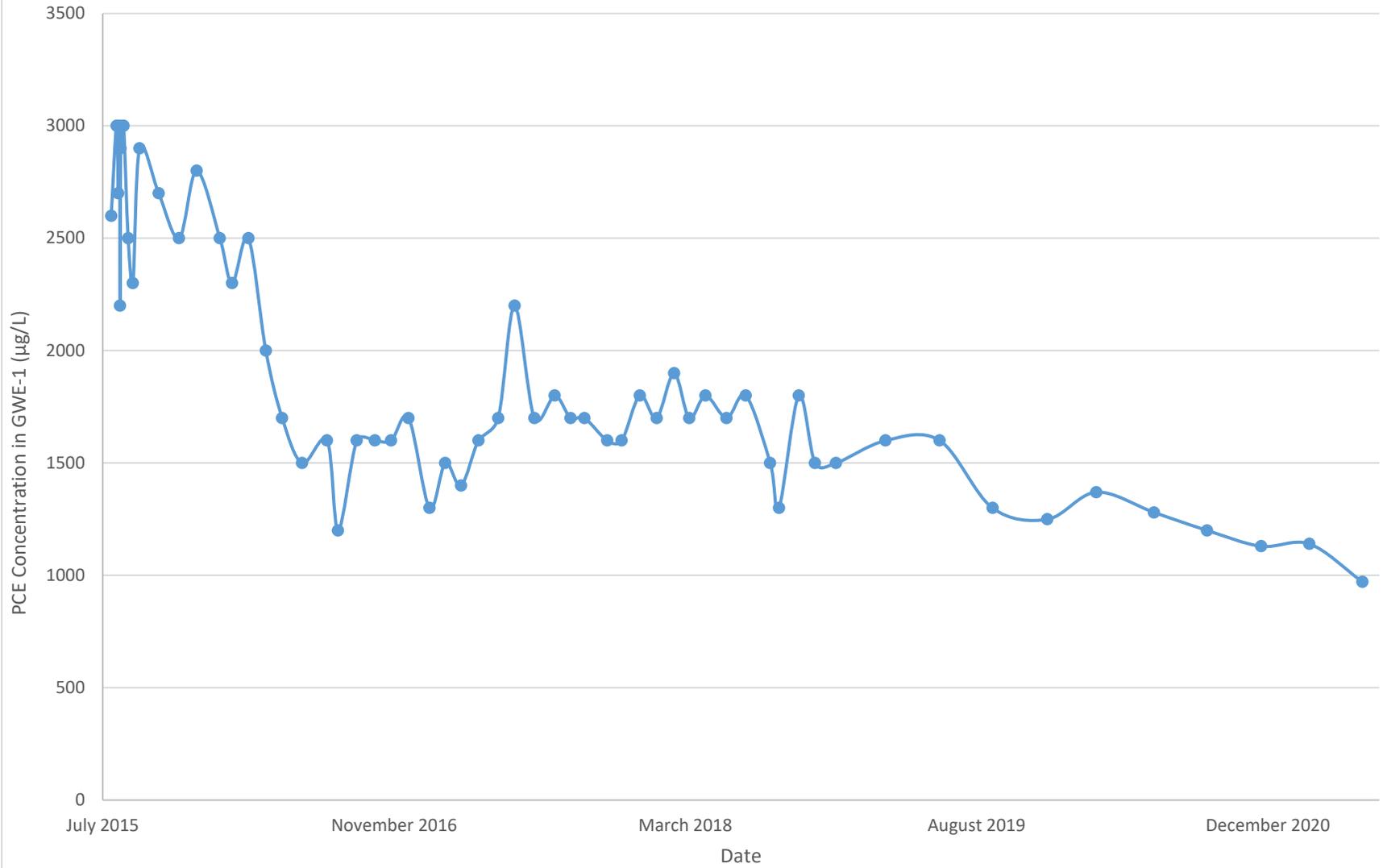
FIGURE 4

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.2
PCE Concentration in GWE-1
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:

1. Long-term monitoring results submitted in accordance with Wis. Admin. Code § NR 724.17(3) are required to be submitted within 10 business days of receiving sampling results and are not required to be submitted using this form. However, portions of this form require monitoring data summary information that may be based on information previously submitted in accordance with that section of code.
2. Responsible parties should check with the department Project Manager assigned to the site to determine if this form is required to be submitted at sites responded to under the Federal Comprehensive Environmental Response and Compensation Act (commonly known as Superfund) or an equivalent state-lead response.
3. Responsible parties should check with the department Project Manager assigned to the site to determine if any of the information required in this form may be omitted or changed and should obtain prior written approval for any omissions or changes.
4. Responsible parties are required to report separately on a semi-annual basis under Wis. Admin. Code § NR 700.11(1). Reporting under that provision is through an internet-based form. More information can be found at: <http://dnr.wi.gov/topic/Brownfields/documents/regs/NR700progreport.pdf>.
5. Personally identifiable information on this form is not intended to be used for any other purpose than tracking progress of the remediation by Remediation and Redevelopment Program. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open 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: 01/01/2021 To: 06/30/2021 Days in period: 181

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

5. Site location

Region	County	Address					
South Central Region	Dane	201 Waubesa Street					

Municipality name <input checked="" type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village	Township	Range	<input checked="" type="radio"/> E <input type="radio"/> W	Section	¼	¼ ¼
Madison	07 N	10		5	SW	NW

6. Responsible party	7. Consultant		
Name	<input type="checkbox"/> Select if the following information has changed since the last submittal		
Mailing address	Company name		
201 Waubesa Street, Madison, WI 53704	TRC		
Phone number	Mailing address	Phone number	
(608) 242-5207	708 Heartland Trail Suite 3000 Madison, WI 53717	(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: 01/01/2021

To: 06/30/2021

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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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 City Town Village

Township

Range

E

Section

1/4

1/4

1/4

N

W

B. Remediation Method

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

- Groundwater extraction (submit a completed Section GW-1).
- Free product recovery (submit a completed Section GW-1).
- In situ air sparging (submit a completed Section GW-2).
- Groundwater natural attenuation (submit a completed Section GW-3).
- Other groundwater remediation method (submit a completed Section GW-4).
- Soil venting (including soil vapor extraction building venting and bioventing submit a completed Section IS-1).
- Soil natural attenuation (submit a completed Section IS-2).
- Other in situ soil remediation method (submit a completed Section IS-3).
- Biopiles (submit a completed Section ES-1).
- 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).

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 temporarily shutdown in October 2018, and soil gas is being monitored at the site. The GETS system pump rate was adjusted to 40 gpm during the SVE shutdown period. Once the evaluation is complete the GETS will be adjusted to allow for the system to run at 45 gpm.

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 currently being evaluated for continued operation. The system as approved by the WDNR was temporarily shutdown in October 2018.

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2021

To: 06/30/2021

Days in period: 181

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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	Title
Andrew Stehn	Project Engineer
Signature	Date
	7/29/21

Hydrogeologists:

I hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(1), 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

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: 01/01/2021 Days

To: 06/30/2021

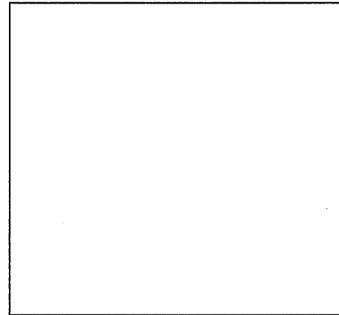
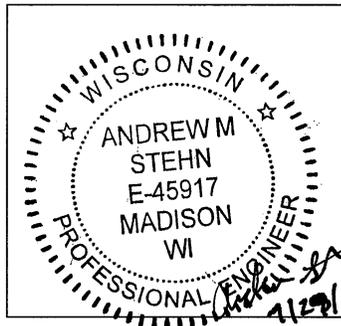
in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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Professional Seal(s), if applicable:



Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2021

To: 06/30/2021

Days in period: 181

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

A. Groundwater Extraction System Operation:

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

2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):
168

3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:
93%

4. Quantity of groundwater extracted during this time period: 9,655,444 gallons

5. Average groundwater extraction rate: 40 gpm

6. Quantity of dissolved phase contaminants removed during this time period in pounds: 97 lbs

B. Free Product Recovery System Operation

1. Is free product (nonaqueous phase liquid) being recovered at this site? Yes No

If yes, explain:

2. Quantity of free product extracted during this time period (enter none if none): _____ gallons

3. Average free product extraction rate: _____ gpm

C. System Effectiveness Evaluation

1. Is a contaminated groundwater plume fully contained in the capture zone? Yes No

If no, explain:

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

If no, explain:

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

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

a. Contaminant: Tetrachloroethene

b. Percent reduction necessary to reach ch. NR 140 ES and PAL: 99 %

c. Maximum contaminant concentration level in any monitoring well of that contaminant: 1,780 (April,2021) µg/L

d. Maximum contaminant concentration level in any extraction well of that contaminant: 1,140 (March 2021) µg/L

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2021

To: 06/30/2021

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 07/19)

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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.

Not applicable

D. Additional Attachments

Attach the following to this form:

- Most recent report to the DNR Wastewater Program, if applicable.
- Groundwater contour map with capture zone indicated.
- Groundwater contaminant distribution map (may be combined with contour map).
- Graph of cumulative contaminant removal, if both free product recovery and ground water extraction are used, provide separate graphs.(Attachment 1 - Trend Plot A.1)
- Time versus groundwater contaminant concentration graphs for the contaminant listed in C.4.a. (above), as follows:
 - Graph of contaminant concentrations versus time for each extraction well in use during the period. (Attachment 1 - Trend Plot A.2)
 - Graph of contaminant concentrations versus time for the monitoring well with the greatest level of contamination. (Attachment 1- Trend Plot A.3)
- Groundwater contaminant chemistry table. (See Table 5 and Attachment 6)
- Groundwater elevations table. (See Table 6)
- System operational data table. (Table 1)

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2021

To: 06/30/2021

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 07/19)

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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.

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: 01/01/2021

To: 06/30/2021

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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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.

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 temporarily shutdown since 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: 20.50 (April 2021) ft

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 (ppmv) If over 10 ppmv, explain:

iii. If methane is not present above 10 ppmv 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. (See Figure 3)
- If water table monitoring wells are present at the site, a map of well locations. (Figure 2)
- Time versus vapor phase contaminant concentration graph. N/A
- Time versus cumulative contaminant removal graph. N/A
- Groundwater elevations table, if water table wells are present at the site; also list screen lengths and elevations. (Table 6)
- Table of soil contaminant chemistry data. N/A
- Soil gas data, if gas probes are used to monitor subsurface conditions in locations other than where air is extracted. (See Table 17 of the 2019 Annual Report)
- System operational data table. N/A

2019 Annual Report Reference:

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2021

To: 06/30/2021

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 07/19)

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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): _____ µg/kg

b. Specific compounds (µg/kg):

i. Benzene: _____ µg/kg

ii. 1,2 Dichloroethane: _____ µg/kg

iii. Ethylbenzene: _____ µg/kg

iv. Toluene: _____ µg/kg

v. Total xylenes: _____ µg/kg

4. Is there any evidence that contaminants are leaching into groundwater? Yes No

If the answer is yes and if groundwater quality is not being monitored, explain:

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

6. Are there any modifications that can be made to the remediation to improve cost effectiveness? Yes No

If yes, explain:

B. Additional Attachments

Attach the following to this form:

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

Site name: Madison-Kipp Corporation

Reporting period from: 01/01/2021

To: 06/30/2021

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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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.

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: 01/01/2021

To: 06/30/2021

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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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: 01/01/2021

To: 06/30/2021

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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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: 01/01/2021

To: 06/30/2021

Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

Form 4400-194 (R 07/19)

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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 2021 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: 06/01/2021 - 06/30/2021
 Form Due Date: 07/21/2021
 Permit Number: 0046566

Date Received:
 DOC: 470550
 FIN: 7960
 FID: 113125320
 Region: South Central Region
 Permit Drafter: Drafter not set
 Reviewer: David J Haas
 Office: Green Bay

	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	57600	
	2	57600	
	3	57600	
	4	57600	
	5	57600	
	6	57600	
	7	57600	
	8	57600	
	9	57600	
	10	57600	
	11	57600	
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	25	57600	
	26	57600	
	27	57600	
	28	57600	
	29	57600	
	30	57600	
	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	57600			
	Daily Max	57600			
	Daily Min	57600			
Limit(s) in Effect	Daily Max			40	
QA/QC Information	LOD				
	LOQ				
	QC Exceedance	N		N	
	Lab Certification				

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

General Remarks

Laboratory Quality Control Comments

Submitted by astehn on 07/13/2021 10:20:22 PM

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 : 04/01/2021 - 06/30/2021
 Form Due Date : 07/21/2021
 Permit Number : **0046566**

Date Received:	
DOC:	471414
FIN:	7960
FID:	113125320
Region:	South Central Region
Permit Drafter:	Drafter not set
Reviewer:	David J Haas
Office:	Green Bay

Sample Point	Parameter #	Parameter	Date Sample	Sample Type	Sample Results	Units	Limit Type	Limit	LOD	LOQ	QC Exceed?	Lab Certification
001	40	Benzene	06/02/2021	GRAB	<0.30	ug/L	Monthly Avg	50(0)	0.30	1.0	N	405132750
001	54	BETX, Total	06/02/2021	GRAB	<1.0	ug/L	Monthly Avg	750(0)			N	405132750
001	393	PAHs	06/02/2021	GRAB	0.052	ug/L	Monthly Avg	0.10(0)			N	405132750
001	44	Benzo(a)pyrene	06/02/2021	GRAB	<0.0097	ug/L	Monthly Avg	0.10(0)	0.0097	0.048	N	405132750
001	307	Naphthalene	06/02/2021	GRAB	<0.017	ug/L	Monthly Avg	70(0)	0.017	0.084	N	405132750
001	80	Bromoform	06/02/2021	GRAB	<3.8	ug/L	Monthly Avg	120(0)	3.8	5.0	N	405132750
001	93	Carbon tetrachloride	06/02/2021	GRAB	<0.37	ug/L		*****	0.37	1.0	N	405132750
001	118	Chloroform	06/02/2021	GRAB	<1.2	ug/L	Monthly Avg	120(0)	1.2	5.0	N	405132750
001	174	Dichlorobromo- methane (bromo-	06/02/2021	GRAB	<0.42	ug/L	Monthly Avg	120(0)	0.42	1.0	N	405132750
001	570	1,2-Dichloro- ethane	06/02/2021	GRAB	<0.29	ug/L	Monthly Avg	180(0)	0.29	1.0	N	405132750
001	558	1,1-Dichloro- ethylene	06/02/2021	GRAB	<0.58	ug/L	Monthly Avg	50(0)	0.58	1.0	N	405132750
001	82	Methyl bromide	06/02/2021	GRAB	<1.2	ug/L	Monthly Avg	120(0)	1.2	5.0	N	405132750
001	120	Chloromethane	06/02/2021	GRAB	<1.6	ug/L	Monthly Avg	120(0)	1.6	5.0	N	405132750
001	565	1,1,2,2-Tetrachloro- ethane	06/02/2021	GRAB	<0.38	ug/L	Monthly Avg	50(0)	0.38	1.0	N	405132750
001	490	Tetrachloroethylene	06/02/2021	GRAB	8.2	ug/L	Monthly Avg	50(0)	0.41	1.0	N	405132750
001	563	1,1,2-Trichloro- ethane	06/02/2021	GRAB	<0.34	ug/L	Monthly Avg	50(0)	0.34	5.0	N	405132750
001	561	1,1,1-Trichloro- ethane	06/02/2021	GRAB	<0.30	ug/L	Monthly Avg	50(0)	0.30	1.0	N	405132750
001	508	Trichloro- ethylene	06/02/2021	GRAB	1.7	ug/L	Monthly Avg	50(0)	0.32	1.0	N	405132750
001	517	Vinyl chloride	06/02/2021	GRAB	<0.17	ug/L	Monthly Avg	10(0)	0.17	1.0	N	405132750

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 BTEX parameters were reported above the laboratory LOD. The parameter with the highest detection limit was reported.

Multiple Group 10 PAH parameters were detected above the LOD and the noted concentration was calculated using the Toxicity Equivalent Factor as outlined in Appendix C of the WPDES permit.

Laboratory Quality Control Comments

Submitted by astehn on 07/13/2021 10:19:41 PM

Attachment 4

Quarterly GETS Influent and Effluent Groundwater and Vapor Laboratory Analytical Reports

7/1/2021

Mr. Andrew Stehn
TRC Corporation (RMT)
708 Heartland Trail
Suite 3000
Madison WI 53717

Project Name: GETS/SVE

Project #: 419610

Workorder #: 2106451

Dear Mr. Andrew Stehn

The following report includes the data for the above referenced project for sample(s) received on 6/18/2021 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 #: 2106451

Work Order Summary

CLIENT:	Mr. Andrew Stehn TRC Companies, Inc. 708 Heartland Trail Suite 3000 Madison, WI 53717	BILL TO:	Accounts Payable/Windsor TRC Companies, Inc. 21 Griffin Rd North Windsor, CT 06095
PHONE:	608-826-3665	P.O. #	167381
FAX:	608-826-3941	PROJECT #	419610 GETS/SVE
DATE RECEIVED:	06/18/2021	CONTACT:	Jade White
DATE COMPLETED:	07/01/2021		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	Effluent	TO-15	4.0 "Hg	10 psi
02A	Influent	TO-15	3.0 "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: 07/01/21

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP - 209220, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-20-16, UT NELAP – CA009332020-12, VA NELAP - 10615, WA NELAP - C935
 Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005-014, Effective date: 10/18/2020, Expiration date: 10/17/2021.

Eurofins Air Toxics, LLC certifies that the test results contained in this report meet all requirements of the NELAC standards

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# 2106451

Two 1 Liter Summa Canister samples were received on June 18, 2021. 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

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

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#: 2106451-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.97	6.8	2.5	17
cis-1,2-Dichloroethene	0.97	220	3.8	870
Trichloroethene	0.97	24	5.2	130
Tetrachloroethene	0.97	94	6.6	640

Client Sample ID: Influent

Lab ID#: 2106451-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
cis-1,2-Dichloroethene	9.4	720	37	2900
Trichloroethene	9.4	410	50	2200
Tetrachloroethene	9.4	2600	63	17000



Air Toxics

Client Sample ID: Effluent

Lab ID#: 2106451-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063016	Date of Collection:	6/16/21 9:55:00 AM
Dil. Factor:	1.94	Date of Analysis:	6/30/21 07:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.97	Not Detected	4.8	Not Detected
Freon 114	0.97	Not Detected	6.8	Not Detected
Chloromethane	9.7	Not Detected	20	Not Detected
Vinyl Chloride	0.97	6.8	2.5	17
Bromomethane	9.7	Not Detected	38	Not Detected
Chloroethane	3.9	Not Detected	10	Not Detected
Freon 11	0.97	Not Detected	5.4	Not Detected
Freon 113	0.97	Not Detected	7.4	Not Detected
1,1-Dichloroethene	0.97	Not Detected	3.8	Not Detected
Methylene Chloride	9.7	Not Detected	34	Not Detected
Methyl tert-butyl ether	3.9	Not Detected	14	Not Detected
1,1-Dichloroethane	0.97	Not Detected	3.9	Not Detected
cis-1,2-Dichloroethene	0.97	220	3.8	870
Chloroform	0.97	Not Detected	4.7	Not Detected
1,1,1-Trichloroethane	0.97	Not Detected	5.3	Not Detected
Carbon Tetrachloride	0.97	Not Detected	6.1	Not Detected
Benzene	0.97	Not Detected	3.1	Not Detected
1,2-Dichloroethane	0.97	Not Detected	3.9	Not Detected
Trichloroethene	0.97	24	5.2	130
1,2-Dichloropropane	0.97	Not Detected	4.5	Not Detected
cis-1,3-Dichloropropene	0.97	Not Detected	4.4	Not Detected
Toluene	0.97	Not Detected	3.6	Not Detected
trans-1,3-Dichloropropene	0.97	Not Detected	4.4	Not Detected
1,1,2-Trichloroethane	0.97	Not Detected	5.3	Not Detected
Tetrachloroethene	0.97	94	6.6	640
1,2-Dibromoethane (EDB)	0.97	Not Detected	7.4	Not Detected
Chlorobenzene	0.97	Not Detected	4.5	Not Detected
Ethyl Benzene	0.97	Not Detected	4.2	Not Detected
m,p-Xylene	0.97	Not Detected	4.2	Not Detected
o-Xylene	0.97	Not Detected	4.2	Not Detected
Styrene	0.97	Not Detected	4.1	Not Detected
1,1,2,2-Tetrachloroethane	0.97	Not Detected	6.6	Not Detected
1,3,5-Trimethylbenzene	0.97	Not Detected	4.8	Not Detected
1,2,4-Trimethylbenzene	0.97	Not Detected	4.8	Not Detected
1,3-Dichlorobenzene	0.97	Not Detected	5.8	Not Detected
1,4-Dichlorobenzene	0.97	Not Detected	5.8	Not Detected
alpha-Chlorotoluene	0.97	Not Detected	5.0	Not Detected
1,2-Dichlorobenzene	0.97	Not Detected	5.8	Not Detected
1,2,4-Trichlorobenzene	3.9	Not Detected	29	Not Detected
Hexachlorobutadiene	3.9	Not Detected	41	Not Detected

Container Type: 1 Liter Summa Canister

Client Sample ID: Effluent

Lab ID#: 2106451-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063016	Date of Collection: 6/16/21 9:55:00 AM
Dil. Factor:	1.94	Date of Analysis: 6/30/21 07:32 PM

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	92	70-130



Air Toxics

Client Sample ID: Influent

Lab ID#: 2106451-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063017	Date of Collection:	6/16/21 10:23:00 AM
Dil. Factor:	18.7	Date of Analysis:	6/30/21 07:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	9.4	Not Detected	46	Not Detected
Freon 114	9.4	Not Detected	65	Not Detected
Chloromethane	94	Not Detected	190	Not Detected
Vinyl Chloride	9.4	Not Detected	24	Not Detected
Bromomethane	94	Not Detected	360	Not Detected
Chloroethane	37	Not Detected	99	Not Detected
Freon 11	9.4	Not Detected	52	Not Detected
Freon 113	9.4	Not Detected	72	Not Detected
1,1-Dichloroethene	9.4	Not Detected	37	Not Detected
Methylene Chloride	94	Not Detected	320	Not Detected
Methyl tert-butyl ether	37	Not Detected	130	Not Detected
1,1-Dichloroethane	9.4	Not Detected	38	Not Detected
cis-1,2-Dichloroethene	9.4	720	37	2900
Chloroform	9.4	Not Detected	46	Not Detected
1,1,1-Trichloroethane	9.4	Not Detected	51	Not Detected
Carbon Tetrachloride	9.4	Not Detected	59	Not Detected
Benzene	9.4	Not Detected	30	Not Detected
1,2-Dichloroethane	9.4	Not Detected	38	Not Detected
Trichloroethene	9.4	410	50	2200
1,2-Dichloropropane	9.4	Not Detected	43	Not Detected
cis-1,3-Dichloropropene	9.4	Not Detected	42	Not Detected
Toluene	9.4	Not Detected	35	Not Detected
trans-1,3-Dichloropropene	9.4	Not Detected	42	Not Detected
1,1,2-Trichloroethane	9.4	Not Detected	51	Not Detected
Tetrachloroethene	9.4	2600	63	17000
1,2-Dibromoethane (EDB)	9.4	Not Detected	72	Not Detected
Chlorobenzene	9.4	Not Detected	43	Not Detected
Ethyl Benzene	9.4	Not Detected	40	Not Detected
m,p-Xylene	9.4	Not Detected	41	Not Detected
o-Xylene	9.4	Not Detected	41	Not Detected
Styrene	9.4	Not Detected	40	Not Detected
1,1,2,2-Tetrachloroethane	9.4	Not Detected	64	Not Detected
1,3,5-Trimethylbenzene	9.4	Not Detected	46	Not Detected
1,2,4-Trimethylbenzene	9.4	Not Detected	46	Not Detected
1,3-Dichlorobenzene	9.4	Not Detected	56	Not Detected
1,4-Dichlorobenzene	9.4	Not Detected	56	Not Detected
alpha-Chlorotoluene	9.4	Not Detected	48	Not Detected
1,2-Dichlorobenzene	9.4	Not Detected	56	Not Detected
1,2,4-Trichlorobenzene	37	Not Detected	280	Not Detected
Hexachlorobutadiene	37	Not Detected	400	Not Detected

Container Type: 1 Liter Summa Canister



Air Toxics

Client Sample ID: Influent

Lab ID#: 2106451-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063017	Date of Collection: 6/16/21 10:23:00 AM
Dil. Factor:	18.7	Date of Analysis: 6/30/21 07:59 PM

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	91	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 2106451-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063007a	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	6/30/21 01:23 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	0.50	Not Detected	1.9	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	0.50	Not Detected	2.2	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#: 2106451-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063007a	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/30/21 01:23 PM

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

Client Sample ID: CCV

Lab ID#: 2106451-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063005	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/30/21 11:50 AM

Compound	%Recovery
Freon 12	90
Freon 114	95
Chloromethane	76
Vinyl Chloride	76
Bromomethane	92
Chloroethane	91
Freon 11	91
Freon 113	93
1,1-Dichloroethene	102
Methylene Chloride	84
Methyl tert-butyl ether	108
1,1-Dichloroethane	86
cis-1,2-Dichloroethene	106
Chloroform	87
1,1,1-Trichloroethane	94
Carbon Tetrachloride	94
Benzene	83
1,2-Dichloroethane	76
Trichloroethene	84
1,2-Dichloropropane	76
cis-1,3-Dichloropropene	91
Toluene	93
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	83
Tetrachloroethene	96
1,2-Dibromoethane (EDB)	96
Chlorobenzene	97
Ethyl Benzene	111
m,p-Xylene	118
o-Xylene	119
Styrene	124
1,1,2,2-Tetrachloroethane	84
1,3,5-Trimethylbenzene	120
1,2,4-Trimethylbenzene	121
1,3-Dichlorobenzene	107
1,4-Dichlorobenzene	113
alpha-Chlorotoluene	115
1,2-Dichlorobenzene	108
1,2,4-Trichlorobenzene	113
Hexachlorobutadiene	104

Container Type: NA - Not Applicable

Client Sample ID: CCV

Lab ID#: 2106451-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063005	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/30/21 11:50 AM

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	121	70-130

Client Sample ID: LCS

Lab ID#: 2106451-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063003	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/30/21 10:44 AM

Compound	%Recovery	Method Limits
Freon 12	90	70-130
Freon 114	96	70-130
Chloromethane	80	70-130
Vinyl Chloride	77	70-130
Bromomethane	94	70-130
Chloroethane	91	70-130
Freon 11	91	70-130
Freon 113	95	70-130
1,1-Dichloroethene	100	70-130
Methylene Chloride	82	70-130
Methyl tert-butyl ether	106	70-130
1,1-Dichloroethane	86	70-130
cis-1,2-Dichloroethene	109	70-130
Chloroform	88	70-130
1,1,1-Trichloroethane	95	70-130
Carbon Tetrachloride	95	70-130
Benzene	87	70-130
1,2-Dichloroethane	79	70-130
Trichloroethene	87	70-130
1,2-Dichloropropane	80	70-130
cis-1,3-Dichloropropene	92	70-130
Toluene	94	70-130
trans-1,3-Dichloropropene	102	70-130
1,1,2-Trichloroethane	87	70-130
Tetrachloroethene	101	70-130
1,2-Dibromoethane (EDB)	99	70-130
Chlorobenzene	99	70-130
Ethyl Benzene	116	70-130
m,p-Xylene	123	70-130
o-Xylene	118	70-130
Styrene	128	70-130
1,1,2,2-Tetrachloroethane	87	70-130
1,3,5-Trimethylbenzene	124	70-130
1,2,4-Trimethylbenzene	131 Q	70-130
1,3-Dichlorobenzene	111	70-130
1,4-Dichlorobenzene	113	70-130
alpha-Chlorotoluene	117	70-130
1,2-Dichlorobenzene	111	70-130
1,2,4-Trichlorobenzene	125	70-130
Hexachlorobutadiene	117	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 2106451-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063003	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/30/21 10:44 AM

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	124	70-130

Client Sample ID: LCSD

Lab ID#: 2106451-05AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063004	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/30/21 11:12 AM

Compound	%Recovery	Method Limits
Freon 12	92	70-130
Freon 114	97	70-130
Chloromethane	79	70-130
Vinyl Chloride	78	70-130
Bromomethane	95	70-130
Chloroethane	93	70-130
Freon 11	93	70-130
Freon 113	97	70-130
1,1-Dichloroethene	105	70-130
Methylene Chloride	85	70-130
Methyl tert-butyl ether	111	70-130
1,1-Dichloroethane	87	70-130
cis-1,2-Dichloroethene	111	70-130
Chloroform	89	70-130
1,1,1-Trichloroethane	98	70-130
Carbon Tetrachloride	97	70-130
Benzene	87	70-130
1,2-Dichloroethane	80	70-130
Trichloroethene	87	70-130
1,2-Dichloropropane	78	70-130
cis-1,3-Dichloropropene	93	70-130
Toluene	95	70-130
trans-1,3-Dichloropropene	101	70-130
1,1,2-Trichloroethane	86	70-130
Tetrachloroethene	100	70-130
1,2-Dibromoethane (EDB)	99	70-130
Chlorobenzene	99	70-130
Ethyl Benzene	115	70-130
m,p-Xylene	121	70-130
o-Xylene	118	70-130
Styrene	126	70-130
1,1,2,2-Tetrachloroethane	86	70-130
1,3,5-Trimethylbenzene	122	70-130
1,2,4-Trimethylbenzene	125	70-130
1,3-Dichlorobenzene	110	70-130
1,4-Dichlorobenzene	113	70-130
alpha-Chlorotoluene	119	70-130
1,2-Dichlorobenzene	112	70-130
1,2,4-Trichlorobenzene	137 Q	70-130
Hexachlorobutadiene	126	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 2106451-05AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j063004	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/30/21 11:12 AM

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	125	70-130



Air Toxics

Analysis Request / Canister Chain of Custody

For Laboratory Use Only

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

PID: _____ Workorder #: 2106451

page 1 of 1

Client: <u>TRC</u>		Special Instructions/Notes: <u>PO# 167381</u> <u>2 Flow Controllers have the same #1802</u>	Turnaround Time (Rush surcharges may apply)		
Project Name: <u>GETS/SVE</u>			Standard <input checked="" type="checkbox"/> Rush _____ (specify)		
Project Manager: <u>Andy Stehn</u> Project # <u>419610</u>			Canister Vacuum/Pressure		
Sampler: <u>John Koelke</u> Phase 2			Requested Analyses		
Site Name: <u>Madison Kipp Corp. Task 2</u>		Lab Use Only			

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	1L3955	2028	6/16/21	9:54	6/16/21	9:55	38.5	4.5			XAX 70-15						
	Influent	1L2557	1802	6/16/21	10:04	6/16/21	10:06	29.5	0									
02A	Influent	1L1744	1802	6/16/21	10:22	6/16/21	10:23	29.5	5									

Relinquished by: (Signature/Affiliation)	Date: <u>6/16/21</u>	Time: <u>10:30</u>	Received by: (Signature/Affiliation)	Date: <u>6/18/21</u>	Time: <u>0950</u>
Relinquished by: (Signature/Affiliation) _____	Date: _____	Time: _____	Received by: (Signature/Affiliation) _____	Date: _____	Time: _____
Relinquished by: (Signature/Affiliation) _____	Date: _____	Time: _____	Received by: (Signature/Affiliation) _____	Date: _____	Time: _____

Shipper Name: <u>FedEx</u>		Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None <input checked="" type="checkbox"/>	Lab Use Only
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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

January 22, 2021

Andrew Stehn
TRC Madison
708 Heartland Trail
Madison, WI 53717

RE: Project: 41961 PH2 TSK2 MUC GETS OMM
Pace Project No.: 40220995

Dear Andrew Stehn:

Enclosed are the analytical results for sample(s) received by the laboratory on January 14, 2021. 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: Peggy Popp, TRC - Madison
Ben Wachholz, TRC Madison



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 41961 PH2 TSK2 MUC GETS OMM
Pace Project No.: 40220995

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

Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 41961 PH2 TSK2 MUC GETS OMM

Pace Project No.: 40220995

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40220995001	EFFLUENT	Water	01/13/21 12:35	01/14/21 08:45
40220995002	INFLUENT	Water	01/13/21 12:40	01/14/21 08:45

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SAMPLE ANALYTE COUNT

Project: 41961 PH2 TSK2 MUC GETS OMM

Pace Project No.: 40220995

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40220995001	EFFLUENT	SM 2540D	JXM	1
40220995002	INFLUENT	SM 2540D	JXM	1

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: 41961 PH2 TSK2 MUC GETS OMM
Pace Project No.: 40220995

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40220995001	EFFLUENT					
SM 2540D	Total Suspended Solids	1.4J	mg/L	2.0	01/18/21 08:00	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 41961 PH2 TSK2 MUC GETS OMM

Pace Project No.: 40220995

Method: SM 2540D

Description: 2540D Total Suspended Solids

Client: TRC - MADISON

Date: January 22, 2021

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:

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: 41961 PH2 TSK2 MUC GETS OMM

Pace Project No.: 40220995

Sample: EFFLUENT **Lab ID: 40220995001** Collected: 01/13/21 12:35 Received: 01/14/21 08:45 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	1.4J	mg/L	2.0	0.95	1		01/18/21 08:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 41961 PH2 TSK2 MUC GETS OMM

Pace Project No.: 40220995

Sample: INFLUENT **Lab ID: 40220995002** Collected: 01/13/21 12:40 Received: 01/14/21 08:45 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	<0.95	mg/L	2.0	0.95	1		01/18/21 08:00		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 41961 PH2 TSK2 MUC GETS OMM
Pace Project No.: 40220995

QC Batch: 375936 Analysis Method: SM 2540D
QC Batch Method: SM 2540D Analysis Description: 2540D Total Suspended Solids
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40220995001, 40220995002

METHOD BLANK: 2171758 Matrix: Water
Associated Lab Samples: 40220995001, 40220995002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	<0.48	1.0	01/18/21 07:59	

LABORATORY CONTROL SAMPLE: 2171759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	104	104	80-120	

SAMPLE DUPLICATE: 2171760

Parameter	Units	40221032001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	500	490	2	10	

SAMPLE DUPLICATE: 2171761

Parameter	Units	40221032002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	1060	1080	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.

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QUALIFIERS

Project: 41961 PH2 TSK2 MUC GETS OMM

Pace Project No.: 40220995

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 41961 PH2 TSK2 MUC GETS OMM

Pace Project No.: 40220995

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40220995001	EFFLUENT	SM 2540D	375936		
40220995002	INFLUENT	SM 2540D	375936		

REPORT OF LABORATORY ANALYSIS

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Pace Container Order #749474

40220995

Addresses		Ship To :	Return To:
Order By :		Company TRC - MADISON	Company Pace Analytical Green Bay
Company TRC - MADISON		Contact Stehn, Andrew	Contact Noltemeyer, Tod
Contact Stehn, Andrew		Email astehn@trcsolutions.com	Email tod.noltemeyer@pacelabs.com
Email astehn@trcsolutions.com		Address 708 Heartland Trail	Address 1241 Bellevue Street
Address 708 Heartland Trail		Address 2	Address 2 Suite 9
Address 2		City Madison	City Green Bay
City Madison		State WI Zip 53717	State WI Zip 54302
State WI Zip 53717		Phone NONE	Phone (920)469-2436
Phone NONE			

Info			
Project Name MKC 419610 Phase 2 Task 2	Due Date 01/08/2021	Profile 5567	Quote
Project Manager Noltemeyer, Tod	Return Date	Carrier Most Economical	Location

Trip Blanks

Include Trip Blanks

Bottle Labels

Blank

Pre-Printed No Sample IDs

Pre-Printed With Sample IDs

Bottles

Boxed Cases

Individually Wrapped

Grouped By Sample ID/Matrix

Return Shipping Labels

No Shipper

With Shipper

Misc

Sampling Instructions

Custody Seal

Temp. Blanks

Coolers

Syringes

Extra Bubble Wrap

Short Hold/Rush Stickers

DI Water

USDA Regulated Soils

COC Options

Number of Blanks

Pre-Printed

# of Samples	Matrix	Test	Container	Total	# of	Lot #	Notes
2	WT	TSS	1L plastic unpres	2	0	C-0-241-02BB	

Hazard Shipping Placard In Place : NA

LAB USE:

*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.

*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.

*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.

*Payment term are net 30 days.

*Please include the proposal number on the chain of custody to insure proper billing.

Ship Date :

Prepared By:

Verified By:

Sample

CLIENT USE (Optional):

Date Rec'd:

Received By:

Verified By:

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 99
Green Bay, WI 54301

Client Name: TBC

Project # U0220995

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Page 14 of 16

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)					
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WGFU	WPFU	SP5T								ZPLC	GN			
001																																				2.5 / 5 / 10
002																																				2.5 / 5 / 10
003																																				2.5 / 5 / 10
004																																				2.5 / 5 / 10
005																																				2.5 / 5 / 10
006																																				2.5 / 5 / 10
007																																				2.5 / 5 / 10
008																																				2.5 / 5 / 10
009																																				2.5 / 5 / 10
010																																				2.5 / 5 / 10
011																																				2.5 / 5 / 10
012																																				2.5 / 5 / 10
013																																				2.5 / 5 / 10
014																																				2.5 / 5 / 10
015																																				2.5 / 5 / 10
016																																				2.5 / 5 / 10
017																																				2.5 / 5 / 10
018																																				2.5 / 5 / 10
019																																				2.5 / 5 / 10
020																																				2.5 / 5 / 10

MUR
1-14-21

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

Sample Condition Upon Receipt Form (SCUR)

Client Name: TRC

Project #: _____

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

WO# : 40220995



40220995

Tracking #: 1766-011321

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 - n/a Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 602 / Corr: _____

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
Date: 1-14-21 / Initials: MRJ
Labeled By Initials: SKW

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>invoice contact</u> <u>MRJ 1-14-21</u>
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.
- 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.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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: _____

March 16, 2021

Andrew Stehn
TRC Madison
708 Heartland Trail
Madison, WI 53717

RE: Project: 419610 PH2 TSK2 MKC- GETS OM+M
Pace Project No.: 40222884

Dear Andrew Stehn:

Enclosed are the analytical results for sample(s) received by the laboratory between March 04, 2021 and March 09, 2021. 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: Peggy Popp, TRC - Madison
Ben Wachholz, TRC Madison



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

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

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40222884001	INFLUENT	Water	03/03/21 13:00	03/04/21 08:35
40222884002	EFFLUENT	Water	03/03/21 12:53	03/04/21 08:35
40222884003	TRIP BLANK	Water	03/03/21 00:00	03/04/21 08:35
40222884004	EFFLUENT	Water	03/08/21 10:40	03/09/21 09:10
40222884005	INFLUENT	Water	03/08/21 10:45	03/09/21 09:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 419610 PH2 TSK2 MKC- GETS OM+M
Pace Project No.: 40222884

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40222884001	INFLUENT	EPA 624.1	HNW	21
40222884002	EFFLUENT	EPA 624.1	HNW	21
40222884003	TRIP BLANK	EPA 624.1	HNW	21
40222884004	EFFLUENT	EPA 625 SIM	JJB	14
40222884005	INFLUENT	EPA 625 SIM	JJB	14

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40222884001	INFLUENT					
EPA 624.1	Tetrachloroethene	1140	ug/L	21.8	03/10/21 15:50	
EPA 624.1	Trichloroethene	124	ug/L	20.0	03/10/21 15:50	
40222884002	EFFLUENT					
EPA 624.1	Tetrachloroethene	9.5	ug/L	1.1	03/10/21 15:28	
EPA 624.1	Trichloroethene	2.2	ug/L	1.0	03/10/21 15:28	
40222884004	EFFLUENT					
EPA 625 SIM	Pyrene	0.0086J	ug/L	0.036	03/15/21 16:27	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

Method: EPA 625 SIM

Description: 625 MSSV PAH by SIM

Client: TRC - MADISON

Date: March 16, 2021

General Information:

2 samples were analyzed for EPA 625 SIM 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.

Sample Preparation:

The samples were prepared in accordance with EPA 625 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits 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.

QC Batch: 379618

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

- LCS (Lab ID: 2189384)
 - Benzo(g,h,i)perylene
 - Dibenz(a,h)anthracene

Matrix Spikes:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

Method: EPA 624.1

Description: 624.1 Volatile Organics

Client: TRC - MADISON

Date: March 16, 2021

General Information:

3 samples were analyzed for EPA 624.1 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.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits 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.

Additional Comments:

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: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

Sample: INFLUENT **Lab ID: 40222884001** Collected: 03/03/21 13:00 Received: 03/04/21 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics									
Analytical Method: EPA 624.1									
Pace Analytical Services - Green Bay									
Benzene	<4.9	ug/L	20.0	4.9	20		03/10/21 15:50	71-43-2	
Bromodichloromethane	<7.3	ug/L	24.2	7.3	20		03/10/21 15:50	75-27-4	
Bromoform	<79.4	ug/L	265	79.4	20		03/10/21 15:50	75-25-2	
Bromomethane	<19.4	ug/L	100	19.4	20		03/10/21 15:50	74-83-9	
Carbon tetrachloride	<21.5	ug/L	71.8	21.5	20		03/10/21 15:50	56-23-5	
Chloroform	<25.5	ug/L	100	25.5	20		03/10/21 15:50	67-66-3	
Chloromethane	<43.8	ug/L	146	43.8	20		03/10/21 15:50	74-87-3	
1,2-Dichloroethane	<5.6	ug/L	20.0	5.6	20		03/10/21 15:50	107-06-2	
1,1-Dichloroethene	<4.9	ug/L	20.0	4.9	20		03/10/21 15:50	75-35-4	
Ethylbenzene	<6.4	ug/L	21.2	6.4	20		03/10/21 15:50	100-41-4	
1,1,2,2-Tetrachloroethane	<5.5	ug/L	20.0	5.5	20		03/10/21 15:50	79-34-5	
Tetrachloroethene	1140	ug/L	21.8	6.5	20		03/10/21 15:50	127-18-4	
Toluene	<5.4	ug/L	18.0	5.4	20		03/10/21 15:50	108-88-3	
1,1,1-Trichloroethane	<4.9	ug/L	20.0	4.9	20		03/10/21 15:50	71-55-6	
1,1,2-Trichloroethane	<11.0	ug/L	100	11.0	20		03/10/21 15:50	79-00-5	
Trichloroethene	124	ug/L	20.0	5.1	20		03/10/21 15:50	79-01-6	
Vinyl chloride	<3.5	ug/L	20.0	3.5	20		03/10/21 15:50	75-01-4	
Xylene (Total)	<30.0	ug/L	60.0	30.0	20		03/10/21 15:50	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	119	%	70-130		20		03/10/21 15:50	1868-53-7	
4-Bromofluorobenzene (S)	95	%	70-130		20		03/10/21 15:50	460-00-4	
Toluene-d8 (S)	107	%	70-130		20		03/10/21 15:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 419610 PH2 TSK2 MKC- GETS OM+M
Pace Project No.: 40222884

Sample: EFFLUENT **Lab ID: 40222884002** Collected: 03/03/21 12:53 Received: 03/04/21 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics									
Analytical Method: EPA 624.1									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		03/10/21 15:28	71-43-2	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		03/10/21 15:28	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		03/10/21 15:28	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		03/10/21 15:28	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		03/10/21 15:28	56-23-5	
Chloroform	<1.3	ug/L	5.0	1.3	1		03/10/21 15:28	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		03/10/21 15:28	74-87-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		03/10/21 15:28	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		03/10/21 15:28	75-35-4	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		03/10/21 15:28	100-41-4	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		03/10/21 15:28	79-34-5	
Tetrachloroethene	9.5	ug/L	1.1	0.33	1		03/10/21 15:28	127-18-4	
Toluene	<0.27	ug/L	0.90	0.27	1		03/10/21 15:28	108-88-3	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		03/10/21 15:28	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		03/10/21 15:28	79-00-5	
Trichloroethene	2.2	ug/L	1.0	0.26	1		03/10/21 15:28	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/10/21 15:28	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		03/10/21 15:28	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	121	%	70-130		1		03/10/21 15:28	1868-53-7	
4-Bromofluorobenzene (S)	95	%	70-130		1		03/10/21 15:28	460-00-4	
Toluene-d8 (S)	109	%	70-130		1		03/10/21 15:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

Sample: TRIP BLANK **Lab ID: 40222884003** Collected: 03/03/21 00:00 Received: 03/04/21 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics									
Analytical Method: EPA 624.1									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		03/09/21 11:44	71-43-2	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		03/09/21 11:44	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		03/09/21 11:44	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		03/09/21 11:44	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		03/09/21 11:44	56-23-5	
Chloroform	<1.3	ug/L	5.0	1.3	1		03/09/21 11:44	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		03/09/21 11:44	74-87-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		03/09/21 11:44	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		03/09/21 11:44	75-35-4	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		03/09/21 11:44	100-41-4	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		03/09/21 11:44	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		03/09/21 11:44	127-18-4	
Toluene	<0.27	ug/L	0.90	0.27	1		03/09/21 11:44	108-88-3	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		03/09/21 11:44	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		03/09/21 11:44	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		03/09/21 11:44	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		03/09/21 11:44	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		03/09/21 11:44	1330-20-7	
Surrogates									
Dibromofluoromethane (S)	123	%	70-130		1		03/09/21 11:44	1868-53-7	
4-Bromofluorobenzene (S)	97	%	70-130		1		03/09/21 11:44	460-00-4	
Toluene-d8 (S)	104	%	70-130		1		03/09/21 11:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 419610 PH2 TSK2 MKC- GETS OM+M
Pace Project No.: 40222884

Sample: EFFLUENT **Lab ID: 40222884004** Collected: 03/08/21 10:40 Received: 03/09/21 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV PAH by SIM									
Analytical Method: EPA 625 SIM Preparation Method: EPA 625 Pace Analytical Services - Green Bay									
Benzo(a)anthracene	<0.0072	ug/L	0.036	0.0072	1	03/12/21 11:53	03/15/21 16:27	56-55-3	
Benzo(a)pyrene	<0.010	ug/L	0.050	0.010	1	03/12/21 11:53	03/15/21 16:27	50-32-8	
Benzo(b)fluoranthene	<0.0055	ug/L	0.027	0.0055	1	03/12/21 11:53	03/15/21 16:27	205-99-2	
Benzo(g,h,i)perylene	<0.0065	ug/L	0.032	0.0065	1	03/12/21 11:53	03/15/21 16:27	191-24-2	L1
Benzo(k)fluoranthene	<0.0072	ug/L	0.036	0.0072	1	03/12/21 11:53	03/15/21 16:27	207-08-9	
Chrysene	<0.012	ug/L	0.062	0.012	1	03/12/21 11:53	03/15/21 16:27	218-01-9	
Dibenz(a,h)anthracene	<0.0095	ug/L	0.048	0.0095	1	03/12/21 11:53	03/15/21 16:27	53-70-3	L1
Fluoranthene	<0.010	ug/L	0.051	0.010	1	03/12/21 11:53	03/15/21 16:27	206-44-0	
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.084	0.017	1	03/12/21 11:53	03/15/21 16:27	193-39-5	
Naphthalene	<0.017	ug/L	0.087	0.017	1	03/12/21 11:53	03/15/21 16:27	91-20-3	
Phenanthrene	<0.013	ug/L	0.066	0.013	1	03/12/21 11:53	03/15/21 16:27	85-01-8	
Pyrene	0.0086J	ug/L	0.036	0.0073	1	03/12/21 11:53	03/15/21 16:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	39-120		1	03/12/21 11:53	03/15/21 16:27	321-60-8	
Terphenyl-d14 (S)	97	%	10-159		1	03/12/21 11:53	03/15/21 16:27	1718-51-0	

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ANALYTICAL RESULTS

Project: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

Sample: INFLUENT **Lab ID: 40222884005** Collected: 03/08/21 10:45 Received: 03/09/21 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV PAH by SIM									
Analytical Method: EPA 625 SIM Preparation Method: EPA 625									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	<0.0070	ug/L	0.035	0.0070	1	03/12/21 11:53	03/15/21 16:45	56-55-3	
Benzo(a)pyrene	<0.0098	ug/L	0.049	0.0098	1	03/12/21 11:53	03/15/21 16:45	50-32-8	
Benzo(b)fluoranthene	<0.0053	ug/L	0.027	0.0053	1	03/12/21 11:53	03/15/21 16:45	205-99-2	
Benzo(g,h,i)perylene	<0.0063	ug/L	0.031	0.0063	1	03/12/21 11:53	03/15/21 16:45	191-24-2	L1
Benzo(k)fluoranthene	<0.0070	ug/L	0.035	0.0070	1	03/12/21 11:53	03/15/21 16:45	207-08-9	
Chrysene	<0.012	ug/L	0.060	0.012	1	03/12/21 11:53	03/15/21 16:45	218-01-9	
Dibenz(a,h)anthracene	<0.0093	ug/L	0.046	0.0093	1	03/12/21 11:53	03/15/21 16:45	53-70-3	L1
Fluoranthene	<0.0099	ug/L	0.049	0.0099	1	03/12/21 11:53	03/15/21 16:45	206-44-0	
Indeno(1,2,3-cd)pyrene	<0.016	ug/L	0.082	0.016	1	03/12/21 11:53	03/15/21 16:45	193-39-5	
Naphthalene	<0.017	ug/L	0.085	0.017	1	03/12/21 11:53	03/15/21 16:45	91-20-3	
Phenanthrene	<0.013	ug/L	0.064	0.013	1	03/12/21 11:53	03/15/21 16:45	85-01-8	
Pyrene	<0.0071	ug/L	0.035	0.0071	1	03/12/21 11:53	03/15/21 16:45	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	53	%	39-120		1	03/12/21 11:53	03/15/21 16:45	321-60-8	
Terphenyl-d14 (S)	90	%	10-159		1	03/12/21 11:53	03/15/21 16:45	1718-51-0	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 419610 PH2 TSK2 MKC- GETS OM+M
Pace Project No.: 40222884

QC Batch: 379069 Analysis Method: EPA 624.1
QC Batch Method: EPA 624.1 Analysis Description: 624.1 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40222884003

METHOD BLANK: 2186656 Matrix: Water
Associated Lab Samples: 40222884003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	03/09/21 08:44	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	03/09/21 08:44	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	03/09/21 08:44	
1,1-Dichloroethene	ug/L	<0.24	1.0	03/09/21 08:44	
1,2-Dichloroethane	ug/L	<0.28	1.0	03/09/21 08:44	
Benzene	ug/L	<0.25	1.0	03/09/21 08:44	
Bromodichloromethane	ug/L	<0.36	1.2	03/09/21 08:44	
Bromoform	ug/L	<4.0	13.2	03/09/21 08:44	
Bromomethane	ug/L	<0.97	5.0	03/09/21 08:44	
Carbon tetrachloride	ug/L	<1.1	3.6	03/09/21 08:44	
Chloroform	ug/L	<1.3	5.0	03/09/21 08:44	
Chloromethane	ug/L	<2.2	7.3	03/09/21 08:44	
Ethylbenzene	ug/L	<0.32	1.1	03/09/21 08:44	
Tetrachloroethene	ug/L	<0.33	1.1	03/09/21 08:44	
Toluene	ug/L	<0.27	0.90	03/09/21 08:44	
Trichloroethene	ug/L	<0.26	1.0	03/09/21 08:44	
Vinyl chloride	ug/L	<0.17	1.0	03/09/21 08:44	
Xylene (Total)	ug/L	<1.5	3.0	03/09/21 08:44	
4-Bromofluorobenzene (S)	%	97	70-130	03/09/21 08:44	
Dibromofluoromethane (S)	%	121	70-130	03/09/21 08:44	
Toluene-d8 (S)	%	105	70-130	03/09/21 08:44	

LABORATORY CONTROL SAMPLE: 2186657

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.1	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.7	101	60-140	
1,1,2-Trichloroethane	ug/L	50	51.3	103	70-130	
1,1-Dichloroethene	ug/L	50	59.2	118	50-150	
1,2-Dichloroethane	ug/L	50	59.7	119	70-130	
Benzene	ug/L	50	57.0	114	65-135	
Bromodichloromethane	ug/L	50	49.9	100	65-135	
Bromoform	ug/L	50	42.3	85	70-130	
Bromomethane	ug/L	50	65.3	131	15-185	
Carbon tetrachloride	ug/L	50	51.4	103	70-130	
Chloroform	ug/L	50	56.1	112	70-135	
Chloromethane	ug/L	50	56.5	113	10-200	
Ethylbenzene	ug/L	50	49.4	99	60-140	
Tetrachloroethene	ug/L	50	44.7	89	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

LABORATORY CONTROL SAMPLE: 2186657

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	49.6	99	70-130	
Trichloroethene	ug/L	50	49.3	99	65-135	
Vinyl chloride	ug/L	50	61.4	123	10-195	
Xylene (Total)	ug/L	150	147	98	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	
Dibromofluoromethane (S)	%			119	70-130	
Toluene-d8 (S)	%			107	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2187401 2187402

Parameter	Units	2187401		2187402		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40222862001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
1,1,1-Trichloroethane	ug/L	ND	50	50	54.3	55.4	109	111	70-130	2	20
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	48.3	49.0	97	98	66-130	1	20
1,1,2-Trichloroethane	ug/L	ND	50	50	50.7	51.3	101	103	70-130	1	20
1,1-Dichloroethene	ug/L	ND	50	50	57.2	57.5	114	115	76-132	1	20
1,2-Dichloroethane	ug/L	ND	50	50	57.8	59.3	116	119	70-130	3	20
Benzene	ug/L	5.8	50	50	63.1	63.7	115	116	70-132	1	20
Bromodichloromethane	ug/L	ND	50	50	51.0	52.3	102	105	70-130	2	20
Bromoform	ug/L	ND	50	50	39.8	42.2	80	84	65-130	6	20
Bromomethane	ug/L	ND	50	50	46.5	51.9	93	104	44-128	11	21
Carbon tetrachloride	ug/L	ND	50	50	53.1	55.1	106	110	70-132	4	20
Chloroform	ug/L	ND	50	50	57.7	57.4	115	115	80-122	1	20
Chloromethane	ug/L	ND	50	50	44.5	46.0	89	92	17-149	3	20
Ethylbenzene	ug/L	ND	50	50	53.8	53.7	107	107	80-123	0	20
Tetrachloroethene	ug/L	ND	50	50	49.6	49.6	99	99	70-130	0	20
Toluene	ug/L	ND	50	50	53.0	53.0	106	106	80-121	0	20
Trichloroethene	ug/L	ND	50	50	54.2	55.0	108	110	70-130	2	20
Vinyl chloride	ug/L	ND	50	50	54.8	55.8	110	112	61-143	2	20
Xylene (Total)	ug/L	ND	150	150	160	160	106	106	70-130	0	20
4-Bromofluorobenzene (S)	%						104	105	70-130		
Dibromofluoromethane (S)	%						119	118	70-130		
Toluene-d8 (S)	%						104	104	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 419610 PH2 TSK2 MKC- GETS OM+M
Pace Project No.: 40222884

QC Batch: 379345 Analysis Method: EPA 624.1
QC Batch Method: EPA 624.1 Analysis Description: 624.1 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40222884001, 40222884002

METHOD BLANK: 2187948 Matrix: Water

Associated Lab Samples: 40222884001, 40222884002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.24	1.0	03/10/21 09:05	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	03/10/21 09:05	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	03/10/21 09:05	
1,1-Dichloroethene	ug/L	<0.24	1.0	03/10/21 09:05	
1,2-Dichloroethane	ug/L	<0.28	1.0	03/10/21 09:05	
Benzene	ug/L	<0.25	1.0	03/10/21 09:05	
Bromodichloromethane	ug/L	<0.36	1.2	03/10/21 09:05	
Bromoform	ug/L	<4.0	13.2	03/10/21 09:05	
Bromomethane	ug/L	<0.97	5.0	03/10/21 09:05	
Carbon tetrachloride	ug/L	<1.1	3.6	03/10/21 09:05	
Chloroform	ug/L	<1.3	5.0	03/10/21 09:05	
Chloromethane	ug/L	<2.2	7.3	03/10/21 09:05	
Ethylbenzene	ug/L	<0.32	1.1	03/10/21 09:05	
Tetrachloroethene	ug/L	<0.33	1.1	03/10/21 09:05	
Toluene	ug/L	<0.27	0.90	03/10/21 09:05	
Trichloroethene	ug/L	<0.26	1.0	03/10/21 09:05	
Vinyl chloride	ug/L	<0.17	1.0	03/10/21 09:05	
Xylene (Total)	ug/L	<1.5	3.0	03/10/21 09:05	
4-Bromofluorobenzene (S)	%	96	70-130	03/10/21 09:05	
Dibromofluoromethane (S)	%	111	70-130	03/10/21 09:05	
Toluene-d8 (S)	%	108	70-130	03/10/21 09:05	

LABORATORY CONTROL SAMPLE: 2187949

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.3	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	60-140	
1,1,2-Trichloroethane	ug/L	50	48.4	97	70-130	
1,1-Dichloroethene	ug/L	50	52.6	105	50-150	
1,2-Dichloroethane	ug/L	50	52.2	104	70-130	
Benzene	ug/L	50	50.6	101	65-135	
Bromodichloromethane	ug/L	50	45.7	91	65-135	
Bromoform	ug/L	50	40.6	81	70-130	
Bromomethane	ug/L	50	56.0	112	15-185	
Carbon tetrachloride	ug/L	50	46.7	93	70-130	
Chloroform	ug/L	50	49.9	100	70-135	
Chloromethane	ug/L	50	45.3	91	10-200	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Tetrachloroethene	ug/L	50	43.7	87	70-130	

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QUALITY CONTROL DATA

Project: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

LABORATORY CONTROL SAMPLE: 2187949

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	48.7	97	70-130	
Trichloroethene	ug/L	50	45.9	92	65-135	
Vinyl chloride	ug/L	50	52.6	105	10-195	
Xylene (Total)	ug/L	150	142	95	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			116	70-130	
Toluene-d8 (S)	%			110	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2187950 2187951

Parameter	Units	40222884001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	% Rec					
1,1,1-Trichloroethane	ug/L	<4.9	1000	1000	945	958	94	96	70-130	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<5.5	1000	1000	947	970	95	97	66-130	2	20		
1,1,2-Trichloroethane	ug/L	<11.0	1000	1000	950	973	95	97	70-130	2	20		
1,1-Dichloroethene	ug/L	<4.9	1000	1000	967	965	97	96	76-132	0	20		
1,2-Dichloroethane	ug/L	<5.6	1000	1000	1030	1040	103	104	70-130	1	20		
Benzene	ug/L	<4.9	1000	1000	992	989	99	99	70-132	0	20		
Bromodichloromethane	ug/L	<7.3	1000	1000	925	926	92	93	70-130	0	20		
Bromoform	ug/L	<79.4	1000	1000	790	807	79	81	65-130	2	20		
Bromomethane	ug/L	<19.4	1000	1000	855	796	85	80	44-128	7	21		
Carbon tetrachloride	ug/L	<21.5	1000	1000	947	954	95	95	70-132	1	20		
Chloroform	ug/L	<25.5	1000	1000	1000	1010	99	100	80-122	1	20		
Chloromethane	ug/L	<43.8	1000	1000	693	669	69	67	17-149	4	20		
Ethylbenzene	ug/L	<6.4	1000	1000	967	980	97	98	80-123	1	20		
Tetrachloroethene	ug/L	1140	1000	1000	2090	2080	95	94	70-130	1	20		
Toluene	ug/L	<5.4	1000	1000	965	977	97	98	80-121	1	20		
Trichloroethene	ug/L	124	1000	1000	1090	1100	97	97	70-130	0	20		
Vinyl chloride	ug/L	<3.5	1000	1000	892	864	89	86	61-143	3	20		
Xylene (Total)	ug/L	<30.0	3000	3000	2840	2870	95	96	70-130	1	20		
4-Bromofluorobenzene (S)	%						101	103	70-130				
Dibromofluoromethane (S)	%						114	114	70-130				
Toluene-d8 (S)	%						107	108	70-130				

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QUALITY CONTROL DATA

Project: 419610 PH2 TSK2 MKC- GETS OM+M
Pace Project No.: 40222884

QC Batch: 379618 Analysis Method: EPA 625 SIM
QC Batch Method: EPA 625 Analysis Description: 625 Water PAH
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40222884004, 40222884005

METHOD BLANK: 2189383 Matrix: Water
Associated Lab Samples: 40222884004, 40222884005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	<0.0076	0.038	03/15/21 08:36	
Benzo(a)pyrene	ug/L	<0.011	0.053	03/15/21 08:36	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	03/15/21 08:36	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	03/15/21 08:36	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	03/15/21 08:36	
Chrysene	ug/L	<0.013	0.065	03/15/21 08:36	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	03/15/21 08:36	
Fluoranthene	ug/L	<0.011	0.053	03/15/21 08:36	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	03/15/21 08:36	
Naphthalene	ug/L	<0.018	0.092	03/15/21 08:36	
Phenanthrene	ug/L	<0.014	0.069	03/15/21 08:36	
Pyrene	ug/L	<0.0076	0.038	03/15/21 08:36	
2-Fluorobiphenyl (S)	%	63	39-120	03/15/21 08:36	
Terphenyl-d14 (S)	%	100	10-159	03/15/21 08:36	

LABORATORY CONTROL SAMPLE & LCSD: 2189384

Parameter	Units	Spike Conc.	2189385		LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
			LCS Result	LCSD Result						
Benzo(a)anthracene	ug/L	2	1.9	1.9	94	95	47-118	1	27	
Benzo(a)pyrene	ug/L	2	1.8	1.7	88	87	70-120	1	20	
Benzo(b)fluoranthene	ug/L	2	1.8	1.8	91	92	54-97	1	21	
Benzo(g,h,i)perylene	ug/L	2	1.7	1.3	83	65	26-74	25	42	L1
Benzo(k)fluoranthene	ug/L	2	2.1	2.0	104	99	73-126	4	22	
Chrysene	ug/L	2	1.9	1.8	95	92	75-151	4	20	
Dibenz(a,h)anthracene	ug/L	2	1.8	1.4	90	68	13-72	28	50	L1
Fluoranthene	ug/L	2	1.8	1.8	90	89	63-120	1	20	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.8	1.7	91	85	51-101	7	27	
Naphthalene	ug/L	2	1.3	1.3	63	63	41-120	0	24	
Phenanthrene	ug/L	2	1.7	1.7	86	86	47-100	0	22	
Pyrene	ug/L	2	2.0	2.0	99	99	70-128	0	20	
2-Fluorobiphenyl (S)	%				67	65	39-120			
Terphenyl-d14 (S)	%				104	104	10-159			

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

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

QUALIFIERS

Project: 419610 PH2 TSK2 MKC- GETS OM+M

Pace Project No.: 40222884

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

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 419610 PH2 TSK2 MKC- GETS OM+M
Pace Project No.: 40222884

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40222884004	EFFLUENT	EPA 625	379618	EPA 625 SIM	379661
40222884005	INFLUENT	EPA 625	379618	EPA 625 SIM	379661
40222884001	INFLUENT	EPA 624.1	379345		
40222884002	EFFLUENT	EPA 624.1	379345		
40222884003	TRIP BLANK	EPA 624.1	379069		

REPORT OF LABORATORY ANALYSIS

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

(Please Print Clearly)

Company Name: TRC
 Branch/Location: madison, WI
 Project Contact: Andrew Stehr
 Phone: 608-807-8112
 Project Number: 419610 Ph.2 TSK 2.
 Project Name: MUC-GETS omtm
 Project State: WI
 Sampled By (Print): Andrew Stehr
 Sampled By (Sign): *Andrew Stehr*
 PO #: 162070
 Regulatory Program:



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40222884

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)	Y/N	Pick Letter	Analyses Requested																		
	N	B	VOLCS																		

Quote #:
 Mail To Contact:
 Mail To Company:
 Mail To Address:
 Invoice To Contact: Andrew Stehr
 Invoice To Company: TRC
 Invoice To Address: 708 Heartland TPAI
 Suite 3000, madison,
 WI 53717
 Invoice To Phone: 608-807-8112
 CLIENT COMMENTS
 LAB COMMENTS (Lab Use Only)
 Profile #

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
001	Influent	3/3/21	1300	WW			X
002	Effluent	3/3/21	1253	WW			X
003	Trip Blank						X

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: *Andrew Stehr* Date/Time: ^{plus} 3/3/21 1515
 Relinquished By: C.S Logistics Date/Time: 3/4/21 0835
 Relinquished By: Date/Time:
 Relinquished By: Date/Time:
 Relinquished By: Date/Time:

Received By: PACE *Cubic* Date/Time: 3/3/21 1515
 Received By: *[Signature]* Date/Time: 3/4/21 0835
 Received By: Date/Time:
 Received By: Date/Time:
 Received By: Date/Time:

PACE Project No.
 Receipt Temp = *ROT* °C
 Sample Receipt pH
 OK / Adjusted
 Cooler Custody Seal
 Present / Not Present
 Intact / Not Intact

Sample Preservation Receipt Form

Project # 40222884

Client Name: TLC

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Page 21 of 25

Pace Lab #	Glass							Plastic					Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)			
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN
001																3																	2.5 / 5 / 10
002																3																	2.5 / 5 / 10
003																2																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
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015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						



Document Name: Sample Condition Upon Receipt (SCUR)
Document No.: ENV-FRM-GBAY-0014-Rev.00

Document Revised: 26Mar2020
Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: TRC

WO#: **40222884**

Courier: CS Logistics Fed Ex Speedee UPS Walto
 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 - N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 20 / Corr: _____

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

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

Person examining contents:
Date: 3/4/21 / Initials: [Signature]
Labeled By Initials: [Signature]

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.
- 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.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>459</u>	<u>3/4/21</u>	

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 logir

(Please Print Clearly)

Company Name:	TRC
Branch/Location:	Madison, WI
Project Contact:	Andy Stehn
Phone:	608-807-8112
Project Number:	419610 Phase 2, Task 2
Project Name:	MKC GETS
Project State:	WI
Sampled By (Print):	Ben Wachholz
Sampled By (Sign):	<i>Ben Wachholz</i>
PO #:	162070
Regulatory Program:	



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

Page 1 of
 40222884
 40223K 3/19/21

CHAIN OF CUSTODY

*Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESENTATION
(CODE)*

Y/N	Pick Letter	Analyses Requested	Matrix
N	A	PAHS	

Data Package Options (billable) <input type="checkbox"/> EPA Level III <input type="checkbox"/> EPA Level IV	MS/MSD <input type="checkbox"/> On your sample (billable) <input type="checkbox"/> NOT needed on your sample	Matrix Codes A = Air B = Biota C = Charcoal O = Oil S = Soil SI = Sludge W = Water DW = Drinking Water GW = Ground Water SW = Surface Water WP = Wipe
--	---	--

PACE LAB #	CLIENT FIELD ID	COLLECTION			MATRIX	Y/N	Pick Letter	Analyses Requested	Matrix
		DATE	TIME						
001	EFFLUENT	3/8/21	10:40		W		X		
002	INFLUENT	3/8/21	10:45		W		X		

Quote #:		
Mail To Contact:	Andy Stehn	
Mail To Company:	TRC	
Mail To Address:	708 Heartland Trail Suite 3000 Madison, WI 53717	
Invoice To Contact:		
Invoice To Company:	Same as above	
Invoice To Address:		
Invoice To Phone:	608-807-8112	
CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>Ben Wachholz</i> Date/Time: 3/8/2021 11:00	Received By: <i>Jessica @ TRC</i> Date/Time: 03/08/21 11:00	PACE Project No.
	Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <i>Jessica @ TRC</i> Date/Time: 03/08/21 11:00	
Email #1:	Relinquished By: <i>CS Rogister</i> Date/Time: 3/8/21 09:10	Received By: <i>Wendy Hawkley</i> Date/Time: 3/9/21 09:10	Receipt Temp = 3 °C
Email #2:			Sample Receipt pH OK / Adjusted
Telephone:			Cooler Custody Seal Present / Not Present
Fax:			Intact / Not Intact
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Received By:	

004
005

Sample Preservation Receipt Form

Client Name: TRC

Project # 40222884

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Page 24 of 26

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H ₂ SO ₄ pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO ₃ pH ≤2	pH after adjusted	Volume (mL)		
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
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013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Handwritten notes in the table cells:
 - Row 002: 1 liter glass
 - Row 006: 1 liter glass
 - Row 011: 3 liter jar
 - Row 012: 2 liter jar

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H ₂ SO ₄	BP3N 250 mL plastic HNO ₃	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H ₂ SO ₄	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H ₂ SO ₄			GN
BG3U 250 mL clear glass unpres			



1241 Bellevue Street, Green Bay, WI 54302

Document Name:
Sample Condition Upon Receipt (SCUR)

Document No.:
ENV-FRM-GBAY-0014-Rev.00

Document Revised: 26Mar2020

Author:
Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: TRC

WO#: **40222884**



Courier: CS Logistics Fed Ex Speedee UPS Walto
 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 - 97 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 3 / Corr: 3

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
3/19/21
Date: / Initials: NA
Labeled By Initials: NA

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>pg#</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>3/19/21 NA</u>
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.
- 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.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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 logir

May 05, 2021

Andrew Stehn
TRC Madison
708 Heartland Trail
Madison, WI 53717

RE: Project: 419610.0.0 MADISON KIPP-GETS
Pace Project No.: 40226057

Dear Andrew Stehn:

Enclosed are the analytical results for sample(s) received by the laboratory on April 30, 2021. 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: Peggy Popp, TRC - Madison
Katherine Vater, TRC



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 419610.0.0 MADISON KIPP-GETS

Pace Project No.: 40226057

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

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 419610.0.0 MADISON KIPP-GETS

Pace Project No.: 40226057

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40226057001	INFLUENT	Water	04/29/21 10:37	04/30/21 07:30
40226057002	EFFLUENT	Water	04/29/21 10:35	04/30/21 07:30

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 419610.0.0 MADISON KIPP-GETS
Pace Project No.: 40226057

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40226057001	INFLUENT	SM 2540D	HNT	1
40226057002	EFFLUENT	SM 2540D	HNT	1

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 419610.0.0 MADISON KIPP-GETS
Pace Project No.: 40226057

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40226057001	INFLUENT					
SM 2540D	Total Suspended Solids	1.0J	mg/L	2.0	05/03/21 11:13	

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PROJECT NARRATIVE

Project: 419610.0.0 MADISON KIPP-GETS

Pace Project No.: 40226057

Method: SM 2540D

Description: 2540D Total Suspended Solids

Client: TRC - MADISON

Date: May 05, 2021

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:

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: 419610.0.0 MADISON KIPP-GETS

Pace Project No.: 40226057

Sample: INFLUENT **Lab ID: 40226057001** Collected: 04/29/21 10:37 Received: 04/30/21 07:30 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	1.0J	mg/L	2.0	0.95	1		05/03/21 11:13		

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ANALYTICAL RESULTS

Project: 419610.0.0 MADISON KIPP-GETS

Pace Project No.: 40226057

Sample: EFFLUENT **Lab ID: 40226057002** Collected: 04/29/21 10:35 Received: 04/30/21 07:30 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	<0.95	mg/L	2.0	0.95	1		05/03/21 11:13		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 419610.0.0 MADISON KIPP-GETS
Pace Project No.: 40226057

QC Batch: 384062 Analysis Method: SM 2540D
QC Batch Method: SM 2540D Analysis Description: 2540D Total Suspended Solids
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40226057001, 40226057002

METHOD BLANK: 2215774 Matrix: Water
Associated Lab Samples: 40226057001, 40226057002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	<0.48	1.0	05/03/21 11:12	

LABORATORY CONTROL SAMPLE: 2215775

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

SAMPLE DUPLICATE: 2215776

Parameter	Units	40225950002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	150	147	2	10	

SAMPLE DUPLICATE: 2215777

Parameter	Units	40225958001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	50.0	47.5	5	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: 419610.0.0 MADISON KIPP-GETS

Pace Project No.: 40226057

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 419610.0.0 MADISON KIPP-GETS
Pace Project No.: 40226057

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40226057001	INFLUENT	SM 2540D	384062		
40226057002	EFFLUENT	SM 2540D	384062		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical - ECCS Division
 2525 Advance Road
 Madison, WI 53718
 608-221-8700 (phone)
 608-221-4889 (fax)

CHAIN OF CUSTODY

No. 09426

40226057

Page: 1 of 1

Project Number: 419610.000000 PO Number: 162070				Lab Work Order #:				Report To: Andrew Stern										
Project Name: Madison Kipp - GETS				Preservation Codes				Company: TRC										
Project Location (City, State): Madison, WI				Analyses Requested				Address 1: 708 Hartland Trail Suite 300										
Turn Around (check one): <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush				A	TSS	1	X				Address 2: Madison, WI 53717							
If Rush, Report Due Date:											E-mail Address: astern@trccompanies.com							
Sampled By (Print): Andrew Stern											Invoice To:							
Sample Description											Collection		Matrix		Total # of Containers		Company:	
											Date	Time			Address 1: Same as above			
INFLUENT				4/29/21	1037	W	1	X			Comments	Lab ID	Lab Receipt Time					
EFFLUENT				4/29/21	1035	W	1	X				001						
												002						
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)				Other Comments:				Relinquished By: Andrew TRC		Date: 4/29/21	Time: 12:00	Received By: PACE carried		Date: 4/29/21	Time:			
Matrix Codes A=Air S=Soil W=Water O=Other								Relinquished By: CS Logistics		Date: 4/30/21	Time: 0730	Received By: [Signature]		Date: 4/30/21	Time: 0730			
				Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via:		Receipt Temp:		Thermometer #/ Exp. Date:		Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N				

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: TRC

Project # 40226057

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act. pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)			
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN	
001																																		2.5 / 5 / 10
002																																		2.5 / 5 / 10
003																																		2.5 / 5 / 10
004																																		2.5 / 5 / 10
005																																		2.5 / 5 / 10
006																																		2.5 / 5 / 10
007																																		2.5 / 5 / 10
008																																		2.5 / 5 / 10
009																																		2.5 / 5 / 10
010																																		2.5 / 5 / 10
011																																		2.5 / 5 / 10
012																																		2.5 / 5 / 10
013																																		2.5 / 5 / 10
014																																		2.5 / 5 / 10
015																																		2.5 / 5 / 10
016																																		2.5 / 5 / 10
017																																		2.5 / 5 / 10
018																																		2.5 / 5 / 10
019																																		2.5 / 5 / 10
020																																		2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

 Client Name: TRC
WO#: 40226057


40226057

 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 92 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

 Cooler Temperature Uncorr: 4.5 / Corr: 4.5

 Temp Blank Present: yes no

 Biological Tissue is Frozen: yes no

Person examining contents:

 Date: 4/30/21 / Initials: [Signature]

 Labeled By Initials: [Signature]

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- 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.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>001 time 1036</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>04/30/21</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): _____		

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

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 logir

June 10, 2021

Andrew Stehn
TRC Madison
708 Heartland Trail
Madison, WI 53717

RE: Project: 419610 PH2 TASK2 MKC-OMM
Pace Project No.: 40227869

Dear Andrew Stehn:

Enclosed are the analytical results for sample(s) received by the laboratory on June 03, 2021. 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

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CERTIFICATIONS

Project: 419610 PH2 TASK2 MKC-OMM

Pace Project No.: 40227869

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

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 419610 PH2 TASK2 MKC-OMM
Pace Project No.: 40227869

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40227869001	EFFLUENT	Water	06/02/21 13:43	06/03/21 08:25
40227869002	INFLUENT	Water	06/02/21 13:50	06/03/21 08:25
40227869003	TRIP BLANK	Water	06/02/21 00:00	06/03/21 08:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 419610 PH2 TASK2 MKC-OMM

Pace Project No.: 40227869

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40227869001	EFFLUENT	EPA 625 SIM	RJN	14
		EPA 624.1	LAP	21
40227869002	INFLUENT	EPA 625 SIM	RJN	14
		EPA 624.1	LAP	21
40227869003	TRIP BLANK	EPA 624.1	LAP	21

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 419610 PH2 TASK2 MKC-OMM

Pace Project No.: 40227869

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40227869001	EFFLUENT					
EPA 625 SIM	Benzo(b)fluoranthene	0.0060J	ug/L	0.026	06/07/21 21:27	
EPA 625 SIM	Benzo(g,h,i)perylene	0.014J	ug/L	0.031	06/07/21 21:27	
EPA 625 SIM	Benzo(k)fluoranthene	0.0080J	ug/L	0.035	06/07/21 21:27	
EPA 625 SIM	Dibenz(a,h)anthracene	0.048	ug/L	0.046	06/07/21 21:27	
EPA 625 SIM	Indeno(1,2,3-cd)pyrene	0.034J	ug/L	0.081	06/07/21 21:27	
EPA 624.1	Tetrachloroethene	8.2	ug/L	1.0	06/09/21 12:29	
EPA 624.1	Trichloroethene	1.7	ug/L	1.0	06/09/21 12:29	
40227869002	INFLUENT					
EPA 625 SIM	Dibenz(a,h)anthracene	0.024J	ug/L	0.049	06/07/21 21:46	
EPA 624.1	Tetrachloroethene	971	ug/L	20.0	06/09/21 10:36	
EPA 624.1	Trichloroethene	102	ug/L	20.0	06/09/21 10:36	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 419610 PH2 TASK2 MKC-OMM

Pace Project No.: 40227869

Method: EPA 625 SIM

Description: 625 MSSV PAH by SIM

Client: TRC - MADISON

Date: June 10, 2021

General Information:

2 samples were analyzed for EPA 625 SIM 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.

Sample Preparation:

The samples were prepared in accordance with EPA 625 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits 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.

Additional Comments:

Batch Comments:

- A MS/MSD was extracted with this batch but it is reported with a different analytical batch
- QC Batch: 387207

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 419610 PH2 TASK2 MKC-OMM

Pace Project No.: 40227869

Method: EPA 624.1

Description: 624.1 Volatile Organics

Client: TRC - MADISON

Date: June 10, 2021

General Information:

3 samples were analyzed for EPA 624.1 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.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits 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.

Additional Comments:

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: 419610 PH2 TASK2 MKC-OMM
Pace Project No.: 40227869

Sample: EFFLUENT **Lab ID: 40227869001** Collected: 06/02/21 13:43 Received: 06/03/21 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV PAH by SIM									
Analytical Method: EPA 625 SIM Preparation Method: EPA 625									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	<0.0069	ug/L	0.035	0.0069	1	06/04/21 11:20	06/07/21 21:27	56-55-3	
Benzo(a)pyrene	<0.0097	ug/L	0.048	0.0097	1	06/04/21 11:20	06/07/21 21:27	50-32-8	
Benzo(b)fluoranthene	0.0060J	ug/L	0.026	0.0053	1	06/04/21 11:20	06/07/21 21:27	205-99-2	
Benzo(g,h,i)perylene	0.014J	ug/L	0.031	0.0062	1	06/04/21 11:20	06/07/21 21:27	191-24-2	
Benzo(k)fluoranthene	0.0080J	ug/L	0.035	0.0069	1	06/04/21 11:20	06/07/21 21:27	207-08-9	
Chrysene	<0.012	ug/L	0.060	0.012	1	06/04/21 11:20	06/07/21 21:27	218-01-9	
Dibenz(a,h)anthracene	0.048	ug/L	0.046	0.0092	1	06/04/21 11:20	06/07/21 21:27	53-70-3	
Fluoranthene	<0.0098	ug/L	0.049	0.0098	1	06/04/21 11:20	06/07/21 21:27	206-44-0	
Indeno(1,2,3-cd)pyrene	0.034J	ug/L	0.081	0.016	1	06/04/21 11:20	06/07/21 21:27	193-39-5	
Naphthalene	<0.017	ug/L	0.084	0.017	1	06/04/21 11:20	06/07/21 21:27	91-20-3	
Phenanthrene	<0.013	ug/L	0.063	0.013	1	06/04/21 11:20	06/07/21 21:27	85-01-8	
Pyrene	<0.0070	ug/L	0.035	0.0070	1	06/04/21 11:20	06/07/21 21:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	39-120		1	06/04/21 11:20	06/07/21 21:27	321-60-8	
Terphenyl-d14 (S)	87	%	10-159		1	06/04/21 11:20	06/07/21 21:27	1718-51-0	
624.1 Volatile Organics									
Analytical Method: EPA 624.1									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		06/09/21 12:29	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		06/09/21 12:29	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		06/09/21 12:29	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		06/09/21 12:29	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		06/09/21 12:29	56-23-5	
Chloroform	<1.2	ug/L	5.0	1.2	1		06/09/21 12:29	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		06/09/21 12:29	74-87-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		06/09/21 12:29	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		06/09/21 12:29	75-35-4	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		06/09/21 12:29	100-41-4	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		06/09/21 12:29	79-34-5	
Tetrachloroethene	8.2	ug/L	1.0	0.41	1		06/09/21 12:29	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		06/09/21 12:29	108-88-3	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		06/09/21 12:29	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		06/09/21 12:29	79-00-5	
Trichloroethene	1.7	ug/L	1.0	0.32	1		06/09/21 12:29	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		06/09/21 12:29	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		06/09/21 12:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		06/09/21 12:29	460-00-4	
Toluene-d8 (S)	96	%	70-130		1		06/09/21 12:29	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		06/09/21 12:29	2199-69-1	

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ANALYTICAL RESULTS

Project: 419610 PH2 TASK2 MKC-OMM
Pace Project No.: 40227869

Sample: INFLUENT **Lab ID: 40227869002** Collected: 06/02/21 13:50 Received: 06/03/21 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV PAH by SIM									
Analytical Method: EPA 625 SIM Preparation Method: EPA 625									
Pace Analytical Services - Green Bay									
Benzo(a)anthracene	<0.0073	ug/L	0.037	0.0073	1	06/04/21 11:20	06/07/21 21:46	56-55-3	
Benzo(a)pyrene	<0.010	ug/L	0.051	0.010	1	06/04/21 11:20	06/07/21 21:46	50-32-8	
Benzo(b)fluoranthene	<0.0056	ug/L	0.028	0.0056	1	06/04/21 11:20	06/07/21 21:46	205-99-2	
Benzo(g,h,i)perylene	<0.0066	ug/L	0.033	0.0066	1	06/04/21 11:20	06/07/21 21:46	191-24-2	
Benzo(k)fluoranthene	<0.0073	ug/L	0.037	0.0073	1	06/04/21 11:20	06/07/21 21:46	207-08-9	
Chrysene	<0.013	ug/L	0.063	0.013	1	06/04/21 11:20	06/07/21 21:46	218-01-9	
Dibenz(a,h)anthracene	0.024J	ug/L	0.049	0.0097	1	06/04/21 11:20	06/07/21 21:46	53-70-3	
Fluoranthene	<0.010	ug/L	0.052	0.010	1	06/04/21 11:20	06/07/21 21:46	206-44-0	
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.086	0.017	1	06/04/21 11:20	06/07/21 21:46	193-39-5	
Naphthalene	<0.018	ug/L	0.089	0.018	1	06/04/21 11:20	06/07/21 21:46	91-20-3	
Phenanthrene	<0.013	ug/L	0.067	0.013	1	06/04/21 11:20	06/07/21 21:46	85-01-8	
Pyrene	<0.0074	ug/L	0.037	0.0074	1	06/04/21 11:20	06/07/21 21:46	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	58	%	39-120		1	06/04/21 11:20	06/07/21 21:46	321-60-8	
Terphenyl-d14 (S)	82	%	10-159		1	06/04/21 11:20	06/07/21 21:46	1718-51-0	
624.1 Volatile Organics									
Analytical Method: EPA 624.1									
Pace Analytical Services - Green Bay									
Benzene	<5.9	ug/L	20.0	5.9	20		06/09/21 10:36	71-43-2	
Bromodichloromethane	<8.3	ug/L	20.0	8.3	20		06/09/21 10:36	75-27-4	
Bromoform	<76.0	ug/L	100	76.0	20		06/09/21 10:36	75-25-2	
Bromomethane	<23.8	ug/L	100	23.8	20		06/09/21 10:36	74-83-9	
Carbon tetrachloride	<7.4	ug/L	20.0	7.4	20		06/09/21 10:36	56-23-5	
Chloroform	<23.7	ug/L	100	23.7	20		06/09/21 10:36	67-66-3	
Chloromethane	<32.7	ug/L	100	32.7	20		06/09/21 10:36	74-87-3	
1,2-Dichloroethane	<5.8	ug/L	20.0	5.8	20		06/09/21 10:36	107-06-2	
1,1-Dichloroethene	<11.6	ug/L	20.0	11.6	20		06/09/21 10:36	75-35-4	
Ethylbenzene	<6.5	ug/L	20.0	6.5	20		06/09/21 10:36	100-41-4	
1,1,2,2-Tetrachloroethane	<7.6	ug/L	20.0	7.6	20		06/09/21 10:36	79-34-5	
Tetrachloroethene	971	ug/L	20.0	8.2	20		06/09/21 10:36	127-18-4	
Toluene	<5.8	ug/L	20.0	5.8	20		06/09/21 10:36	108-88-3	
1,1,1-Trichloroethane	<6.1	ug/L	20.0	6.1	20		06/09/21 10:36	71-55-6	
1,1,2-Trichloroethane	<6.9	ug/L	100	6.9	20		06/09/21 10:36	79-00-5	
Trichloroethene	102	ug/L	20.0	6.4	20		06/09/21 10:36	79-01-6	
Vinyl chloride	<3.5	ug/L	20.0	3.5	20		06/09/21 10:36	75-01-4	
Xylene (Total)	<21.0	ug/L	60.0	21.0	20		06/09/21 10:36	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		20		06/09/21 10:36	460-00-4	
Toluene-d8 (S)	97	%	70-130		20		06/09/21 10:36	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		20		06/09/21 10:36	2199-69-1	

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ANALYTICAL RESULTS

Project: 419610 PH2 TASK2 MKC-OMM

Pace Project No.: 40227869

Sample: TRIP BLANK **Lab ID: 40227869003** Collected: 06/02/21 00:00 Received: 06/03/21 08:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics									
Analytical Method: EPA 624.1									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		06/09/21 13:25	71-43-2	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		06/09/21 13:25	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		06/09/21 13:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		06/09/21 13:25	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		06/09/21 13:25	56-23-5	
Chloroform	<1.2	ug/L	5.0	1.2	1		06/09/21 13:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		06/09/21 13:25	74-87-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		06/09/21 13:25	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		06/09/21 13:25	75-35-4	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		06/09/21 13:25	100-41-4	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		06/09/21 13:25	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		06/09/21 13:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		06/09/21 13:25	108-88-3	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		06/09/21 13:25	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		06/09/21 13:25	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		06/09/21 13:25	79-01-6	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		06/09/21 13:25	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		06/09/21 13:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		06/09/21 13:25	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		06/09/21 13:25	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		06/09/21 13:25	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 419610 PH2 TASK2 MKC-OMM
Pace Project No.: 40227869

QC Batch: 387234 Analysis Method: EPA 624.1
QC Batch Method: EPA 624.1 Analysis Description: 624.1 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40227869001, 40227869002, 40227869003

METHOD BLANK: 2233998 Matrix: Water
Associated Lab Samples: 40227869001, 40227869002, 40227869003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<0.30	1.0	06/09/21 09:40	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	06/09/21 09:40	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	06/09/21 09:40	
1,1-Dichloroethene	ug/L	<0.58	1.0	06/09/21 09:40	
1,2-Dichloroethane	ug/L	<0.29	1.0	06/09/21 09:40	
Benzene	ug/L	<0.30	1.0	06/09/21 09:40	
Bromodichloromethane	ug/L	<0.42	1.0	06/09/21 09:40	
Bromoform	ug/L	<3.8	5.0	06/09/21 09:40	
Bromomethane	ug/L	<1.2	5.0	06/09/21 09:40	
Carbon tetrachloride	ug/L	<0.37	1.0	06/09/21 09:40	
Chloroform	ug/L	<1.2	5.0	06/09/21 09:40	
Chloromethane	ug/L	<1.6	5.0	06/09/21 09:40	
Ethylbenzene	ug/L	<0.33	1.0	06/09/21 09:40	
Tetrachloroethene	ug/L	<0.41	1.0	06/09/21 09:40	
Toluene	ug/L	<0.29	1.0	06/09/21 09:40	
Trichloroethene	ug/L	<0.32	1.0	06/09/21 09:40	
Vinyl chloride	ug/L	<0.17	1.0	06/09/21 09:40	
Xylene (Total)	ug/L	<1.0	3.0	06/09/21 09:40	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	06/09/21 09:40	
4-Bromofluorobenzene (S)	%	99	70-130	06/09/21 09:40	
Toluene-d8 (S)	%	98	70-130	06/09/21 09:40	

LABORATORY CONTROL SAMPLE: 2233999

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.8	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	52.4	105	70-130	
1,1-Dichloroethene	ug/L	50	48.9	98	50-150	
1,2-Dichloroethane	ug/L	50	52.1	104	70-130	
Benzene	ug/L	50	49.6	99	65-135	
Bromodichloromethane	ug/L	50	51.4	103	65-135	
Bromoform	ug/L	50	53.5	107	70-130	
Bromomethane	ug/L	50	50.7	101	15-185	
Carbon tetrachloride	ug/L	50	54.0	108	70-130	
Chloroform	ug/L	50	52.8	106	70-135	
Chloromethane	ug/L	50	43.0	86	10-200	
Ethylbenzene	ug/L	50	52.1	104	60-140	
Tetrachloroethene	ug/L	50	52.8	106	70-130	

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QUALITY CONTROL DATA

Project: 419610 PH2 TASK2 MKC-OMM

Pace Project No.: 40227869

LABORATORY CONTROL SAMPLE: 2233999

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	51.8	104	70-130	
Trichloroethene	ug/L	50	50.0	100	65-135	
Vinyl chloride	ug/L	50	44.4	89	10-195	
Xylene (Total)	ug/L	150	159	106	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2235524 2235525

Parameter	Units	40227869001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	% Rec					
1,1,1-Trichloroethane	ug/L	<0.30	50	50	54.5	56.0	109	112	70-130	3	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	40.5	44.7	81	89	66-130	10	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	45.5	47.5	91	95	70-130	4	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	48.4	50.0	97	100	76-132	3	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	48.9	51.0	98	102	70-130	4	20		
Benzene	ug/L	<0.30	50	50	48.6	51.0	97	102	70-132	5	20		
Bromodichloromethane	ug/L	<0.42	50	50	50.0	51.8	100	104	70-130	3	20		
Bromoform	ug/L	<3.8	50	50	49.5	52.1	99	104	65-130	5	20		
Bromomethane	ug/L	<1.2	50	50	49.2	53.1	98	106	44-128	8	21		
Carbon tetrachloride	ug/L	<0.37	50	50	56.3	58.9	113	118	70-132	5	20		
Chloroform	ug/L	<1.2	50	50	51.7	54.1	103	108	80-122	4	20		
Chloromethane	ug/L	<1.6	50	50	38.6	40.6	77	81	17-149	5	20		
Ethylbenzene	ug/L	<0.33	50	50	49.9	53.2	100	106	80-123	6	20		
Tetrachloroethene	ug/L	8.2	50	50	59.5	63.7	102	111	70-130	7	20		
Toluene	ug/L	<0.29	50	50	49.1	52.1	98	104	80-121	6	20		
Trichloroethene	ug/L	1.7	50	50	51.9	54.2	100	105	70-130	4	20		
Vinyl chloride	ug/L	<0.17	50	50	43.6	46.2	87	92	61-143	6	20		
Xylene (Total)	ug/L	<1.0	150	150	151	161	101	108	70-130	7	20		
1,2-Dichlorobenzene-d4 (S)	%						98	100	70-130				
4-Bromofluorobenzene (S)	%						95	98	70-130				
Toluene-d8 (S)	%						99	100	70-130				

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QUALITY CONTROL DATA

Project: 419610 PH2 TASK2 MKC-OMM
Pace Project No.: 40227869

QC Batch: 387146 Analysis Method: EPA 625 SIM
QC Batch Method: EPA 625 Analysis Description: 625 Water PAH
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40227869001, 40227869002

METHOD BLANK: 2233252 Matrix: Water

Associated Lab Samples: 40227869001, 40227869002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzo(a)anthracene	ug/L	<0.0076	0.038	06/04/21 15:15	
Benzo(a)pyrene	ug/L	<0.011	0.053	06/04/21 15:15	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	06/04/21 15:15	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	06/04/21 15:15	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	06/04/21 15:15	
Chrysene	ug/L	<0.013	0.065	06/04/21 15:15	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	06/04/21 15:15	
Fluoranthene	ug/L	0.015J	0.053	06/04/21 15:15	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	06/04/21 15:15	
Naphthalene	ug/L	0.035J	0.092	06/04/21 15:15	
Phenanthrene	ug/L	<0.014	0.069	06/04/21 15:15	
Pyrene	ug/L	<0.0076	0.038	06/04/21 15:15	
2-Fluorobiphenyl (S)	%	66	39-120	06/04/21 15:15	
Terphenyl-d14 (S)	%	87	10-159	06/04/21 15:15	

LABORATORY CONTROL SAMPLE: 2233253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	2	1.4	72	47-118	
Benzo(a)pyrene	ug/L	2	1.8	88	70-120	
Benzo(b)fluoranthene	ug/L	2	1.5	74	54-97	
Benzo(g,h,i)perylene	ug/L	2	0.65	32	26-74	
Benzo(k)fluoranthene	ug/L	2	2.0	101	73-126	
Chrysene	ug/L	2	2.1	106	75-151	
Dibenz(a,h)anthracene	ug/L	2	0.56	28	13-72	
Fluoranthene	ug/L	2	2.0	101	63-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.3	67	51-101	
Naphthalene	ug/L	2	1.7	84	41-120	
Phenanthrene	ug/L	2	1.7	84	47-100	
Pyrene	ug/L	2	1.7	84	70-128	
2-Fluorobiphenyl (S)	%			85	39-120	
Terphenyl-d14 (S)	%			102	10-159	

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QUALIFIERS

Project: 419610 PH2 TASK2 MKC-OMM

Pace Project No.: 40227869

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.

BATCH QUALIFIERS

Batch: 387207

[1] A MS/MSD was extracted with this batch but it is reported with a different analytical batch

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 419610 PH2 TASK2 MKC-OMM
Pace Project No.: 40227869

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40227869001	EFFLUENT	EPA 625	387146	EPA 625 SIM	387207
40227869002	INFLUENT	EPA 625	387146	EPA 625 SIM	387207
40227869001	EFFLUENT	EPA 624.1	387234		
40227869002	INFLUENT	EPA 624.1	387234		
40227869003	TRIP BLANK	EPA 624.1	387234		

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(Please Print Clearly)

Company Name: TRC
 Branch/Location: Madison, WI
 Project Contact: Andrew Stern
 Phone: 608-826-3665
 Project Number: 419610 Ph 2 Tsk 2
 Project Name: MUC - Omm
 Project State: WI
 Sampled By (Print): Andrew Stern
 Sampled By (Sign): *Andrew Stern*
 PO #: 162076 Regulatory Program:



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40227869

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	N	N																
Pick Letter	B	A																
Analyses Requested	VOCs	PAHs																

Quote #:
 Mail To Contact: Andrew Stern
 Mail To Company: TRC
 Mail To Address: 708 Heartland Trail Suite 300, Madison, WI
 Invoice To Contact:
 Invoice To Company:
 Invoice To Address: Some as above
 Invoice To Phone: 608-807-8112
 CLIENT COMMENTS:
 LAB COMMENTS (Lab Use Only):
 Profile #:

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PAGE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested												
		DATE	TIME																
001	EFFLUENT	6/2/21	1343	GW			X	X											
002	INFLUENT	6/2/21	1350	GW			X	X											
003	TRIP BLANK	-	-	-			X												

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>Andrew Stern</i> TRC Date/Time: 6/2/21 15:33	Received By: Date/Time:	PACE Project No. 40227869
	Transmit Prelim Rush Results by (complete what you want): CS Logistics 6/3/21 0825	Received By: Kendra Space 6/3/21 0825	
Email #1:	Relinquished By: Date/Time:	Received By: Date/Time:	Sample Receipt pH OK / Adjusted
Email #2:	Relinquished By: Date/Time:	Received By: Date/Time:	Cooler Custody Seal Present / Not Present Intact / Not Intact
Telephone:	Relinquished By: Date/Time:	Received By: Date/Time:	
Fax:	Relinquished By: Date/Time:	Received By: Date/Time:	

Samples on HOLD are subject to special pricing and release of liability

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: TRC

Project # 40227869

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed: EA Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass						Plastic					Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)										
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU								WPFU	SP5T	ZPLC	GN						
001																																							2.5 / 5 / 10
002																																							2.5 / 5 / 10
003																																							2.5 / 5 / 10
004																																							2.5 / 5 / 10
005																																							2.5 / 5 / 10
006																																							2.5 / 5 / 10
007																																							2.5 / 5 / 10
008																																							2.5 / 5 / 10
009																																							2.5 / 5 / 10
010																																							2.5 / 5 / 10
011																																							2.5 / 5 / 10
012																																							2.5 / 5 / 10
013																																							2.5 / 5 / 10
014																																							2.5 / 5 / 10
015																																							2.5 / 5 / 10
016																																							2.5 / 5 / 10
017																																							2.5 / 5 / 10
018																																							2.5 / 5 / 10
019																																							2.5 / 5 / 10
020																																							2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: TRC

WO# : 40227869

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



Tracking #: 2863-060221

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 - 9 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 0 /Corr: 1

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents: Date: <u>6/13/21</u> / Initials: <u>LEJ</u> Labeled By Initials: <u>SRK</u>

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.
- 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.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>459</u>		

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 logir

Attachment 5
Soil Vapor Probe Abandonment Forms

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other _____

1. Well Location Information **2. Facility / Owner Information**

County Dane		WI Unique Well # of Removed Well (150 D)		Hicap #		Facility Name Madison-Kipp Corporation - Soil Vapor Probes			
Latitude / Longitude (see instructions) ° N ° W		Format Code <input checked="" type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input checked="" type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)			
1/4 / 1/4 NW or Gov't Lot #		1/4 SW		Section 5		Township 7		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 150 South Marquette Street						Original Well Owner			
Well City, Village or Town Madison						Present Well Owner			
Subdivision Name						Well ZIP Code 53704			
Reason For Removal From Service soil vapor probe no longer used						WI Unique Well # of Replacement Well			
3. Filled & Sealed Well / Drillhole / Borehole Information <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole						4. Pump, Liner, Screen, Casing & Sealing Material Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Original Construction Date (mm/dd/yyyy) If a Well Construction Report is available, please attach.						Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)			
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) direct push						Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock						For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
Total Well Depth From Ground Surface (ft) 7.9		Casing Diameter (in.)				Sealing Materials		No. Yards, Sacks Sealant or Volume (circle one) 0.04 cubic feet	
Lower Drillhole Diameter (in.) 1.0		Casing Depth (ft.)				Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, to what depth (feet)?		Mix Ratio or Mud Weight	
Depth to Water (feet)		5. Material Used to Fill Well / Drillhole				From (ft.) To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)	

4. Pump, Liner, Screen, Casing & Sealing Material

Reason For Removal From Service soil vapor probe no longer used						WI Unique Well # of Replacement Well			
3. Filled & Sealed Well / Drillhole / Borehole Information <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole						4. Pump, Liner, Screen, Casing & Sealing Material Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Original Construction Date (mm/dd/yyyy) If a Well Construction Report is available, please attach.						Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)			
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) direct push						Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock						For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
Total Well Depth From Ground Surface (ft) 7.9		Casing Diameter (in.)				Sealing Materials		No. Yards, Sacks Sealant or Volume (circle one) 0.04 cubic feet	
Lower Drillhole Diameter (in.) 1.0		Casing Depth (ft.)				Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If yes, to what depth (feet)?		Mix Ratio or Mud Weight	
Depth to Water (feet)		5. Material Used to Fill Well / Drillhole				From (ft.) To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" bentonite chips	Surface	7.9	0.04 cubic feet	

6. Comments

7. Supervision of Work **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing TRC Environmental		License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) 06/25/2021		Date Received		Noted By	
Street or Route 708 Heartland Trail Suite 3000				Telephone Number 608-826-3600		Comments			
City Madison		State WI		ZIP Code 53717		Signature of Person Doing Work <i>Ben Wachholz</i>		Date Signed 7/12/2021	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return this form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other _____

1. Well Location Information **2. Facility / Owner Information**

County Dane		WI Unique Well # of Removed Well (150 S)		Hicap #		Facility Name Madison-Kipp Corporation - Soil Vapor Probes			
Latitude / Longitude (see instructions) ° N ° W		Format Code <input checked="" type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input checked="" type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS)			
¼ / ¼ NW or Gov't Lot #		¼ SW		Section 5		Township 7		Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address 150 South Marquette Street						Present Well Owner			
Well City, Village or Town Madison						Mailing Address of Present Owner			
Subdivision Name						Well ZIP Code 53704		City of Present Owner	
Reason For Removal From Service soil vapor probe no longer used						WI Unique Well # of Replacement Well		State	
Subdivision Name						Lot #		ZIP Code	

3. Filled & Sealed Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy)		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) direct push		If a Well Construction Report is available, please attach.		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain)	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Total Well Depth From Ground Surface (ft) 6.2		Casing Diameter (in.)	
Lower Drillhole Diameter (in.) 1.0		Casing Depth (ft.)		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Depth to Water (feet)		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" bentonite chips	Surface	6.2	0.03 cubic feet	

6. Comments

7. Supervision of Work **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing TRC Environmental		License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) 06/25/2021		Date Received		Noted By	
Street or Route 708 Heartland Trail Suite 3000				Telephone Number 608-826-3600		Comments			
City Madison		State WI		ZIP Code 53717		Signature of Person Doing Work <i>Ben Wachholz</i>		Date Signed 7/12/2021	

Attachment 6
Historical Groundwater Summary Table

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 06/07/2021
Checked By: L. Auner 06/08/2021

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 7

Semi-Annual Groundwater Monitoring Laboratory Analytical Reports



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

May 25, 2021

Andrew Stehn
TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison, WI 53717
RE: Madison Kipp Corporation - Madison, WI

Enclosed are the analytical results for the samples received by the laboratory on 04/16/2021.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

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

Sincerely,

Jessica Esser
Project Manager

Certification List			Expires
DODELAP	DOD ELAP Accreditation (A2LA)	3269.01	03/31/2022
ILEPA	Illinois Secondary NELAP Accreditation	004366	04/30/2022
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2022
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2021
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2021
NYDOH	New York Department of Health	12110	04/01/2022
TCEQ	Texas Secondary NELAP Accreditation	T104704504-20-11	11/30/2021
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2021

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-3D-202104	A211528-01	Water	04/14/2021	04/16/2021
MW-4S-202104	A211528-02	Water	04/13/2021	04/16/2021
MW-4D-202104	A211528-03	Water	04/13/2021	04/16/2021
MW-5S-202104	A211528-04	Water	04/14/2021	04/16/2021
MW-6S-202104	A211528-05	Water	04/15/2021	04/16/2021
MW-11S-202104	A211528-06	Water	04/16/2021	04/16/2021
MW-24-202104	A211528-07	Water	04/16/2021	04/16/2021
MW-29S-202104	A211528-08	Water	04/15/2021	04/16/2021
DUP-02-202104	A211528-09	Water	04/15/2021	04/16/2021
FB-02-202104	A211528-10	Water	04/15/2021	04/16/2021
MW-2D-202104	A211528-11	Water	04/15/2021	04/16/2021
MW-3D-202104	A211528-12	Water	04/14/2021	04/16/2021
MW-3D2-202104	A211528-13	Water	04/14/2021	04/16/2021
MW-4D2-202104	A211528-14	Water	04/14/2021	04/16/2021
MW-5D-202104	A211528-15	Water	04/14/2021	04/16/2021
MW-5D2-202104	A211528-16	Water	04/14/2021	04/16/2021
MW-5D3-202104	A211528-17	Water	04/14/2021	04/16/2021
MW-6D-202104	A211528-18	Water	04/15/2021	04/16/2021
MW-9D2-202104	A211528-19	Water	04/14/2021	04/16/2021
MW-17-202104	A211528-20	Water	04/15/2021	04/16/2021
MW-25D2-202104	A211528-21	Water	04/12/2021	04/16/2021
MW-27D-202104	A211528-22	Water	04/13/2021	04/16/2021
MP-14_135-140_202104	A211528-23	Water	04/12/2021	04/16/2021
MP-16_140-144_202104	A211528-24	Water	04/12/2021	04/16/2021
DUP-01-202104	A211528-25	Water	04/15/2021	04/16/2021
DUP-03-202104	A211528-26	Water	04/15/2021	04/16/2021
FB-01-202104	A211528-27	Water	04/15/2021	04/16/2021
Trip Blank-202104	A211528-28	Water	04/15/2021	04/16/2021

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

CASE NARRATIVE

Sample Receipt Information:

28 samples were received on 04/16/2021. Samples were received in acceptable condition, with the exceptions noted below.

Sample A211528-01 had a discrepancy between the collection date and time on the chain of custody (COC) versus the container. Per the client, the container collection date and time are correct.

VOC and TSS/TDS analysis was subcontracted to Pace Analytical in Green Bay, WI. Please see their appended report for quality control results.

Please see the chain of custody (COC) document at the end of this report for additional information.

Additional Comments:

Samples A211528-01 through A211528-10 were re-extracted and re-analyzed for the PCB analysis due to surrogate failures. This report contains the re-extracted and re-analyzed results.

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-3D-202104

Date Sampled

A211528-01 (Water)

04/14/2021 15:40

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

SM 2540C

Preparation Batch:WET 42115

Total Dissolved Solids	654	8.7	20.0	mg/L	1	04/20/2021	04/20/2021 15:05	SM 2540C	
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SM 2540D

Preparation Batch:WET 42108

Total Suspended Solids	3.6	0.95	2.0	mg/L	1	04/20/2021	04/20/2021 09:08	SM 2540D	
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TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-3D-202104
A211528-01RE1 (Water)

Date Sampled
04/14/2021 15:40

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 05:40	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 05:40	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 05:40	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 05:40	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 05:40	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 05:40	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 05:40	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 05:40	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			97.2 %	60.7-128		05/11/2021	05/22/2021 05:40	EPA 8082A	
Surrogate: Decachlorobiphenyl			94.9 %	57.1-151		05/11/2021	05/22/2021 05:40	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-4S-202104

Date Sampled

A211528-02 (Water)

04/13/2021 16:17

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

SM 2540C

Preparation Batch:WET 42115

Total Dissolved Solids	1990	8.7	20.0	mg/L	1	04/20/2021	04/20/2021 15:05	SM 2540C	
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SM 2540D

Preparation Batch:WET 42108

Total Suspended Solids	6.2	0.95	2.0	mg/L	1	04/20/2021	04/20/2021 09:08	SM 2540D	
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TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-4S-202104
A211528-02RE1 (Water)

Date Sampled
04/13/2021 16:17

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 06:06	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 06:06	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 06:06	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 06:06	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 06:06	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 06:06	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 06:06	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 06:06	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			86.8 %	60.7-128		05/11/2021	05/22/2021 06:06	EPA 8082A	
Surrogate: Decachlorobiphenyl			86.1 %	57.1-151		05/11/2021	05/22/2021 06:06	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-4D-202104

Date Sampled

A211528-03 (Water)

04/13/2021 14:42

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

SM 2540C

Preparation Batch:WET 42115

Total Dissolved Solids	1200	8.7	20.0	mg/L	1	04/20/2021	04/20/2021 15:06	SM 2540C	
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SM 2540D

Preparation Batch:WET 42108

Total Suspended Solids	1.2	0.95	2.0	mg/L	1	04/20/2021	04/20/2021 09:08	SM 2540D	J
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TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-4D-202104
A211528-03RE1 (Water)

Date Sampled
04/13/2021 14:42

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 06:32	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 06:32	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 06:32	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 06:32	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 06:32	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 06:32	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 06:32	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 06:32	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			88.6 %	60.7-128		05/11/2021	05/22/2021 06:32	EPA 8082A	
Surrogate: Decachlorobiphenyl			86.6 %	57.1-151		05/11/2021	05/22/2021 06:32	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-5S-202104

Date Sampled

A211528-04 (Water)

04/14/2021 10:53

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

SM 2540C

Preparation Batch:WET 42115

Total Dissolved Solids	850	8.7	20.0	mg/L	1	04/20/2021	04/20/2021 15:06	SM 2540C	
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SM 2540D

Preparation Batch:WET 42108

Total Suspended Solids	1.0	0.95	2.0	mg/L	1	04/20/2021	04/20/2021 09:08	SM 2540D	J
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TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-5S-202104
A211528-04RE1 (Water)

Date Sampled
04/14/2021 10:53

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 06:58	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 06:58	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 06:58	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 06:58	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 06:58	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 06:58	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 06:58	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 06:58	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			98.2 %	60.7-128		05/11/2021	05/22/2021 06:58	EPA 8082A	
Surrogate: Decachlorobiphenyl			95.5 %	57.1-151		05/11/2021	05/22/2021 06:58	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-6S-202104

Date Sampled

A211528-05 (Water)

04/15/2021 12:27

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

SM 2540C

Preparation Batch:WET 42142

Total Dissolved Solids	9640	86.7	200	mg/L	1	04/22/2021	04/22/2021 13:58	SM 2540C	
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SM 2540D

Preparation Batch:WET 42122

Total Suspended Solids	6.0	0.95	2.0	mg/L	1	04/21/2021	04/21/2021 10:28	SM 2540D	
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TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-6S-202104
A211528-05RE1 (Water)

Date Sampled
04/15/2021 12:27

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 07:24	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 07:24	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 07:24	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 07:24	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 07:24	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 07:24	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 07:24	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 07:24	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			85.1 %	60.7-128		05/11/2021	05/22/2021 07:24	EPA 8082A	
Surrogate: Decachlorobiphenyl			87.0 %	57.1-151		05/11/2021	05/22/2021 07:24	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-11S-202104

Date Sampled

A211528-06 (Water)

04/16/2021 13:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

SM 2540C

Preparation Batch:WET 42126

Total Dissolved Solids	1010	8.7	20.0	mg/L	1	04/21/2021	04/21/2021 12:38	SM 2540C	
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SM 2540D

Preparation Batch:WET 42122

Total Suspended Solids	2.0	0.95	2.0	mg/L	1	04/21/2021	04/21/2021 10:28	SM 2540D	
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TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-11S-202104
A211528-06RE1 (Water)

Date Sampled
04/16/2021 13:30

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 08:44	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 08:44	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 08:44	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 08:44	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 08:44	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 08:44	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 08:44	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 08:44	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			75.7 %	60.7-128		05/11/2021	05/22/2021 08:44	EPA 8082A	
Surrogate: Decachlorobiphenyl			87.6 %	57.1-151		05/11/2021	05/22/2021 08:44	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-24-202104

Date Sampled

A211528-07 (Water)

04/16/2021 12:18

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

SM 2540C

Preparation Batch:WET 42126

Total Dissolved Solids	1370	8.7	20.0	mg/L	1	04/21/2021	04/21/2021 12:38	SM 2540C	
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SM 2540D

Preparation Batch:WET 42122

Total Suspended Solids	5.2	0.95	2.0	mg/L	1	04/21/2021	04/21/2021 10:28	SM 2540D	
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TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-24-202104
A211528-07RE1 (Water)

Date Sampled
04/16/2021 12:18

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 09:10	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 09:10	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 09:10	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 09:10	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 09:10	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 09:10	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 09:10	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 09:10	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			78.9 %	60.7-128		05/11/2021	05/22/2021 09:10	EPA 8082A	
Surrogate: Decachlorobiphenyl			81.4 %	57.1-151		05/11/2021	05/22/2021 09:10	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-29S-202104

Date Sampled

A211528-08 (Water)

04/15/2021 15:56

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

SM 2540C

Preparation Batch:WET 42126

Total Dissolved Solids	1440	8.7	20.0	mg/L	1	04/21/2021	04/21/2021 12:39	SM 2540C	
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SM 2540D

Preparation Batch:WET 42122

Total Suspended Solids	2.4	0.95	2.0	mg/L	1	04/21/2021	04/21/2021 10:28	SM 2540D	
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TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-29S-202104

Date Sampled

A211528-08RE1 (Water)

04/15/2021 15:56

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 09:36	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 09:36	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 09:36	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 09:36	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 09:36	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 09:36	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 09:36	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 09:36	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			82.1 %	60.7-128		05/11/2021	05/22/2021 09:36	EPA 8082A	
Surrogate: Decachlorobiphenyl			91.4 %	57.1-151		05/11/2021	05/22/2021 09:36	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

DUP-02-202104

Date Sampled

A211528-09 (Water)

04/15/2021 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

SM 2540C

Preparation Batch:WET 42142

Total Dissolved Solids	7260	86.7	200	mg/L	1	04/22/2021	04/22/2021 13:59	SM 2540C	
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SM 2540D

Preparation Batch:WET 42122

Total Suspended Solids	5.8	0.95	2.0	mg/L	1	04/21/2021	04/21/2021 10:29	SM 2540D	
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TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

DUP-02-202104
A211528-09RE1 (Water)

Date Sampled
04/15/2021 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 10:03	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 10:03	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 10:03	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 10:03	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 10:03	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 10:03	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 10:03	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 10:03	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			97.7 %	60.7-128		05/11/2021	05/22/2021 10:03	EPA 8082A	
Surrogate: Decachlorobiphenyl			98.3 %	57.1-151		05/11/2021	05/22/2021 10:03	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

FB-02-202104

Date Sampled

A211528-10 (Water)

04/15/2021 14:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

SM 2540C

Preparation Batch:WET 42126

Total Dissolved Solids	120	8.7	20.0	mg/L	1	04/21/2021	04/21/2021 12:39	SM 2540C	
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SM 2540D

Preparation Batch:WET 42122

Total Suspended Solids	1.2	0.95	2.0	mg/L	1	04/21/2021	04/21/2021 10:29	SM 2540D	J
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TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

FB-02-202104

Date Sampled

A211528-10RE1 (Water)

04/15/2021 14:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 10:29	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 10:29	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 10:29	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 10:29	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 10:29	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 10:29	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 10:29	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 10:29	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			70.2 %	60.7-128		05/11/2021	05/22/2021 10:29	EPA 8082A	
Surrogate: Decachlorobiphenyl			69.4 %	57.1-151		05/11/2021	05/22/2021 10:29	EPA 8082A	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-2D-202104

Date Sampled

A211528-11 (Water)

04/15/2021 16:39

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	0.46	5.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Methyl-tert-butyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Tetrachloroethene	7.0	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
trans-1,2-Dichloroethene	ND	0.53	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Trichloroethene	ND	0.32	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Vinyl chloride	ND	0.17	1.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/20/2021	04/20/2021 20:21	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-3D-202104

Date Sampled

A211528-12 (Water)

04/14/2021 15:46

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
1,1,1,2-Tetrachloroethane	ND	3.6	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,1,1-Trichloroethane	ND	3.0	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	3.8	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,1,2-Trichloroethane	ND	3.4	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	3.8	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,1-Dichloroethane	ND	3.0	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,1-Dichloroethene	ND	5.8	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,1-Dichloropropene	ND	4.1	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,2,3-Trichlorobenzene	ND	10.2	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,2,3-Trichloropropane	ND	5.6	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,2,4-Trichlorobenzene	ND	9.5	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,2,4-Trimethylbenzene	ND	4.5	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	23.7	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,2-Dibromoethane (EDB)	ND	3.1	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,2-Dichlorobenzene	ND	3.3	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,2-Dichloroethane	ND	2.9	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,2-Dichloropropane	ND	4.5	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,3,5-Trimethylbenzene	ND	3.6	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,3-Dichlorobenzene	ND	3.5	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,3-Dichloropropane	ND	3.0	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
1,4-Dichlorobenzene	ND	8.9	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
2,2-Dichloropropane	ND	41.8	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
2-Butanone (MEK)	ND	65.2	250	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
2-Chlorotoluene	ND	8.9	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
2-Hexanone	ND	62.8	250	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
4-Chlorotoluene	ND	8.9	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	59.5	250	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Acetone	ND	86.4	250	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Benzene	ND	3.0	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Bromobenzene	ND	3.6	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Bromochloromethane	ND	3.6	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Bromodichloromethane	ND	4.2	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Bromoform	ND	38.0	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Bromomethane	ND	11.9	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Carbon disulfide	ND	11.0	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Carbon tetrachloride	ND	3.7	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Chlorobenzene	ND	8.6	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Chloroethane	ND	13.8	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Chloroform	ND	11.8	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Chloromethane	ND	16.4	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
cis-1,2-Dichloroethene	49.8	4.7	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
cis-1,3-Dichloropropene	ND	3.6	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Dibromochloromethane	ND	26.4	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Dibromomethane	ND	9.9	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-3D-202104

Date Sampled

A211528-12 (Water)

04/14/2021 15:46

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	4.6	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Diisopropyl ether	ND	11.0	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Ethylbenzene	ND	3.3	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Hexachloro-1,3-butadiene	ND	27.4	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Isopropylbenzene (Cumene)	ND	10.0	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
m&p-Xylene	ND	7.0	20.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Methylene Chloride	ND	3.2	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Methyl-tert-butyl ether	ND	11.3	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Naphthalene	ND	11.3	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
n-Butylbenzene	ND	8.6	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
n-Hexane	ND	14.6	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
n-Propylbenzene	ND	3.5	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
o-Xylene	ND	3.5	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
p-Isopropyltoluene	ND	10.4	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
sec-Butylbenzene	ND	4.2	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Styrene	ND	3.6	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
tert-Butylbenzene	ND	5.9	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Tetrachloroethene	807	4.1	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Tetrahydrofuran	ND	24.2	250	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Toluene	ND	2.9	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
trans-1,2-Dichloroethene	ND	5.3	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
trans-1,3-Dichloropropene	ND	34.6	50.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Trichloroethene	56.4	3.2	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Trichlorofluoromethane	ND	4.2	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Vinyl chloride	ND	1.7	10.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	
Xylene (Total)	ND	10.5	30.0	ug/L	10	04/20/2021	04/20/2021 23:43	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-3D2-202104
A211528-13 (Water)

Date Sampled
04/14/2021 14:38

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,1,1-Trichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	0.38	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,1,2-Trichloroethane	ND	0.34	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	0.38	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,1-Dichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,1-Dichloroethene	ND	0.58	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,1-Dichloropropene	ND	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,2,3-Trichlorobenzene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,2,3-Trichloropropane	ND	0.56	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,2,4-Trichlorobenzene	ND	0.95	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,2,4-Trimethylbenzene	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	2.4	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,2-Dibromoethane (EDB)	ND	0.31	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,2-Dichlorobenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,2-Dichloroethane	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,2-Dichloropropane	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,3,5-Trimethylbenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,3-Dichlorobenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,3-Dichloropropane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
1,4-Dichlorobenzene	ND	0.89	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
2,2-Dichloropropane	ND	4.2	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
2-Butanone (MEK)	ND	6.5	25.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
2-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
2-Hexanone	ND	6.3	25.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
4-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	6.0	25.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Acetone	ND	8.6	25.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Benzene	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Bromobenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Bromochloromethane	ND	0.36	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Bromodichloromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Bromoform	ND	3.8	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Bromomethane	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Carbon disulfide	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Carbon tetrachloride	ND	0.37	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Chlorobenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Chloroethane	ND	1.4	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Chloroform	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Chloromethane	ND	1.6	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
cis-1,2-Dichloroethene	19.5	0.47	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
cis-1,3-Dichloropropene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Dibromochloromethane	ND	2.6	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Dibromomethane	ND	0.99	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-3D2-202104

Date Sampled

A211528-13 (Water)

04/14/2021 14:38

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Dichlorodifluoromethane	2.3	0.46	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	J
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Methyl-tert-butyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Tetrachloroethene	394	4.1	10.0	ug/L	10	04/21/2021	04/21/2021 08:46	EPA 8260	
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
trans-1,2-Dichloroethene	ND	0.53	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Trichloroethene	16.4	0.32	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Vinyl chloride	ND	0.17	1.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/20/2021	04/20/2021 20:43	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-4D2-202104
A211528-14 (Water)

Date Sampled
04/14/2021 13:44

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,1,1-Trichloroethane	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	0.38	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,1,2-Trichloroethane	ND	0.34	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	0.38	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,1-Dichloroethane	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,1-Dichloroethene	ND	0.58	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,1-Dichloropropene	ND	0.41	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,2,3-Trichlorobenzene	ND	1.0	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,2,3-Trichloropropane	ND	0.56	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,2,4-Trichlorobenzene	ND	0.95	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,2,4-Trimethylbenzene	ND	0.45	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	2.4	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,2-Dibromoethane (EDB)	ND	0.31	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,2-Dichlorobenzene	ND	0.33	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,2-Dichloroethane	ND	0.29	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,2-Dichloropropane	ND	0.45	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,3,5-Trimethylbenzene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,3-Dichlorobenzene	ND	0.35	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,3-Dichloropropane	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
1,4-Dichlorobenzene	ND	0.89	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
2,2-Dichloropropane	ND	4.2	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
2-Butanone (MEK)	ND	6.5	25.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
2-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
2-Hexanone	ND	6.3	25.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
4-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	6.0	25.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Acetone	ND	8.6	25.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Benzene	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Bromobenzene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Bromochloromethane	ND	0.36	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Bromodichloromethane	ND	0.42	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Bromoform	ND	3.8	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Bromomethane	ND	1.2	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Carbon disulfide	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Carbon tetrachloride	ND	0.37	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Chlorobenzene	ND	0.86	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Chloroethane	ND	1.4	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Chloroform	ND	1.2	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Chloromethane	ND	1.6	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
cis-1,2-Dichloroethene	ND	0.47	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
cis-1,3-Dichloropropene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Dibromochloromethane	ND	2.6	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Dibromomethane	ND	0.99	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-4D2-202104

Date Sampled

A211528-14 (Water)

04/14/2021 13:44

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	0.46	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Methyl-tert-butyl ether	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Tetrachloroethene	ND	0.41	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
trans-1,2-Dichloroethene	ND	0.53	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Trichloroethene	ND	0.32	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Vinyl chloride	ND	0.17	1.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/21/2021	04/21/2021 08:01	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-5D-202104

Date Sampled

A211528-15 (Water)

04/14/2021 12:12

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,1,1-Trichloroethane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	3.8	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,1,2-Trichloroethane	ND	3.4	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	3.8	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,1-Dichloroethane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,1-Dichloroethene	ND	5.8	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,1-Dichloropropene	ND	4.1	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,2,3-Trichlorobenzene	ND	10.2	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,2,3-Trichloropropane	ND	5.6	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,2,4-Trichlorobenzene	ND	9.5	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,2,4-Trimethylbenzene	ND	4.5	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	23.7	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,2-Dibromoethane (EDB)	ND	3.1	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,2-Dichlorobenzene	ND	3.3	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,2-Dichloroethane	ND	2.9	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,2-Dichloropropane	ND	4.5	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,3,5-Trimethylbenzene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,3-Dichlorobenzene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,3-Dichloropropane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
1,4-Dichlorobenzene	ND	8.9	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
2,2-Dichloropropane	ND	41.8	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
2-Butanone (MEK)	ND	65.2	250	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
2-Chlorotoluene	ND	8.9	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
2-Hexanone	ND	62.8	250	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
4-Chlorotoluene	ND	8.9	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	59.5	250	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Acetone	ND	86.4	250	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Benzene	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Bromobenzene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Bromochloromethane	ND	3.6	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Bromodichloromethane	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Bromoform	ND	38.0	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Bromomethane	ND	11.9	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Carbon disulfide	ND	11.0	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Carbon tetrachloride	ND	3.7	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Chlorobenzene	ND	8.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Chloroethane	ND	13.8	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Chloroform	ND	11.8	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Chloromethane	ND	16.4	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
cis-1,2-Dichloroethene	11.5	4.7	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
cis-1,3-Dichloropropene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Dibromochloromethane	ND	26.4	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Dibromomethane	ND	9.9	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-5D-202104

Date Sampled

A211528-15 (Water)

04/14/2021 12:12

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	4.6	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Diisopropyl ether	ND	11.0	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Ethylbenzene	ND	3.3	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Hexachloro-1,3-butadiene	ND	27.4	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Isopropylbenzene (Cumene)	ND	10.0	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
m&p-Xylene	ND	7.0	20.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Methylene Chloride	ND	3.2	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Methyl-tert-butyl ether	ND	11.3	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Naphthalene	ND	11.3	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
n-Butylbenzene	ND	8.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
n-Hexane	ND	14.6	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
n-Propylbenzene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
o-Xylene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
p-Isopropyltoluene	ND	10.4	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
sec-Butylbenzene	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Styrene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
tert-Butylbenzene	ND	5.9	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Tetrachloroethene	428	4.1	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Tetrahydrofuran	ND	24.2	250	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Toluene	ND	2.9	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
trans-1,2-Dichloroethene	ND	5.3	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
trans-1,3-Dichloropropene	ND	34.6	50.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Trichloroethene	10.9	3.2	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Trichlorofluoromethane	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Vinyl chloride	ND	1.7	10.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	
Xylene (Total)	ND	10.5	30.0	ug/L	10	04/21/2021	04/21/2021 00:06	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-5D2-202104
A211528-16 (Water)

Date Sampled
04/14/2021 13:29

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	8.9	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,1,1-Trichloroethane	ND	7.6	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	9.4	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,1,2-Trichloroethane	ND	8.6	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	9.5	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,1-Dichloroethane	ND	7.4	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,1-Dichloroethene	ND	14.6	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,1-Dichloropropene	ND	10.3	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,2,3-Trichlorobenzene	ND	25.5	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,2,3-Trichloropropane	ND	13.9	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,2,4-Trichlorobenzene	ND	23.8	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,2,4-Trimethylbenzene	ND	11.2	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	59.2	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,2-Dibromoethane (EDB)	ND	7.7	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,2-Dichlorobenzene	ND	8.1	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,2-Dichloroethane	ND	7.3	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,2-Dichloropropane	ND	11.2	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,3,5-Trimethylbenzene	ND	8.9	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,3-Dichlorobenzene	ND	8.8	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,3-Dichloropropane	ND	7.6	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
1,4-Dichlorobenzene	ND	22.3	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
2,2-Dichloropropane	ND	104	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
2-Butanone (MEK)	ND	163	625	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
2-Chlorotoluene	ND	22.2	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
2-Hexanone	ND	157	625	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
4-Chlorotoluene	ND	22.4	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	149	625	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Acetone	ND	216	625	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Benzene	ND	7.4	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Bromobenzene	ND	9.0	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Bromochloromethane	ND	8.9	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Bromodichloromethane	ND	10.4	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Bromoform	ND	95.0	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Bromomethane	ND	29.8	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Carbon disulfide	ND	27.6	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Carbon tetrachloride	ND	9.2	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Chlorobenzene	ND	21.4	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Chloroethane	ND	34.5	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Chloroform	ND	29.6	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Chloromethane	ND	40.9	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
cis-1,2-Dichloroethene	ND	11.8	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
cis-1,3-Dichloropropene	ND	9.0	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Dibromochloromethane	ND	66.1	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Dibromomethane	ND	24.8	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-5D2-202104

Date Sampled

A211528-16 (Water)

04/14/2021 13:29

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	11.4	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Diisopropyl ether	ND	27.5	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Ethylbenzene	ND	8.1	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Hexachloro-1,3-butadiene	ND	68.4	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Isopropylbenzene (Cumene)	ND	25.0	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
m&p-Xylene	ND	17.5	50.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Methylene Chloride	ND	8.0	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Methyl-tert-butyl ether	ND	28.2	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Naphthalene	ND	28.2	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
n-Butylbenzene	ND	21.4	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
n-Hexane	ND	36.6	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
n-Propylbenzene	ND	8.6	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
o-Xylene	ND	8.7	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
p-Isopropyltoluene	ND	26.1	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
sec-Butylbenzene	ND	10.6	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Styrene	ND	8.9	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
tert-Butylbenzene	ND	14.7	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Tetrachloroethene	1780	10.2	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Tetrahydrofuran	ND	60.5	625	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Toluene	ND	7.2	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
trans-1,2-Dichloroethene	ND	13.2	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
trans-1,3-Dichloropropene	ND	86.6	125	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Trichloroethene	19.7	8.0	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	J
Trichlorofluoromethane	ND	10.5	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Vinyl chloride	ND	4.4	25.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	
Xylene (Total)	ND	26.2	75.0	ug/L	25	04/21/2021	04/21/2021 09:09	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-5D3-202104

Date Sampled

A211528-17 (Water)

04/14/2021 11:10

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,1,1-Trichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	0.38	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,1,2-Trichloroethane	ND	0.34	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	0.38	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,1-Dichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,1-Dichloroethene	ND	0.58	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,1-Dichloropropene	ND	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,2,3-Trichlorobenzene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,2,3-Trichloropropane	ND	0.56	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,2,4-Trichlorobenzene	ND	0.95	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,2,4-Trimethylbenzene	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	2.4	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,2-Dibromoethane (EDB)	ND	0.31	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,2-Dichlorobenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,2-Dichloroethane	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,2-Dichloropropane	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,3,5-Trimethylbenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,3-Dichlorobenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,3-Dichloropropane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
1,4-Dichlorobenzene	ND	0.89	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
2,2-Dichloropropane	ND	4.2	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
2-Butanone (MEK)	ND	6.5	25.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
2-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
2-Hexanone	ND	6.3	25.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
4-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	6.0	25.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Acetone	ND	8.6	25.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Benzene	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Bromobenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Bromochloromethane	ND	0.36	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Bromodichloromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Bromoform	ND	3.8	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Bromomethane	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Carbon disulfide	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Carbon tetrachloride	ND	0.37	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Chlorobenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Chloroethane	ND	1.4	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Chloroform	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Chloromethane	ND	1.6	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
cis-1,2-Dichloroethene	ND	0.47	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
cis-1,3-Dichloropropene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Dibromochloromethane	ND	2.6	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Dibromomethane	ND	0.99	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-5D3-202104

Date Sampled

A211528-17 (Water)

04/14/2021 11:10

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Dichlorodifluoromethane	ND	0.46	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Methyl-tert-butyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Tetrachloroethene	ND	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
trans-1,2-Dichloroethene	ND	0.53	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Trichloroethene	ND	0.32	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Vinyl chloride	ND	0.17	1.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/20/2021	04/20/2021 19:58	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-6D-202104

Date Sampled

A211528-18 (Water)

04/15/2021 12:55

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,1,1-Trichloroethane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	3.8	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,1,2-Trichloroethane	ND	3.4	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	3.8	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,1-Dichloroethane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,1-Dichloroethene	ND	5.8	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,1-Dichloropropene	ND	4.1	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,2,3-Trichlorobenzene	ND	10.2	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,2,3-Trichloropropane	ND	5.6	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,2,4-Trichlorobenzene	ND	9.5	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,2,4-Trimethylbenzene	9.9	4.5	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	J
1,2-Dibromo-3-chloropropane	ND	23.7	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,2-Dibromoethane (EDB)	ND	3.1	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,2-Dichlorobenzene	ND	3.3	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,2-Dichloroethane	ND	2.9	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,2-Dichloropropane	ND	4.5	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,3,5-Trimethylbenzene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,3-Dichlorobenzene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,3-Dichloropropane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
1,4-Dichlorobenzene	ND	8.9	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
2,2-Dichloropropane	ND	41.8	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
2-Butanone (MEK)	ND	65.2	250	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
2-Chlorotoluene	ND	8.9	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
2-Hexanone	ND	62.8	250	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
4-Chlorotoluene	ND	8.9	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	59.5	250	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Acetone	ND	86.4	250	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Benzene	432	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Bromobenzene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Bromochloromethane	ND	3.6	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Bromodichloromethane	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Bromoform	ND	38.0	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Bromomethane	ND	11.9	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Carbon disulfide	ND	11.0	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Carbon tetrachloride	ND	3.7	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Chlorobenzene	ND	8.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Chloroethane	ND	13.8	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Chloroform	ND	11.8	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Chloromethane	ND	16.4	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
cis-1,2-Dichloroethene	8.1	4.7	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	J
cis-1,3-Dichloropropene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Dibromochloromethane	ND	26.4	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Dibromomethane	ND	9.9	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-6D-202104

Date Sampled

A211528-18 (Water)

04/15/2021 12:55

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Dichlorodifluoromethane	ND	4.6	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Diisopropyl ether	ND	11.0	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Ethylbenzene	3.4	3.3	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	J
Hexachloro-1,3-butadiene	ND	27.4	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Isopropylbenzene (Cumene)	15.0	10.0	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	J
m&p-Xylene	ND	7.0	20.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Methylene Chloride	ND	3.2	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Methyl-tert-butyl ether	ND	11.3	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Naphthalene	ND	11.3	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
n-Butylbenzene	ND	8.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
n-Hexane	ND	14.6	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
n-Propylbenzene	6.2	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	J
o-Xylene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
p-Isopropyltoluene	ND	10.4	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
sec-Butylbenzene	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Styrene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
tert-Butylbenzene	ND	5.9	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Tetrachloroethene	ND	4.1	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Tetrahydrofuran	ND	24.2	250	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Toluene	20.6	2.9	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
trans-1,2-Dichloroethene	ND	5.3	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
trans-1,3-Dichloropropene	ND	34.6	50.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Trichloroethene	6.9	3.2	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	J
Trichlorofluoromethane	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Vinyl chloride	ND	1.7	10.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	
Xylene (Total)	ND	10.5	30.0	ug/L	10	04/21/2021	04/21/2021 00:51	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-9D2-202104
A211528-19 (Water)

Date Sampled
04/14/2021 16:13

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,1,1-Trichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	0.38	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,1,2-Trichloroethane	ND	0.34	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	0.38	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,1-Dichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,1-Dichloroethene	ND	0.58	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,1-Dichloropropene	ND	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,2,3-Trichlorobenzene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,2,3-Trichloropropane	ND	0.56	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,2,4-Trichlorobenzene	ND	0.95	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,2,4-Trimethylbenzene	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	2.4	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,2-Dibromoethane (EDB)	ND	0.31	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,2-Dichlorobenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,2-Dichloroethane	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,2-Dichloropropane	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,3,5-Trimethylbenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,3-Dichlorobenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,3-Dichloropropane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
1,4-Dichlorobenzene	ND	0.89	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
2,2-Dichloropropane	ND	4.2	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
2-Butanone (MEK)	ND	6.5	25.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
2-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
2-Hexanone	ND	6.3	25.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
4-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	6.0	25.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Acetone	ND	8.6	25.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Benzene	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Bromobenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Bromochloromethane	ND	0.36	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Bromodichloromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Bromoform	ND	3.8	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Bromomethane	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Carbon disulfide	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Carbon tetrachloride	ND	0.37	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Chlorobenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Chloroethane	ND	1.4	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Chloroform	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Chloromethane	ND	1.6	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
cis-1,2-Dichloroethene	103	0.47	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
cis-1,3-Dichloropropene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Dibromochloromethane	ND	2.6	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Dibromomethane	ND	0.99	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-9D2-202104

Date Sampled

A211528-19 (Water)

04/14/2021 16:13

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Dichlorodifluoromethane	0.48	0.46	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	J
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Methyl-tert-butyl ether	14.1	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Tetrachloroethene	262	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
trans-1,2-Dichloroethene	1.5	0.53	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Trichloroethene	54.6	0.32	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Vinyl chloride	3.9	0.17	1.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/20/2021	04/20/2021 21:28	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-17-202104

Date Sampled

A211528-20 (Water)

04/15/2021 11:27

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,1,1-Trichloroethane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	3.8	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,1,2-Trichloroethane	ND	3.4	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	3.8	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,1-Dichloroethane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,1-Dichloroethene	ND	5.8	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,1-Dichloropropene	ND	4.1	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,2,3-Trichlorobenzene	ND	10.2	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,2,3-Trichloropropane	ND	5.6	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,2,4-Trichlorobenzene	ND	9.5	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,2,4-Trimethylbenzene	ND	4.5	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	23.7	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,2-Dibromoethane (EDB)	ND	3.1	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,2-Dichlorobenzene	ND	3.3	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,2-Dichloroethane	ND	2.9	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,2-Dichloropropane	ND	4.5	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,3,5-Trimethylbenzene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,3-Dichlorobenzene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,3-Dichloropropane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
1,4-Dichlorobenzene	ND	8.9	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
2,2-Dichloropropane	ND	41.8	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
2-Butanone (MEK)	ND	65.2	250	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
2-Chlorotoluene	ND	8.9	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
2-Hexanone	ND	62.8	250	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
4-Chlorotoluene	ND	8.9	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	59.5	250	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Acetone	ND	86.4	250	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Benzene	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Bromobenzene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Bromochloromethane	ND	3.6	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Bromodichloromethane	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Bromoform	ND	38.0	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Bromomethane	ND	11.9	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Carbon disulfide	ND	11.0	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Carbon tetrachloride	ND	3.7	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Chlorobenzene	ND	8.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Chloroethane	ND	13.8	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Chloroform	ND	11.8	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Chloromethane	ND	16.4	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
cis-1,2-Dichloroethene	ND	4.7	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
cis-1,3-Dichloropropene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Dibromochloromethane	ND	26.4	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Dibromomethane	ND	9.9	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-17-202104

Date Sampled

A211528-20 (Water)

04/15/2021 11:27

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	4.6	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Diisopropyl ether	ND	11.0	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Ethylbenzene	ND	3.3	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Hexachloro-1,3-butadiene	ND	27.4	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Isopropylbenzene (Cumene)	ND	10.0	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
m&p-Xylene	ND	7.0	20.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Methylene Chloride	ND	3.2	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Methyl-tert-butyl ether	ND	11.3	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Naphthalene	ND	11.3	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
n-Butylbenzene	ND	8.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
n-Hexane	ND	14.6	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
n-Propylbenzene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
o-Xylene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
p-Isopropyltoluene	ND	10.4	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
sec-Butylbenzene	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Styrene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
tert-Butylbenzene	ND	5.9	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Tetrachloroethene	616	4.1	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Tetrahydrofuran	ND	24.2	250	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Toluene	ND	2.9	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
trans-1,2-Dichloroethene	ND	5.3	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
trans-1,3-Dichloropropene	ND	34.6	50.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Trichloroethene	42.7	3.2	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Trichlorofluoromethane	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Vinyl chloride	ND	1.7	10.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	
Xylene (Total)	ND	10.5	30.0	ug/L	10	04/21/2021	04/21/2021 01:13	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-25D2-202104

Date Sampled

A211528-21 (Water)

04/12/2021 17:22

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,1,1-Trichloroethane	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	0.38	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,1,2-Trichloroethane	ND	0.34	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	0.38	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,1-Dichloroethane	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,1-Dichloroethene	ND	0.58	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,1-Dichloropropene	ND	0.41	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,2,3-Trichlorobenzene	ND	1.0	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,2,3-Trichloropropane	ND	0.56	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,2,4-Trichlorobenzene	ND	0.95	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,2,4-Trimethylbenzene	ND	0.45	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	2.4	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,2-Dibromoethane (EDB)	ND	0.31	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,2-Dichlorobenzene	ND	0.33	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,2-Dichloroethane	ND	0.29	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,2-Dichloropropane	ND	0.45	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,3,5-Trimethylbenzene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,3-Dichlorobenzene	ND	0.35	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,3-Dichloropropane	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
1,4-Dichlorobenzene	ND	0.89	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
2,2-Dichloropropane	ND	4.2	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
2-Butanone (MEK)	ND	6.5	25.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
2-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
2-Hexanone	ND	6.3	25.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
4-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	6.0	25.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Acetone	ND	8.6	25.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Benzene	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Bromobenzene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Bromochloromethane	ND	0.36	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Bromodichloromethane	ND	0.42	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Bromoform	ND	3.8	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Bromomethane	ND	1.2	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Carbon disulfide	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Carbon tetrachloride	ND	0.37	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Chlorobenzene	ND	0.86	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Chloroethane	ND	1.4	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Chloroform	ND	1.2	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Chloromethane	ND	1.6	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
cis-1,2-Dichloroethene	ND	0.47	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
cis-1,3-Dichloropropene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Dibromochloromethane	ND	2.6	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Dibromomethane	ND	0.99	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-25D2-202104

Date Sampled

A211528-21 (Water)

04/12/2021 17:22

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	0.46	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Methyl-tert-butyl ether	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Tetrachloroethene	ND	0.41	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
trans-1,2-Dichloroethene	ND	0.53	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Trichloroethene	ND	0.32	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Vinyl chloride	ND	0.17	1.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/21/2021	04/21/2021 07:38	EPA 8260	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-27D-202104
A211528-22 (Water)

Date Sampled
04/13/2021 10:19

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,1,1-Trichloroethane	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	0.38	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,1,2-Trichloroethane	ND	0.34	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	0.38	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,1-Dichloroethane	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,1-Dichloroethene	ND	0.58	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,1-Dichloropropene	ND	0.41	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,2,3-Trichlorobenzene	ND	1.0	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,2,3-Trichloropropane	ND	0.56	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,2,4-Trichlorobenzene	ND	0.95	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,2,4-Trimethylbenzene	ND	0.45	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	2.4	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,2-Dibromoethane (EDB)	ND	0.31	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,2-Dichlorobenzene	ND	0.33	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,2-Dichloroethane	ND	0.29	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,2-Dichloropropane	ND	0.45	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,3,5-Trimethylbenzene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,3-Dichlorobenzene	ND	0.35	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,3-Dichloropropane	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
1,4-Dichlorobenzene	ND	0.89	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
2,2-Dichloropropane	ND	4.2	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
2-Butanone (MEK)	ND	6.5	25.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
2-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
2-Hexanone	ND	6.3	25.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
4-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	6.0	25.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Acetone	ND	8.6	25.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Benzene	ND	0.30	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Bromobenzene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Bromochloromethane	ND	0.36	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Bromodichloromethane	ND	0.42	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Bromoform	ND	3.8	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Bromomethane	ND	1.2	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Carbon disulfide	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Carbon tetrachloride	ND	0.37	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Chlorobenzene	ND	0.86	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Chloroethane	ND	1.4	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Chloroform	ND	1.2	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Chloromethane	ND	1.6	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
cis-1,2-Dichloroethene	ND	0.47	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
cis-1,3-Dichloropropene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Dibromochloromethane	ND	2.6	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Dibromomethane	ND	0.99	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-27D-202104

Date Sampled

A211528-22 (Water)

04/13/2021 10:19

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	0.46	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Methyl-tert-butyl ether	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Tetrachloroethene	0.96	0.41	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	J
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
trans-1,2-Dichloroethene	ND	0.53	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Trichloroethene	0.81	0.32	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	J
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Vinyl chloride	ND	0.17	1.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/21/2021	04/21/2021 07:16	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MP-14_135-140_202104

Date Sampled

A211528-23 (Water)

04/12/2021 13:20

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,1,1-Trichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	0.38	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,1,2-Trichloroethane	ND	0.34	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	0.38	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,1-Dichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,1-Dichloroethene	ND	0.58	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,1-Dichloropropene	ND	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,2,3-Trichlorobenzene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,2,3-Trichloropropane	ND	0.56	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,2,4-Trichlorobenzene	ND	0.95	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,2,4-Trimethylbenzene	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	2.4	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,2-Dibromoethane (EDB)	ND	0.31	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,2-Dichlorobenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,2-Dichloroethane	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,2-Dichloropropane	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,3,5-Trimethylbenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,3-Dichlorobenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,3-Dichloropropane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
1,4-Dichlorobenzene	ND	0.89	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
2,2-Dichloropropane	ND	4.2	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
2-Butanone (MEK)	ND	6.5	25.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
2-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
2-Hexanone	ND	6.3	25.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
4-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	6.0	25.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Acetone	ND	8.6	25.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Benzene	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Bromobenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Bromochloromethane	ND	0.36	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Bromodichloromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Bromoform	ND	3.8	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Bromomethane	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Carbon disulfide	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Carbon tetrachloride	ND	0.37	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Chlorobenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Chloroethane	ND	1.4	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Chloroform	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Chloromethane	ND	1.6	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
cis-1,2-Dichloroethene	3.1	0.47	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
cis-1,3-Dichloropropene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Dibromochloromethane	ND	2.6	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Dibromomethane	ND	0.99	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MP-14_135-140_202104

Date Sampled

A211528-23 (Water)

04/12/2021 13:20

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	0.46	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Methyl-tert-butyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Tetrachloroethene	109	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
trans-1,2-Dichloroethene	ND	0.53	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Trichloroethene	6.7	0.32	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Vinyl chloride	ND	0.17	1.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/20/2021	04/20/2021 22:36	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MP-16_140-144_202104

A211528-24 (Water)

Date Sampled
04/12/2021 15:03

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,1,1-Trichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	0.38	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,1,2-Trichloroethane	ND	0.34	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	0.38	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,1-Dichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,1-Dichloroethene	ND	0.58	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,1-Dichloropropene	ND	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,2,3-Trichlorobenzene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,2,3-Trichloropropane	ND	0.56	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,2,4-Trichlorobenzene	ND	0.95	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,2,4-Trimethylbenzene	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	2.4	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,2-Dibromoethane (EDB)	ND	0.31	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,2-Dichlorobenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,2-Dichloroethane	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,2-Dichloropropane	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,3,5-Trimethylbenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,3-Dichlorobenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,3-Dichloropropane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
1,4-Dichlorobenzene	ND	0.89	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
2,2-Dichloropropane	ND	4.2	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
2-Butanone (MEK)	ND	6.5	25.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
2-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
2-Hexanone	ND	6.3	25.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
4-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	6.0	25.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Acetone	ND	8.6	25.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Benzene	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Bromobenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Bromochloromethane	ND	0.36	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Bromodichloromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Bromoform	ND	3.8	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Bromomethane	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Carbon disulfide	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Carbon tetrachloride	ND	0.37	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Chlorobenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Chloroethane	ND	1.4	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Chloroform	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Chloromethane	ND	1.6	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
cis-1,2-Dichloroethene	3.4	0.47	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
cis-1,3-Dichloropropene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Dibromochloromethane	ND	2.6	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Dibromomethane	ND	0.99	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MP-16_140-144_202104

Date Sampled

A211528-24 (Water)

04/12/2021 15:03

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	0.46	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Methyl-tert-butyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Tetrachloroethene	68.0	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
trans-1,2-Dichloroethene	ND	0.53	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Trichloroethene	13.2	0.32	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Vinyl chloride	ND	0.17	1.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/20/2021	04/20/2021 22:58	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

DUP-01-202104

Date Sampled

A211528-25 (Water)

04/15/2021 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,1,1-Trichloroethane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	3.8	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,1,2-Trichloroethane	ND	3.4	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	3.8	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,1-Dichloroethane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,1-Dichloroethene	ND	5.8	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,1-Dichloropropene	ND	4.1	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,2,3-Trichlorobenzene	ND	10.2	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,2,3-Trichloropropane	ND	5.6	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,2,4-Trichlorobenzene	ND	9.5	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,2,4-Trimethylbenzene	ND	4.5	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	23.7	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,2-Dibromoethane (EDB)	ND	3.1	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,2-Dichlorobenzene	ND	3.3	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,2-Dichloroethane	ND	2.9	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,2-Dichloropropane	ND	4.5	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,3,5-Trimethylbenzene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,3-Dichlorobenzene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,3-Dichloropropane	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
1,4-Dichlorobenzene	ND	8.9	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
2,2-Dichloropropane	ND	41.8	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
2-Butanone (MEK)	ND	65.2	250	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
2-Chlorotoluene	ND	8.9	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
2-Hexanone	ND	62.8	250	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
4-Chlorotoluene	ND	8.9	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	59.5	250	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Acetone	ND	86.4	250	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Benzene	ND	3.0	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Bromobenzene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Bromochloromethane	ND	3.6	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Bromodichloromethane	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Bromoform	ND	38.0	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Bromomethane	ND	11.9	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Carbon disulfide	ND	11.0	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Carbon tetrachloride	ND	3.7	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Chlorobenzene	ND	8.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Chloroethane	ND	13.8	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Chloroform	ND	11.8	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Chloromethane	ND	16.4	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
cis-1,2-Dichloroethene	ND	4.7	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
cis-1,3-Dichloropropene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Dibromochloromethane	ND	26.4	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Dibromomethane	ND	9.9	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

DUP-01-202104

Date Sampled

A211528-25 (Water)

04/15/2021 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	4.6	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Diisopropyl ether	ND	11.0	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Ethylbenzene	ND	3.3	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Hexachloro-1,3-butadiene	ND	27.4	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Isopropylbenzene (Cumene)	ND	10.0	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
m&p-Xylene	ND	7.0	20.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Methylene Chloride	ND	3.2	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Methyl-tert-butyl ether	ND	11.3	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Naphthalene	ND	11.3	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
n-Butylbenzene	ND	8.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
n-Hexane	ND	14.6	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
n-Propylbenzene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
o-Xylene	ND	3.5	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
p-Isopropyltoluene	ND	10.4	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
sec-Butylbenzene	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Styrene	ND	3.6	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
tert-Butylbenzene	ND	5.9	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Tetrachloroethene	645	4.1	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Tetrahydrofuran	ND	24.2	250	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Toluene	ND	2.9	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
trans-1,2-Dichloroethene	ND	5.3	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
trans-1,3-Dichloropropene	ND	34.6	50.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Trichloroethene	43.9	3.2	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Trichlorofluoromethane	ND	4.2	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Vinyl chloride	ND	1.7	10.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	
Xylene (Total)	ND	10.5	30.0	ug/L	10	04/21/2021	04/21/2021 01:58	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

DUP-03-202104

Date Sampled

A211528-26 (Water)

04/15/2021 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	1.4	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,1,1-Trichloroethane	ND	1.2	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	1.5	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,1,2-Trichloroethane	ND	1.4	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	1.5	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,1-Dichloroethane	ND	1.2	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,1-Dichloroethene	ND	2.3	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,1-Dichloropropene	ND	1.6	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,2,3-Trichlorobenzene	ND	4.1	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,2,3-Trichloropropane	ND	2.2	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,2,4-Trichlorobenzene	ND	3.8	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,2,4-Trimethylbenzene	10.8	1.8	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	9.5	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,2-Dibromoethane (EDB)	ND	1.2	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,2-Dichlorobenzene	ND	1.3	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,2-Dichloroethane	ND	1.2	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,2-Dichloropropane	ND	1.8	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,3,5-Trimethylbenzene	ND	1.4	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,3-Dichlorobenzene	ND	1.4	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,3-Dichloropropane	ND	1.2	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
1,4-Dichlorobenzene	ND	3.6	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
2,2-Dichloropropane	ND	16.7	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
2-Butanone (MEK)	ND	26.1	100	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
2-Chlorotoluene	ND	3.6	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
2-Hexanone	ND	25.1	100	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
4-Chlorotoluene	ND	3.6	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	23.8	100	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Acetone	ND	34.6	100	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Benzene	423	1.2	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Bromobenzene	ND	1.4	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Bromochloromethane	ND	1.4	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Bromodichloromethane	ND	1.7	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Bromoform	ND	15.2	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Bromomethane	ND	4.8	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Carbon disulfide	ND	4.4	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Carbon tetrachloride	ND	1.5	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Chlorobenzene	ND	3.4	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Chloroethane	ND	5.5	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Chloroform	ND	4.7	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Chloromethane	ND	6.5	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
cis-1,2-Dichloroethene	7.4	1.9	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
cis-1,3-Dichloropropene	ND	1.4	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Dibromochloromethane	ND	10.6	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Dibromomethane	ND	4.0	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

DUP-03-202104

Date Sampled

A211528-26 (Water)

04/15/2021 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
Dichlorodifluoromethane	ND	1.8	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Diisopropyl ether	ND	4.4	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Ethylbenzene	3.7	1.3	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	J
Hexachloro-1,3-butadiene	ND	10.9	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Isopropylbenzene (Cumene)	14.9	4.0	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	J
m&p-Xylene	3.6	2.8	8.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	J
Methylene Chloride	ND	1.3	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Methyl-tert-butyl ether	ND	4.5	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Naphthalene	ND	4.5	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
n-Butylbenzene	ND	3.4	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
n-Hexane	ND	5.8	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
n-Propylbenzene	5.7	1.4	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
o-Xylene	ND	1.4	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
p-Isopropyltoluene	ND	4.2	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
sec-Butylbenzene	2.1	1.7	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	J
Styrene	ND	1.4	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
tert-Butylbenzene	ND	2.3	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Tetrachloroethene	ND	1.6	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Tetrahydrofuran	ND	9.7	100	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Toluene	20.6	1.2	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
trans-1,2-Dichloroethene	4.4	2.1	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
trans-1,3-Dichloropropene	ND	13.8	20.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Trichloroethene	7.6	1.3	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Trichlorofluoromethane	ND	1.7	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Vinyl chloride	ND	0.70	4.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	
Xylene (Total)	ND	4.2	12.0	ug/L	4	04/21/2021	04/21/2021 01:36	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

FB-01-202104
A211528-27 (Water)

Date Sampled
04/15/2021 14:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,1,1-Trichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	0.38	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,1,2-Trichloroethane	ND	0.34	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	0.38	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,1-Dichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,1-Dichloroethene	ND	0.58	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,1-Dichloropropene	ND	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,2,3-Trichlorobenzene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,2,3-Trichloropropane	ND	0.56	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,2,4-Trichlorobenzene	ND	0.95	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,2,4-Trimethylbenzene	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	2.4	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,2-Dibromoethane (EDB)	ND	0.31	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,2-Dichlorobenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,2-Dichloroethane	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,2-Dichloropropane	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,3,5-Trimethylbenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,3-Dichlorobenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,3-Dichloropropane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
1,4-Dichlorobenzene	ND	0.89	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
2,2-Dichloropropane	ND	4.2	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
2-Butanone (MEK)	ND	6.5	25.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
2-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
2-Hexanone	ND	6.3	25.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
4-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	6.0	25.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Acetone	ND	8.6	25.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Benzene	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Bromobenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Bromochloromethane	ND	0.36	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Bromodichloromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Bromoform	ND	3.8	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Bromomethane	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Carbon disulfide	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Carbon tetrachloride	ND	0.37	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Chlorobenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Chloroethane	ND	1.4	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Chloroform	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Chloromethane	ND	1.6	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
cis-1,2-Dichloroethene	ND	0.47	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
cis-1,3-Dichloropropene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Dibromochloromethane	ND	2.6	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Dibromomethane	ND	0.99	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

FB-01-202104

Date Sampled

A211528-27 (Water)

04/15/2021 14:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	0.46	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Methyl-tert-butyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Tetrachloroethene	ND	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
trans-1,2-Dichloroethene	ND	0.53	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Trichloroethene	ND	0.32	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Vinyl chloride	ND	0.17	1.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/20/2021	04/20/2021 19:13	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

Trip Blank-202104

Date Sampled

A211528-28 (Water)

04/15/2021 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

1,1,1,2-Tetrachloroethane	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,1,1-Trichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,1,2,2-Tetrachloroethane	ND	0.38	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,1,2-Trichloroethane	ND	0.34	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,1,2-Trichlorotrifluoroethane	ND	0.38	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,1-Dichloroethane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,1-Dichloroethene	ND	0.58	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,1-Dichloropropene	ND	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,2,3-Trichlorobenzene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,2,3-Trichloropropane	ND	0.56	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,2,4-Trichlorobenzene	ND	0.95	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,2,4-Trimethylbenzene	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,2-Dibromo-3-chloropropane	ND	2.4	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,2-Dibromoethane (EDB)	ND	0.31	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,2-Dichlorobenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,2-Dichloroethane	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,2-Dichloropropane	ND	0.45	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,3,5-Trimethylbenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,3-Dichlorobenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,3-Dichloropropane	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
1,4-Dichlorobenzene	ND	0.89	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
2,2-Dichloropropane	ND	4.2	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
2-Butanone (MEK)	ND	6.5	25.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
2-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
2-Hexanone	ND	6.3	25.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
4-Chlorotoluene	ND	0.89	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
4-Methyl-2-pentanone (MIBK)	ND	6.0	25.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Acetone	ND	8.6	25.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Benzene	ND	0.30	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Bromobenzene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Bromochloromethane	ND	0.36	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Bromodichloromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Bromoform	ND	3.8	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Bromomethane	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Carbon disulfide	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Carbon tetrachloride	ND	0.37	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Chlorobenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Chloroethane	ND	1.4	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Chloroform	ND	1.2	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Chloromethane	ND	1.6	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
cis-1,2-Dichloroethene	ND	0.47	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
cis-1,3-Dichloropropene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Dibromochloromethane	ND	2.6	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Dibromomethane	ND	0.99	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

Trip Blank-202104

Date Sampled

A211528-28 (Water)

04/15/2021 00:00

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical

EPA 8260

Preparation Batch:MSV 56706

Dichlorodifluoromethane	ND	0.46	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Diisopropyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Ethylbenzene	ND	0.33	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Hexachloro-1,3-butadiene	ND	2.7	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Isopropylbenzene (Cumene)	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
m&p-Xylene	ND	0.70	2.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Methylene Chloride	ND	0.32	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Methyl-tert-butyl ether	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Naphthalene	ND	1.1	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
n-Butylbenzene	ND	0.86	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
n-Hexane	ND	1.5	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
n-Propylbenzene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
o-Xylene	ND	0.35	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
p-Isopropyltoluene	ND	1.0	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
sec-Butylbenzene	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Styrene	ND	0.36	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
tert-Butylbenzene	ND	0.59	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Tetrachloroethene	ND	0.41	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Tetrahydrofuran	ND	2.4	25.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Toluene	ND	0.29	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
trans-1,2-Dichloroethene	ND	0.53	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
trans-1,3-Dichloropropene	ND	3.5	5.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Trichloroethene	ND	0.32	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Trichlorofluoromethane	ND	0.42	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Vinyl chloride	ND	0.17	1.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	
Xylene (Total)	ND	1.0	3.0	ug/L	1	04/20/2021	04/20/2021 19:36	EPA 8260	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

Pace Analytical - Madison

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A105105 - EPA 3511

Blank (A105105-BLK1)

Prepared: 05/11/2021 Analyzed: 05/22/2021 03:28

PCB-1016	ND	0.13	ug/L							
PCB-1221	ND	0.25	ug/L							
PCB-1232	ND	0.13	ug/L							
PCB-1242	ND	0.13	ug/L							
PCB-1248	ND	0.13	ug/L							
PCB-1254	ND	0.13	ug/L							
PCB-1260	ND	0.13	ug/L							
Total PCBs	ND	0.25	ug/L							
Surrogate: Tetrachloro-meta-xylene	0.701		ug/L	0.7500		93.5	60.7-128			
Surrogate: Decachlorobiphenyl	0.763		ug/L	0.7500		102	57.1-151			

LCS (A105105-BS1)

Prepared: 05/11/2021 Analyzed: 05/22/2021 03:55

PCB-1242	14.8	0.13	ug/L	12.50		119	49.6-153			
Surrogate: Tetrachloro-meta-xylene	0.660		ug/L	0.7500		88.0	60.7-128			
Surrogate: Decachlorobiphenyl	0.718		ug/L	0.7500		95.8	57.1-151			

Matrix Spike (A105105-MS1)

Source: A211824-01

Prepared: 05/11/2021 Analyzed: 05/22/2021 12:14

PCB-1242	8.96	0.13	ug/L	12.50	ND	71.7	42.8-158			
Surrogate: Tetrachloro-meta-xylene	0.479		ug/L	0.7500		63.9	60.7-128			
Surrogate: Decachlorobiphenyl	0.441		ug/L	0.7500		58.8	57.1-151			

Matrix Spike Dup (A105105-MSD1)

Source: A211824-01

Prepared: 05/11/2021 Analyzed: 05/22/2021 12:41

PCB-1242	11.8	0.13	ug/L	12.50	ND	94.4	42.8-158	27.4	20	X
Surrogate: Tetrachloro-meta-xylene	0.564		ug/L	0.7500		75.2	60.7-128			
Surrogate: Decachlorobiphenyl	0.534		ug/L	0.7500		71.3	57.1-151			

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

Notes and Definitions

- X Precision for the matrix spike duplicate, laboratory control sample duplicate or lab duplicate was outside of control limits.
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
- ND Analyte NOT DETECTED at or above the reporting limit or limit of detection (if listed).
- NR Not Reported
- dry Sample results reported on a dry weight basis. Detection limits (if listed) and reporting limits have been adjusted for the solids content. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference

Detection limits (if listed) and reporting limits have been adjusted for dilutions, if reported.



Pace Analytical - ECCS Division
 2525 Advance Road
 Madison, WI 53718
 608-221-8700 (phone)
 608-221-4889 (fax)

CHAIN OF CUSTODY

No. 12970

Page: 1 of 24 #04-102

Lab Work Order #: **A211528**

Report To: **Andy Stehn**

Company: **TRC Env.**

Address 1: **708 Heartland Dr STE 3000**

Address 2:

E-mail Address: **astehn@trccompanies.com**

Project Number: **419610:0000200001** PO Number: **162363**

Project Name: **Madison Kipp Corp Semi-Annual GW Sampling**

Project Location (City, State): **Madison, WI**

Preservation Codes	Analyses Requested
A A A	PCB TDS TSS

Turn Around (check one): Normal Rush

If Rush, Report Due Date:

Sampled By (Print): **Wesley Brazen**

Sample Description	Collection		Matrix	Total # of Containers
	Date	Time		

Sample Description	Date	Time	Matrix	Total # of Containers	PCB	TDS	TSS	Comments	Lab ID	Lab Receipt Time
MW-3D-202104	4/15/21	1546	GW	4	X	X	X	Container 4/14/21-15:40	01	
MW-4S-202104	4/13/21	1617	GW	4	X	X	X		02	
MW-4D-202104	4/13/21	1442	GW	4	X	X	X		03	
MW-5S-202104	4/14/21	1053	GW	8	X	X	X	Lab DUP / MS/MSD Extra Volume	04	
MW-6S-202104	4/15/21	1227	GW	4	X	X	X		05	
MW-11S-202104	4/16/21	1530	GW	4	X	X	X		06	
MW-24-202104	4/16/21	1218	GW	4	X	X	X		07	
MW-28-202104 ^{Lab} 4/16/21	4/16/21		GW	4	X	X	X		-	
MW-29S-202104	4/15/21	1556	GW	4	X	X	X		08	
MW-24D-202104 ^{Lab} 4/16/21	4/16/21		GW	4	X	X	X		-	

Preservation Codes
 A=None B=HCL C=H₂SO₄
 D=HNO₃ E=EnCore F=Methanol
 G=NaOH O=Other (Indicate)

Matrix Codes
 A=Air S=Soil W=Water O=Other

Other Comments:

Relinquished By: **Andy Stehn TRC**

Date: **4/16/21** Time: **16:45**

Received By: **Jessica E...**

Date: **04/16/21** Time: **1645**

Relinquished By:

Date: Time:

Received By:

Date: Time:

Custody Seal:
 NA Intact Not Intact

Shipped Via: **Walk In**

Receipt Temp: **on ice**

Thermometer #/ Exp. Date:

Temp Blank:
 Y N

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Pace Analytical - ECCS Division
 2525 Advance Road
 Madison, WI 53718
 608-221-8700 (phone)
 608-221-4889 (fax)

CHAIN OF CUSTODY

No. 12971

Page: 42 of 4 J 04-16-21

Lab Work Order #: A211528		Report To: Audy Stehn											
Preservation Codes		Company: TRC Env.											
Analyses Requested		Address 1:											
<table border="1" style="width:100%; text-align: center;"> <tr> <td>A</td><td>A</td><td>A</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>		A	A	A								Address 2:	
A	A	A											
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		E-mail Address:											
If Rush, Report Due Date:		Invoice To:											
Sampled By (Print): Wesley Braga		Company:											
		Address 1:											
		Address 2:											
		Comments											
		Lab ID											
		Lab Receipt Time											

Project Number: 419610.00002, 0001 PO Number: 162363	
Project Name: Madison Kipp Corp Semi-annual sampling	
Project Location (City, State): Madison, WI	

Sample Description	Collection		Matrix	Total # of Containers	PCB	TAS	TSS
	Date	Time					
DUP-02-202104	4/15/21	-	GW	4	X	X	X
FB-01-202104 02 J 04-19-21	4/15/21	1400	GW	4	X	X	X

Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)	Other Comments:	Relinquished By: ah st TRC	Date: 4/16/21	Time: 16:45	Received By: Jessica Eades	Date: 04-16-21	Time: 1645
		Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Matrix Codes A=Air S=Soil W=Water O=Other	<input checked="" type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact	Shipped Via: Walker	Receipt Temp: on ice	Thermometer #/ Exp. Date:	Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N		

Page 63 of 136 A211528 FINAL 05 25 2021 1549



Pace Analytical - ECCS Division
 2525 Advance Road
 Madison, WI 53718
 608-221-8700 (phone)
 608-221-4889 (fax)

CHAIN OF CUSTODY

No. 12968

Page: 3 of 4 # 04-1621

Project Number: 419610, 00002.00001 PO Number: 162363				Lab Work Order #: A211528				Report To: Andy Stehn							
Project Name: Madison Kipp Corp Semi-Annual GW Sampling				Preservation Codes				Company: TRC Env.							
Project Location (City, State): Madison, WI				Analyses Requested				Address 1:							
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush				Matrix Total # of Containers VOCs				Address 2:							
If Rush, Report Due Date:								E-mail Address:							
Sampled By (Print): Wesley Brega								Invoice To:							
								Company:							
								Address 1:							
								Address 2:							
Sample Description		Collection													
		Date	Time												
MW-2D-202104		4/15/21	1639	GW	3	X									
MW-3D-202104		4/14/21	1546	GW	3	X									
MW-3D2-202104		4/14/21	1438	GW	3	X									
MW-4D2-202104		4/14/21	1344	GW	3	X									
MW-5D-202104		4/14/21	1212	GW	3	X									
MW-5D2-202104		4/14/21	1329	GW	3	X									
MW-5D3-202104		4/14/21	1110	GW	9	X						MS/MSD			
MW-6D-202104		4/15/21	1255	GW	3	X									
MW-9D2-202104		4/14/21	1613	GW	3	X									
MW-17-202104		4/15/21	1127	GW	3	X									
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)		Other Comments:		Relinquished By: <i>Wesley Brega</i> TRC Date: 4/16/21 Time: 16:45				Received By: <i>Jessica [Signature]</i> Date: 04-16-21 Time: 1645							
Matrix Codes A=Air S=Soil W=Water O=Other		Relinquished By:				Date:				Time:					
Custody Seal: <input checked="" type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Shipped Via: Walk In				Receipt Temp: on ice				Thermometer #/ Exp. Date:			
								Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N							

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Pace Analytical - ECCS Division
 2525 Advance Road
 Madison, WI 53718
 608-221-8700 (phone)
 608-221-4889 (fax)

CHAIN OF CUSTODY

No. 12969

Page: 24 of 24 04-16-21

Lab Work Order #: A211528		Report To: Analy Stehn	
Preservation Codes		Company: TRC Env.	
Analyses Requested		Address 1: 708 Hartland Tr, Ste 3000	
Project Number: 419610.00002.00001 PO Number: 162363 Project Name: Madison Kipp Corp Semi-Annual Gw Sampling Project Location (City, State): Madison, WI		Address 2:	
		E-mail Address: astehn@trccompanies.com	
Turn Around (check one): <input type="checkbox"/> Normal <input type="checkbox"/> Rush		Invoice To:	
If Rush, Report Due Date:		Company:	
Sampled By (Print): Wesley Bruge		Address 1:	
		Address 2:	
		Comments	
		Lab ID	
		Lab Receipt Time	

Sample Description	Collection		Matrix	Total # of Containers	VOCs													
	Date	Time																
MW-25D2-202104	4/12/21	1722	GW	3	X													
MW-27D-202104	4/13/21	1019	GW	3	X													
MP-14 (135-140)-202104	4/12/21	1320	GW	3	X													
MP-16 (140-144)-202104	4/12/21	1503	GW	3	X													
DUP-01-202104	4/15/21	-	GW	3	X													
DUP-03-202104	4/15/21	-	GW	3	X													
FB-01-202104	4/15/21	1400	GW	3	X													
Trip Blank-202104	-	-	W	3	X													

Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate)	Other Comments:	Relinquished By: Andrew [Signature] TRC	Date: 4/16/21	Time: 16:45	Received By: Jessica [Signature]	Date: 04-16-21	Time: 1645
		Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Matrix Codes A=Air S=Soil W=Water O=Other	<input checked="" type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact	Shipped Via: Walk In	Receipt Temp: on ice	Thermometer #/ Exp. Date:	Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N		

Page 65 of 136 A211528 FINAL 05 25 2021 1549

April 28, 2021

Jessica Esser
Pace Analytical Madison
2525 Advance Road
Madison, WI 53718

RE: Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Dear Jessica Esser:

Enclosed are the analytical results for sample(s) received by the laboratory on April 17, 2021. 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,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

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

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40225343001	MW-3D-202104	Water	04/14/21 15:40	04/17/21 08:20
40225343002	MW-4S-202104	Water	04/13/21 16:17	04/17/21 08:20
40225343003	MW-4D-202104	Water	04/13/21 14:42	04/17/21 08:20
40225343004	MW-5S-202104	Water	04/14/21 10:53	04/17/21 08:20
40225343005	MW-6S-202104	Water	04/15/21 12:27	04/17/21 08:20
40225343006	MW-11S-202104	Water	04/16/21 13:30	04/17/21 08:20
40225343007	MW-24-202104	Water	04/16/21 12:18	04/17/21 08:20
40225343008	MW-29S-202104	Water	04/15/21 15:56	04/17/21 08:20
40225343009	DUP-02-202104	Water	04/15/21 00:00	04/17/21 08:20
40225343010	FB-02-202104	Water	04/15/21 14:00	04/17/21 08:20
40225343011	MW-2D-202104	Water	04/15/21 16:39	04/17/21 08:20
40225343012	MW-3D-202104	Water	04/14/21 15:46	04/17/21 08:20
40225343013	MW-3D2-202104	Water	04/14/21 14:38	04/17/21 08:20
40225343014	MW-4D2-202104	Water	04/14/21 13:44	04/17/21 08:20
40225343015	MW-5D-202104	Water	04/14/21 12:12	04/17/21 08:20
40225343016	MW-5D2-202104	Water	04/14/21 13:29	04/17/21 08:20
40225343017	MW-5D3-202104	Water	04/14/21 11:10	04/17/21 08:20
40225343018	MW-6D-202104	Water	04/15/21 12:55	04/17/21 08:20
40225343019	MW-9D2-202104	Water	04/14/21 16:13	04/17/21 08:20
40225343020	MW-17-202104	Water	04/15/21 11:27	04/17/21 08:20
40225343021	MW-25D2-202104	Water	04/12/21 17:22	04/17/21 08:20
40225343022	MW-27D-202104	Water	04/13/21 10:19	04/17/21 08:20
40225343023	MW-14_135-140-202104	Water	04/12/21 13:20	04/17/21 08:20
40225343024	MW-16_140-144-202104	Water	04/12/21 15:03	04/17/21 08:20
40225343025	DUP-01-202104	Water	04/15/21 00:00	04/17/21 08:20
40225343026	DUP-03-202104	Water	04/15/21 00:00	04/17/21 08:20
40225343027	FB-01-202104	Water	04/15/21 14:00	04/17/21 08:20
40225343028	TRIP BLANK-202104	Water	04/15/21 00:00	04/17/21 08:20

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SAMPLE ANALYTE COUNT

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40225343001	MW-3D-202104	SM 2540C	JXM	1
		SM 2540D	JXM	1
40225343002	MW-4S-202104	SM 2540C	JXM	1
		SM 2540D	JXM	1
40225343003	MW-4D-202104	SM 2540C	JXM	1
		SM 2540D	JXM	1
40225343004	MW-5S-202104	SM 2540C	JXM	1
		SM 2540D	JXM	1
40225343005	MW-6S-202104	SM 2540C	JXM	1
		SM 2540D	JXM	1
40225343006	MW-11S-202104	SM 2540C	HNT	1
		SM 2540D	JXM	1
40225343007	MW-24-202104	SM 2540C	HNT	1
		SM 2540D	JXM	1
40225343008	MW-29S-202104	SM 2540C	HNT	1
		SM 2540D	JXM	1
40225343009	DUP-02-202104	SM 2540C	JXM	1
		SM 2540D	JXM	1
40225343010	FB-02-202104	SM 2540C	HNT	1
		SM 2540D	JXM	1
40225343011	MW-2D-202104	EPA 8260	HNW	73
40225343012	MW-3D-202104	EPA 8260	HNW	73
40225343013	MW-3D2-202104	EPA 8260	HNW	73
40225343014	MW-4D2-202104	EPA 8260	HNW	73
40225343015	MW-5D-202104	EPA 8260	HNW	73
40225343016	MW-5D2-202104	EPA 8260	HNW	73
40225343017	MW-5D3-202104	EPA 8260	HNW	73
40225343018	MW-6D-202104	EPA 8260	HNW	73
40225343019	MW-9D2-202104	EPA 8260	HNW	73
40225343020	MW-17-202104	EPA 8260	HNW	73
40225343021	MW-25D2-202104	EPA 8260	HNW	73
40225343022	MW-27D-202104	EPA 8260	HNW	73
40225343023	MW-14_135-140-202104	EPA 8260	HNW	73
40225343024	MW-16_140-144-202104	EPA 8260	HNW	73
40225343025	DUP-01-202104	EPA 8260	HNW	73
40225343026	DUP-03-202104	EPA 8260	HNW	73
40225343027	FB-01-202104	EPA 8260	HNW	73

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SAMPLE ANALYTE COUNT

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40225343028	TRIP BLANK-202104	EPA 8260	HNW	73

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: MW-3D-202104 **Lab ID: 40225343001** Collected: 04/14/21 15:40 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	654	mg/L	20.0	8.7	1		04/20/21 15:05		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	3.6	mg/L	2.0	0.95	1		04/20/21 09:08		

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-4S-202104 **Lab ID: 40225343002** Collected: 04/13/21 16:17 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	1990	mg/L	20.0	8.7	1		04/20/21 15:05		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	6.2	mg/L	2.0	0.95	1		04/20/21 09:08		

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-4D-202104 **Lab ID: 40225343003** Collected: 04/13/21 14:42 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	1200	mg/L	20.0	8.7	1		04/20/21 15:06		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	1.2J	mg/L	2.0	0.95	1		04/20/21 09:08		

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-5S-202104 **Lab ID: 40225343004** Collected: 04/14/21 10:53 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	850	mg/L	20.0	8.7	1		04/20/21 15:06		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	1.0J	mg/L	2.0	0.95	1		04/20/21 09:08		

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-6S-202104 **Lab ID: 40225343005** Collected: 04/15/21 12:27 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	9640	mg/L	200	86.7	1		04/22/21 13:58		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	6.0	mg/L	2.0	0.95	1		04/21/21 10:28		

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-11S-202104 **Lab ID: 40225343006** Collected: 04/16/21 13:30 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	1010	mg/L	20.0	8.7	1		04/21/21 12:38		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	2.0	mg/L	2.0	0.95	1		04/21/21 10:28		

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-24-202104 **Lab ID: 40225343007** Collected: 04/16/21 12:18 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	1370	mg/L	20.0	8.7	1		04/21/21 12:38		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	5.2	mg/L	2.0	0.95	1		04/21/21 10:28		

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-29S-202104 **Lab ID: 40225343008** Collected: 04/15/21 15:56 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	1440	mg/L	20.0	8.7	1		04/21/21 12:39		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	2.4	mg/L	2.0	0.95	1		04/21/21 10:28		

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: DUP-02-202104 **Lab ID: 40225343009** Collected: 04/15/21 00:00 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	7260	mg/L	200	86.7	1		04/22/21 13:59		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	5.8	mg/L	2.0	0.95	1		04/21/21 10:29		

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: FB-02-202104 **Lab ID: 40225343010** Collected: 04/15/21 14:00 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	120	mg/L	20.0	8.7	1		04/21/21 12:39		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	1.2J	mg/L	2.0	0.95	1		04/21/21 10:29		

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: **MW-2D-202104** Lab ID: **40225343011** Collected: 04/15/21 16:39 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/20/21 20:21	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 20:21	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/20/21 20:21	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/20/21 20:21	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/20/21 20:21	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 20:21	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/20/21 20:21	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/20/21 20:21	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/20/21 20:21	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/20/21 20:21	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/20/21 20:21	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/20/21 20:21	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/20/21 20:21	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/20/21 20:21	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 20:21	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/20/21 20:21	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/20/21 20:21	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 20:21	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 20:21	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/20/21 20:21	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/20/21 20:21	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/20/21 20:21	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/20/21 20:21	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 20:21	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/20/21 20:21	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 20:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/20/21 20:21	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/20/21 20:21	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/20/21 20:21	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 20:21	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/20/21 20:21	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 20:21	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/20/21 20:21	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/20/21 20:21	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/20/21 20:21	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/20/21 20:21	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 20:21	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/20/21 20:21	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/20/21 20:21	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/20/21 20:21	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/20/21 20:21	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/20/21 20:21	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/20/21 20:21	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 20:21	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 20:21	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: MW-2D-202104 Lab ID: 40225343011 Collected: 04/15/21 16:39 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/20/21 20:21	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/20/21 20:21	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 20:21	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/20/21 20:21	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/20/21 20:21	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/20/21 20:21	100-42-5	
Tetrachloroethene	7.0	ug/L	1.0	0.41	1		04/20/21 20:21	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/20/21 20:21	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/20/21 20:21	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/20/21 20:21	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 20:21	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/20/21 20:21	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/20/21 20:21	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/20/21 20:21	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/20/21 20:21	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/20/21 20:21	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 20:21	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/20/21 20:21	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 20:21	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/20/21 20:21	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/20/21 20:21	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/20/21 20:21	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/20/21 20:21	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/20/21 20:21	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/20/21 20:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/20/21 20:21	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		04/20/21 20:21	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/20/21 20:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: MW-3D-202104 **Lab ID: 40225343012** Collected: 04/14/21 15:46 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		04/20/21 23:43	630-20-6	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		04/20/21 23:43	71-55-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		04/20/21 23:43	79-34-5	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		04/20/21 23:43	79-00-5	
1,1,2-Trichlorotrifluoroethane	<3.8	ug/L	50.0	3.8	10		04/20/21 23:43	76-13-1	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		04/20/21 23:43	75-34-3	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		04/20/21 23:43	75-35-4	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		04/20/21 23:43	563-58-6	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		04/20/21 23:43	87-61-6	
1,2,3-Trichloropropane	<5.6	ug/L	50.0	5.6	10		04/20/21 23:43	96-18-4	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		04/20/21 23:43	120-82-1	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		04/20/21 23:43	95-63-6	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		04/20/21 23:43	96-12-8	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		04/20/21 23:43	106-93-4	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		04/20/21 23:43	95-50-1	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		04/20/21 23:43	107-06-2	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		04/20/21 23:43	78-87-5	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		04/20/21 23:43	108-67-8	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		04/20/21 23:43	541-73-1	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		04/20/21 23:43	142-28-9	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		04/20/21 23:43	106-46-7	
2,2-Dichloropropane	<41.8	ug/L	50.0	41.8	10		04/20/21 23:43	594-20-7	
2-Butanone (MEK)	<65.2	ug/L	250	65.2	10		04/20/21 23:43	78-93-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/20/21 23:43	95-49-8	
2-Hexanone	<62.8	ug/L	250	62.8	10		04/20/21 23:43	591-78-6	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/20/21 23:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	<59.5	ug/L	250	59.5	10		04/20/21 23:43	108-10-1	
Acetone	<86.4	ug/L	250	86.4	10		04/20/21 23:43	67-64-1	
Benzene	<3.0	ug/L	10.0	3.0	10		04/20/21 23:43	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		04/20/21 23:43	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		04/20/21 23:43	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		04/20/21 23:43	75-27-4	
Bromoform	<38.0	ug/L	50.0	38.0	10		04/20/21 23:43	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		04/20/21 23:43	74-83-9	
Carbon disulfide	<11.0	ug/L	50.0	11.0	10		04/20/21 23:43	75-15-0	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		04/20/21 23:43	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		04/20/21 23:43	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		04/20/21 23:43	75-00-3	
Chloroform	<11.8	ug/L	50.0	11.8	10		04/20/21 23:43	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		04/20/21 23:43	74-87-3	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		04/20/21 23:43	124-48-1	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		04/20/21 23:43	74-95-3	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		04/20/21 23:43	75-71-8	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		04/20/21 23:43	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		04/20/21 23:43	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: MW-3D-202104 **Lab ID: 40225343012** Collected: 04/14/21 15:46 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		04/20/21 23:43	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		04/20/21 23:43	98-82-8	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		04/20/21 23:43	1634-04-4	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		04/20/21 23:43	75-09-2	
Naphthalene	<11.3	ug/L	50.0	11.3	10		04/20/21 23:43	91-20-3	
Styrene	<3.6	ug/L	10.0	3.6	10		04/20/21 23:43	100-42-5	
Tetrachloroethene	807	ug/L	10.0	4.1	10		04/20/21 23:43	127-18-4	
Tetrahydrofuran	<24.2	ug/L	250	24.2	10		04/20/21 23:43	109-99-9	
Toluene	<2.9	ug/L	10.0	2.9	10		04/20/21 23:43	108-88-3	
Trichloroethene	56.4	ug/L	10.0	3.2	10		04/20/21 23:43	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		04/20/21 23:43	75-69-4	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		04/20/21 23:43	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		04/20/21 23:43	1330-20-7	
cis-1,2-Dichloroethene	49.8	ug/L	10.0	4.7	10		04/20/21 23:43	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	10.0	3.6	10		04/20/21 23:43	10061-01-5	
m&p-Xylene	<7.0	ug/L	20.0	7.0	10		04/20/21 23:43	179601-23-1	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		04/20/21 23:43	104-51-8	
n-Hexane	<14.6	ug/L	50.0	14.6	10		04/20/21 23:43	110-54-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		04/20/21 23:43	103-65-1	
o-Xylene	<3.5	ug/L	10.0	3.5	10		04/20/21 23:43	95-47-6	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		04/20/21 23:43	99-87-6	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		04/20/21 23:43	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		04/20/21 23:43	98-06-6	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		04/20/21 23:43	156-60-5	
trans-1,3-Dichloropropene	<34.6	ug/L	50.0	34.6	10		04/20/21 23:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		10		04/20/21 23:43	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		10		04/20/21 23:43	1868-53-7	
Toluene-d8 (S)	96	%	70-130		10		04/20/21 23:43	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-3D2-202104 **Lab ID: 40225343013** Collected: 04/14/21 14:38 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/20/21 20:43	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 20:43	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/20/21 20:43	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/20/21 20:43	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/20/21 20:43	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 20:43	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/20/21 20:43	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/20/21 20:43	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/20/21 20:43	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/20/21 20:43	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/20/21 20:43	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/20/21 20:43	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/20/21 20:43	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/20/21 20:43	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 20:43	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/20/21 20:43	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/20/21 20:43	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 20:43	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 20:43	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/20/21 20:43	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/20/21 20:43	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/20/21 20:43	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/20/21 20:43	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 20:43	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/20/21 20:43	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 20:43	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/20/21 20:43	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/20/21 20:43	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/20/21 20:43	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 20:43	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/20/21 20:43	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 20:43	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/20/21 20:43	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/20/21 20:43	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/20/21 20:43	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/20/21 20:43	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 20:43	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/20/21 20:43	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/20/21 20:43	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/20/21 20:43	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/20/21 20:43	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/20/21 20:43	74-95-3	
Dichlorodifluoromethane	2.3J	ug/L	5.0	0.46	1		04/20/21 20:43	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 20:43	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 20:43	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: MW-3D2-202104 **Lab ID: 40225343013** Collected: 04/14/21 14:38 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/20/21 20:43	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/20/21 20:43	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 20:43	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/20/21 20:43	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/20/21 20:43	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/20/21 20:43	100-42-5	
Tetrachloroethene	394	ug/L	10.0	4.1	10		04/21/21 08:46	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/20/21 20:43	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/20/21 20:43	108-88-3	
Trichloroethene	16.4	ug/L	1.0	0.32	1		04/20/21 20:43	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 20:43	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/20/21 20:43	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/20/21 20:43	1330-20-7	
cis-1,2-Dichloroethene	19.5	ug/L	1.0	0.47	1		04/20/21 20:43	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/20/21 20:43	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/20/21 20:43	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 20:43	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/20/21 20:43	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 20:43	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/20/21 20:43	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/20/21 20:43	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/20/21 20:43	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/20/21 20:43	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/20/21 20:43	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/20/21 20:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/20/21 20:43	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		04/20/21 20:43	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/20/21 20:43	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-4D2-202104 Lab ID: 40225343014 Collected: 04/14/21 13:44 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/21 08:01	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/21 08:01	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/21 08:01	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/21 08:01	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/21/21 08:01	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/21 08:01	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/21 08:01	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/21 08:01	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/21 08:01	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/21 08:01	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/21 08:01	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/21 08:01	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/21 08:01	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/21 08:01	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/21 08:01	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/21 08:01	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/21 08:01	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/21 08:01	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/21 08:01	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/21 08:01	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/21 08:01	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/21 08:01	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/21/21 08:01	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/21 08:01	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/21/21 08:01	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/21 08:01	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/21/21 08:01	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/21/21 08:01	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/21/21 08:01	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/21 08:01	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/21 08:01	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/21 08:01	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/21 08:01	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/21 08:01	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/21/21 08:01	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/21 08:01	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/21/21 08:01	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/21 08:01	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/21 08:01	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/21 08:01	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/21 08:01	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/21 08:01	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/21 08:01	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/21 08:01	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/21 08:01	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-4D2-202104 **Lab ID: 40225343014** Collected: 04/14/21 13:44 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/21 08:01	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/21 08:01	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/21 08:01	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/21 08:01	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/21/21 08:01	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/21 08:01	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/21 08:01	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/21/21 08:01	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/21 08:01	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/21 08:01	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/21 08:01	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/21/21 08:01	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/21/21 08:01	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/21 08:01	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/21 08:01	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/21 08:01	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/21 08:01	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/21/21 08:01	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/21 08:01	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/21 08:01	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/21 08:01	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/21 08:01	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/21 08:01	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/21 08:01	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/21 08:01	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/21/21 08:01	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		04/21/21 08:01	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		04/21/21 08:01	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-5D-202104 Lab ID: 40225343015 Collected: 04/14/21 12:12 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		04/21/21 00:06	630-20-6	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		04/21/21 00:06	71-55-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		04/21/21 00:06	79-34-5	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		04/21/21 00:06	79-00-5	
1,1,2-Trichlorotrifluoroethane	<3.8	ug/L	50.0	3.8	10		04/21/21 00:06	76-13-1	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		04/21/21 00:06	75-34-3	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		04/21/21 00:06	75-35-4	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		04/21/21 00:06	563-58-6	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		04/21/21 00:06	87-61-6	
1,2,3-Trichloropropane	<5.6	ug/L	50.0	5.6	10		04/21/21 00:06	96-18-4	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		04/21/21 00:06	120-82-1	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		04/21/21 00:06	95-63-6	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		04/21/21 00:06	96-12-8	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		04/21/21 00:06	106-93-4	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		04/21/21 00:06	95-50-1	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		04/21/21 00:06	107-06-2	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		04/21/21 00:06	78-87-5	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		04/21/21 00:06	108-67-8	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		04/21/21 00:06	541-73-1	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		04/21/21 00:06	142-28-9	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		04/21/21 00:06	106-46-7	
2,2-Dichloropropane	<41.8	ug/L	50.0	41.8	10		04/21/21 00:06	594-20-7	
2-Butanone (MEK)	<65.2	ug/L	250	65.2	10		04/21/21 00:06	78-93-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/21/21 00:06	95-49-8	
2-Hexanone	<62.8	ug/L	250	62.8	10		04/21/21 00:06	591-78-6	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/21/21 00:06	106-43-4	
4-Methyl-2-pentanone (MIBK)	<59.5	ug/L	250	59.5	10		04/21/21 00:06	108-10-1	
Acetone	<86.4	ug/L	250	86.4	10		04/21/21 00:06	67-64-1	
Benzene	<3.0	ug/L	10.0	3.0	10		04/21/21 00:06	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		04/21/21 00:06	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		04/21/21 00:06	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		04/21/21 00:06	75-27-4	
Bromoform	<38.0	ug/L	50.0	38.0	10		04/21/21 00:06	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		04/21/21 00:06	74-83-9	
Carbon disulfide	<11.0	ug/L	50.0	11.0	10		04/21/21 00:06	75-15-0	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		04/21/21 00:06	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		04/21/21 00:06	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		04/21/21 00:06	75-00-3	
Chloroform	<11.8	ug/L	50.0	11.8	10		04/21/21 00:06	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		04/21/21 00:06	74-87-3	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		04/21/21 00:06	124-48-1	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		04/21/21 00:06	74-95-3	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		04/21/21 00:06	75-71-8	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		04/21/21 00:06	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		04/21/21 00:06	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: MW-5D-202104 Lab ID: 40225343015 Collected: 04/14/21 12:12 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		04/21/21 00:06	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		04/21/21 00:06	98-82-8	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		04/21/21 00:06	1634-04-4	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		04/21/21 00:06	75-09-2	
Naphthalene	<11.3	ug/L	50.0	11.3	10		04/21/21 00:06	91-20-3	
Styrene	<3.6	ug/L	10.0	3.6	10		04/21/21 00:06	100-42-5	
Tetrachloroethene	428	ug/L	10.0	4.1	10		04/21/21 00:06	127-18-4	
Tetrahydrofuran	<24.2	ug/L	250	24.2	10		04/21/21 00:06	109-99-9	
Toluene	<2.9	ug/L	10.0	2.9	10		04/21/21 00:06	108-88-3	
Trichloroethene	10.9	ug/L	10.0	3.2	10		04/21/21 00:06	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		04/21/21 00:06	75-69-4	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		04/21/21 00:06	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		04/21/21 00:06	1330-20-7	
cis-1,2-Dichloroethene	11.5	ug/L	10.0	4.7	10		04/21/21 00:06	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	10.0	3.6	10		04/21/21 00:06	10061-01-5	
m&p-Xylene	<7.0	ug/L	20.0	7.0	10		04/21/21 00:06	179601-23-1	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		04/21/21 00:06	104-51-8	
n-Hexane	<14.6	ug/L	50.0	14.6	10		04/21/21 00:06	110-54-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		04/21/21 00:06	103-65-1	
o-Xylene	<3.5	ug/L	10.0	3.5	10		04/21/21 00:06	95-47-6	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		04/21/21 00:06	99-87-6	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		04/21/21 00:06	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		04/21/21 00:06	98-06-6	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		04/21/21 00:06	156-60-5	
trans-1,3-Dichloropropene	<34.6	ug/L	50.0	34.6	10		04/21/21 00:06	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		10		04/21/21 00:06	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		10		04/21/21 00:06	1868-53-7	
Toluene-d8 (S)	96	%	70-130		10		04/21/21 00:06	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-5D2-202104 **Lab ID: 40225343016** Collected: 04/14/21 13:29 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<8.9	ug/L	25.0	8.9	25		04/21/21 09:09	630-20-6	
1,1,1-Trichloroethane	<7.6	ug/L	25.0	7.6	25		04/21/21 09:09	71-55-6	
1,1,2,2-Tetrachloroethane	<9.4	ug/L	25.0	9.4	25		04/21/21 09:09	79-34-5	
1,1,2-Trichloroethane	<8.6	ug/L	125	8.6	25		04/21/21 09:09	79-00-5	
1,1,2-Trichlorotrifluoroethane	<9.5	ug/L	125	9.5	25		04/21/21 09:09	76-13-1	
1,1-Dichloroethane	<7.4	ug/L	25.0	7.4	25		04/21/21 09:09	75-34-3	
1,1-Dichloroethene	<14.6	ug/L	25.0	14.6	25		04/21/21 09:09	75-35-4	
1,1-Dichloropropene	<10.3	ug/L	25.0	10.3	25		04/21/21 09:09	563-58-6	
1,2,3-Trichlorobenzene	<25.5	ug/L	125	25.5	25		04/21/21 09:09	87-61-6	
1,2,3-Trichloropropane	<13.9	ug/L	125	13.9	25		04/21/21 09:09	96-18-4	
1,2,4-Trichlorobenzene	<23.8	ug/L	125	23.8	25		04/21/21 09:09	120-82-1	
1,2,4-Trimethylbenzene	<11.2	ug/L	25.0	11.2	25		04/21/21 09:09	95-63-6	
1,2-Dibromo-3-chloropropane	<59.2	ug/L	125	59.2	25		04/21/21 09:09	96-12-8	
1,2-Dibromoethane (EDB)	<7.7	ug/L	25.0	7.7	25		04/21/21 09:09	106-93-4	
1,2-Dichlorobenzene	<8.1	ug/L	25.0	8.1	25		04/21/21 09:09	95-50-1	
1,2-Dichloroethane	<7.3	ug/L	25.0	7.3	25		04/21/21 09:09	107-06-2	
1,2-Dichloropropane	<11.2	ug/L	25.0	11.2	25		04/21/21 09:09	78-87-5	
1,3,5-Trimethylbenzene	<8.9	ug/L	25.0	8.9	25		04/21/21 09:09	108-67-8	
1,3-Dichlorobenzene	<8.8	ug/L	25.0	8.8	25		04/21/21 09:09	541-73-1	
1,3-Dichloropropane	<7.6	ug/L	25.0	7.6	25		04/21/21 09:09	142-28-9	
1,4-Dichlorobenzene	<22.3	ug/L	25.0	22.3	25		04/21/21 09:09	106-46-7	
2,2-Dichloropropane	<104	ug/L	125	104	25		04/21/21 09:09	594-20-7	
2-Butanone (MEK)	<163	ug/L	625	163	25		04/21/21 09:09	78-93-3	
2-Chlorotoluene	<22.2	ug/L	125	22.2	25		04/21/21 09:09	95-49-8	
2-Hexanone	<157	ug/L	625	157	25		04/21/21 09:09	591-78-6	
4-Chlorotoluene	<22.4	ug/L	125	22.4	25		04/21/21 09:09	106-43-4	
4-Methyl-2-pentanone (MIBK)	<149	ug/L	625	149	25		04/21/21 09:09	108-10-1	
Acetone	<216	ug/L	625	216	25		04/21/21 09:09	67-64-1	
Benzene	<7.4	ug/L	25.0	7.4	25		04/21/21 09:09	71-43-2	
Bromobenzene	<9.0	ug/L	25.0	9.0	25		04/21/21 09:09	108-86-1	
Bromochloromethane	<8.9	ug/L	125	8.9	25		04/21/21 09:09	74-97-5	
Bromodichloromethane	<10.4	ug/L	25.0	10.4	25		04/21/21 09:09	75-27-4	
Bromoform	<95.0	ug/L	125	95.0	25		04/21/21 09:09	75-25-2	
Bromomethane	<29.8	ug/L	125	29.8	25		04/21/21 09:09	74-83-9	
Carbon disulfide	<27.6	ug/L	125	27.6	25		04/21/21 09:09	75-15-0	
Carbon tetrachloride	<9.2	ug/L	25.0	9.2	25		04/21/21 09:09	56-23-5	
Chlorobenzene	<21.4	ug/L	25.0	21.4	25		04/21/21 09:09	108-90-7	
Chloroethane	<34.5	ug/L	125	34.5	25		04/21/21 09:09	75-00-3	
Chloroform	<29.6	ug/L	125	29.6	25		04/21/21 09:09	67-66-3	
Chloromethane	<40.9	ug/L	125	40.9	25		04/21/21 09:09	74-87-3	
Dibromochloromethane	<66.1	ug/L	125	66.1	25		04/21/21 09:09	124-48-1	
Dibromomethane	<24.8	ug/L	125	24.8	25		04/21/21 09:09	74-95-3	
Dichlorodifluoromethane	<11.4	ug/L	125	11.4	25		04/21/21 09:09	75-71-8	
Diisopropyl ether	<27.5	ug/L	125	27.5	25		04/21/21 09:09	108-20-3	
Ethylbenzene	<8.1	ug/L	25.0	8.1	25		04/21/21 09:09	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-5D2-202104 **Lab ID: 40225343016** Collected: 04/14/21 13:29 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<68.4	ug/L	125	68.4	25		04/21/21 09:09	87-68-3	
Isopropylbenzene (Cumene)	<25.0	ug/L	125	25.0	25		04/21/21 09:09	98-82-8	
Methyl-tert-butyl ether	<28.2	ug/L	125	28.2	25		04/21/21 09:09	1634-04-4	
Methylene Chloride	<8.0	ug/L	125	8.0	25		04/21/21 09:09	75-09-2	
Naphthalene	<28.2	ug/L	125	28.2	25		04/21/21 09:09	91-20-3	
Styrene	<8.9	ug/L	25.0	8.9	25		04/21/21 09:09	100-42-5	
Tetrachloroethene	1780	ug/L	25.0	10.2	25		04/21/21 09:09	127-18-4	
Tetrahydrofuran	<60.5	ug/L	625	60.5	25		04/21/21 09:09	109-99-9	
Toluene	<7.2	ug/L	25.0	7.2	25		04/21/21 09:09	108-88-3	
Trichloroethene	19.7J	ug/L	25.0	8.0	25		04/21/21 09:09	79-01-6	
Trichlorofluoromethane	<10.5	ug/L	25.0	10.5	25		04/21/21 09:09	75-69-4	
Vinyl chloride	<4.4	ug/L	25.0	4.4	25		04/21/21 09:09	75-01-4	
Xylene (Total)	<26.2	ug/L	75.0	26.2	25		04/21/21 09:09	1330-20-7	
cis-1,2-Dichloroethene	<11.8	ug/L	25.0	11.8	25		04/21/21 09:09	156-59-2	
cis-1,3-Dichloropropene	<9.0	ug/L	25.0	9.0	25		04/21/21 09:09	10061-01-5	
m&p-Xylene	<17.5	ug/L	50.0	17.5	25		04/21/21 09:09	179601-23-1	
n-Butylbenzene	<21.4	ug/L	25.0	21.4	25		04/21/21 09:09	104-51-8	
n-Hexane	<36.6	ug/L	125	36.6	25		04/21/21 09:09	110-54-3	
n-Propylbenzene	<8.6	ug/L	25.0	8.6	25		04/21/21 09:09	103-65-1	
o-Xylene	<8.7	ug/L	25.0	8.7	25		04/21/21 09:09	95-47-6	
p-Isopropyltoluene	<26.1	ug/L	125	26.1	25		04/21/21 09:09	99-87-6	
sec-Butylbenzene	<10.6	ug/L	25.0	10.6	25		04/21/21 09:09	135-98-8	
tert-Butylbenzene	<14.7	ug/L	25.0	14.7	25		04/21/21 09:09	98-06-6	
trans-1,2-Dichloroethene	<13.2	ug/L	25.0	13.2	25		04/21/21 09:09	156-60-5	
trans-1,3-Dichloropropene	<86.6	ug/L	125	86.6	25		04/21/21 09:09	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		25		04/21/21 09:09	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		25		04/21/21 09:09	1868-53-7	
Toluene-d8 (S)	97	%	70-130		25		04/21/21 09:09	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-5D3-202104 Lab ID: 40225343017 Collected: 04/14/21 11:10 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/20/21 19:58	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 19:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/20/21 19:58	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/20/21 19:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/20/21 19:58	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 19:58	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/20/21 19:58	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/20/21 19:58	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/20/21 19:58	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/20/21 19:58	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/20/21 19:58	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/20/21 19:58	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/20/21 19:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/20/21 19:58	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 19:58	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/20/21 19:58	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/20/21 19:58	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:58	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 19:58	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/20/21 19:58	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/20/21 19:58	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/20/21 19:58	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/20/21 19:58	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 19:58	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/20/21 19:58	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 19:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/20/21 19:58	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/20/21 19:58	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/20/21 19:58	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:58	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/20/21 19:58	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 19:58	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/20/21 19:58	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/20/21 19:58	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/20/21 19:58	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/20/21 19:58	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 19:58	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/20/21 19:58	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/20/21 19:58	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/20/21 19:58	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/20/21 19:58	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/20/21 19:58	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/20/21 19:58	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 19:58	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 19:58	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-5D3-202104 **Lab ID: 40225343017** Collected: 04/14/21 11:10 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/20/21 19:58	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/20/21 19:58	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 19:58	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/20/21 19:58	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/20/21 19:58	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:58	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/20/21 19:58	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/20/21 19:58	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/20/21 19:58	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/20/21 19:58	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 19:58	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/20/21 19:58	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/20/21 19:58	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/20/21 19:58	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:58	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/20/21 19:58	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 19:58	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/20/21 19:58	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 19:58	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/20/21 19:58	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/20/21 19:58	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/20/21 19:58	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/20/21 19:58	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/20/21 19:58	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/20/21 19:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/20/21 19:58	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/20/21 19:58	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/20/21 19:58	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-6D-202104 **Lab ID: 40225343018** Collected: 04/15/21 12:55 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		04/21/21 00:51	630-20-6	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		04/21/21 00:51	71-55-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		04/21/21 00:51	79-34-5	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		04/21/21 00:51	79-00-5	
1,1,2-Trichlorotrifluoroethane	<3.8	ug/L	50.0	3.8	10		04/21/21 00:51	76-13-1	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		04/21/21 00:51	75-34-3	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		04/21/21 00:51	75-35-4	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		04/21/21 00:51	563-58-6	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		04/21/21 00:51	87-61-6	
1,2,3-Trichloropropane	<5.6	ug/L	50.0	5.6	10		04/21/21 00:51	96-18-4	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		04/21/21 00:51	120-82-1	
1,2,4-Trimethylbenzene	9.9J	ug/L	10.0	4.5	10		04/21/21 00:51	95-63-6	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		04/21/21 00:51	96-12-8	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		04/21/21 00:51	106-93-4	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		04/21/21 00:51	95-50-1	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		04/21/21 00:51	107-06-2	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		04/21/21 00:51	78-87-5	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		04/21/21 00:51	108-67-8	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		04/21/21 00:51	541-73-1	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		04/21/21 00:51	142-28-9	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		04/21/21 00:51	106-46-7	
2,2-Dichloropropane	<41.8	ug/L	50.0	41.8	10		04/21/21 00:51	594-20-7	
2-Butanone (MEK)	<65.2	ug/L	250	65.2	10		04/21/21 00:51	78-93-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/21/21 00:51	95-49-8	
2-Hexanone	<62.8	ug/L	250	62.8	10		04/21/21 00:51	591-78-6	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/21/21 00:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	<59.5	ug/L	250	59.5	10		04/21/21 00:51	108-10-1	
Acetone	<86.4	ug/L	250	86.4	10		04/21/21 00:51	67-64-1	
Benzene	432	ug/L	10.0	3.0	10		04/21/21 00:51	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		04/21/21 00:51	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		04/21/21 00:51	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		04/21/21 00:51	75-27-4	
Bromoform	<38.0	ug/L	50.0	38.0	10		04/21/21 00:51	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		04/21/21 00:51	74-83-9	
Carbon disulfide	<11.0	ug/L	50.0	11.0	10		04/21/21 00:51	75-15-0	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		04/21/21 00:51	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		04/21/21 00:51	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		04/21/21 00:51	75-00-3	
Chloroform	<11.8	ug/L	50.0	11.8	10		04/21/21 00:51	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		04/21/21 00:51	74-87-3	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		04/21/21 00:51	124-48-1	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		04/21/21 00:51	74-95-3	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		04/21/21 00:51	75-71-8	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		04/21/21 00:51	108-20-3	
Ethylbenzene	3.4J	ug/L	10.0	3.3	10		04/21/21 00:51	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-6D-202104 **Lab ID: 40225343018** Collected: 04/15/21 12:55 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		04/21/21 00:51	87-68-3	
Isopropylbenzene (Cumene)	15.0J	ug/L	50.0	10.0	10		04/21/21 00:51	98-82-8	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		04/21/21 00:51	1634-04-4	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		04/21/21 00:51	75-09-2	
Naphthalene	<11.3	ug/L	50.0	11.3	10		04/21/21 00:51	91-20-3	
Styrene	<3.6	ug/L	10.0	3.6	10		04/21/21 00:51	100-42-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		04/21/21 00:51	127-18-4	
Tetrahydrofuran	<24.2	ug/L	250	24.2	10		04/21/21 00:51	109-99-9	
Toluene	20.6	ug/L	10.0	2.9	10		04/21/21 00:51	108-88-3	
Trichloroethene	6.9J	ug/L	10.0	3.2	10		04/21/21 00:51	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		04/21/21 00:51	75-69-4	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		04/21/21 00:51	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		04/21/21 00:51	1330-20-7	
cis-1,2-Dichloroethene	8.1J	ug/L	10.0	4.7	10		04/21/21 00:51	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	10.0	3.6	10		04/21/21 00:51	10061-01-5	
m&p-Xylene	<7.0	ug/L	20.0	7.0	10		04/21/21 00:51	179601-23-1	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		04/21/21 00:51	104-51-8	
n-Hexane	<14.6	ug/L	50.0	14.6	10		04/21/21 00:51	110-54-3	
n-Propylbenzene	6.2J	ug/L	10.0	3.5	10		04/21/21 00:51	103-65-1	
o-Xylene	<3.5	ug/L	10.0	3.5	10		04/21/21 00:51	95-47-6	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		04/21/21 00:51	99-87-6	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		04/21/21 00:51	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		04/21/21 00:51	98-06-6	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		04/21/21 00:51	156-60-5	
trans-1,3-Dichloropropene	<34.6	ug/L	50.0	34.6	10		04/21/21 00:51	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		10		04/21/21 00:51	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		10		04/21/21 00:51	1868-53-7	
Toluene-d8 (S)	98	%	70-130		10		04/21/21 00:51	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-9D2-202104 Lab ID: 40225343019 Collected: 04/14/21 16:13 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/20/21 21:28	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 21:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/20/21 21:28	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/20/21 21:28	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/20/21 21:28	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 21:28	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/20/21 21:28	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/20/21 21:28	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/20/21 21:28	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/20/21 21:28	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/20/21 21:28	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/20/21 21:28	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/20/21 21:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/20/21 21:28	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 21:28	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/20/21 21:28	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/20/21 21:28	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 21:28	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 21:28	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/20/21 21:28	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/20/21 21:28	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/20/21 21:28	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/20/21 21:28	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 21:28	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/20/21 21:28	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 21:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/20/21 21:28	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/20/21 21:28	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/20/21 21:28	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 21:28	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/20/21 21:28	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 21:28	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/20/21 21:28	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/20/21 21:28	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/20/21 21:28	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/20/21 21:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 21:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/20/21 21:28	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/20/21 21:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/20/21 21:28	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/20/21 21:28	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/20/21 21:28	74-95-3	
Dichlorodifluoromethane	0.48J	ug/L	5.0	0.46	1		04/20/21 21:28	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 21:28	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 21:28	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-9D2-202104 **Lab ID: 40225343019** Collected: 04/14/21 16:13 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/20/21 21:28	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/20/21 21:28	98-82-8	
Methyl-tert-butyl ether	14.1	ug/L	5.0	1.1	1		04/20/21 21:28	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/20/21 21:28	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/20/21 21:28	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/20/21 21:28	100-42-5	
Tetrachloroethene	262	ug/L	1.0	0.41	1		04/20/21 21:28	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/20/21 21:28	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/20/21 21:28	108-88-3	
Trichloroethene	54.6	ug/L	1.0	0.32	1		04/20/21 21:28	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 21:28	75-69-4	
Vinyl chloride	3.9	ug/L	1.0	0.17	1		04/20/21 21:28	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/20/21 21:28	1330-20-7	
cis-1,2-Dichloroethene	103	ug/L	1.0	0.47	1		04/20/21 21:28	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/20/21 21:28	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/20/21 21:28	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 21:28	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/20/21 21:28	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 21:28	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/20/21 21:28	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/20/21 21:28	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/20/21 21:28	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/20/21 21:28	98-06-6	
trans-1,2-Dichloroethene	1.5	ug/L	1.0	0.53	1		04/20/21 21:28	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/20/21 21:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/20/21 21:28	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		04/20/21 21:28	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/20/21 21:28	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-17-202104 Lab ID: 40225343020 Collected: 04/15/21 11:27 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		04/21/21 01:13	630-20-6	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		04/21/21 01:13	71-55-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		04/21/21 01:13	79-34-5	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		04/21/21 01:13	79-00-5	
1,1,2-Trichlorotrifluoroethane	<3.8	ug/L	50.0	3.8	10		04/21/21 01:13	76-13-1	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		04/21/21 01:13	75-34-3	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		04/21/21 01:13	75-35-4	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		04/21/21 01:13	563-58-6	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		04/21/21 01:13	87-61-6	
1,2,3-Trichloropropane	<5.6	ug/L	50.0	5.6	10		04/21/21 01:13	96-18-4	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		04/21/21 01:13	120-82-1	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		04/21/21 01:13	95-63-6	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		04/21/21 01:13	96-12-8	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		04/21/21 01:13	106-93-4	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		04/21/21 01:13	95-50-1	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		04/21/21 01:13	107-06-2	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		04/21/21 01:13	78-87-5	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		04/21/21 01:13	108-67-8	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		04/21/21 01:13	541-73-1	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		04/21/21 01:13	142-28-9	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		04/21/21 01:13	106-46-7	
2,2-Dichloropropane	<41.8	ug/L	50.0	41.8	10		04/21/21 01:13	594-20-7	
2-Butanone (MEK)	<65.2	ug/L	250	65.2	10		04/21/21 01:13	78-93-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/21/21 01:13	95-49-8	
2-Hexanone	<62.8	ug/L	250	62.8	10		04/21/21 01:13	591-78-6	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/21/21 01:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	<59.5	ug/L	250	59.5	10		04/21/21 01:13	108-10-1	
Acetone	<86.4	ug/L	250	86.4	10		04/21/21 01:13	67-64-1	
Benzene	<3.0	ug/L	10.0	3.0	10		04/21/21 01:13	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		04/21/21 01:13	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		04/21/21 01:13	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		04/21/21 01:13	75-27-4	
Bromoform	<38.0	ug/L	50.0	38.0	10		04/21/21 01:13	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		04/21/21 01:13	74-83-9	
Carbon disulfide	<11.0	ug/L	50.0	11.0	10		04/21/21 01:13	75-15-0	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		04/21/21 01:13	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		04/21/21 01:13	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		04/21/21 01:13	75-00-3	
Chloroform	<11.8	ug/L	50.0	11.8	10		04/21/21 01:13	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		04/21/21 01:13	74-87-3	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		04/21/21 01:13	124-48-1	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		04/21/21 01:13	74-95-3	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		04/21/21 01:13	75-71-8	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		04/21/21 01:13	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		04/21/21 01:13	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-17-202104 **Lab ID: 40225343020** Collected: 04/15/21 11:27 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		04/21/21 01:13	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		04/21/21 01:13	98-82-8	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		04/21/21 01:13	1634-04-4	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		04/21/21 01:13	75-09-2	
Naphthalene	<11.3	ug/L	50.0	11.3	10		04/21/21 01:13	91-20-3	
Styrene	<3.6	ug/L	10.0	3.6	10		04/21/21 01:13	100-42-5	
Tetrachloroethene	616	ug/L	10.0	4.1	10		04/21/21 01:13	127-18-4	
Tetrahydrofuran	<24.2	ug/L	250	24.2	10		04/21/21 01:13	109-99-9	
Toluene	<2.9	ug/L	10.0	2.9	10		04/21/21 01:13	108-88-3	
Trichloroethene	42.7	ug/L	10.0	3.2	10		04/21/21 01:13	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		04/21/21 01:13	75-69-4	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		04/21/21 01:13	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		04/21/21 01:13	1330-20-7	
cis-1,2-Dichloroethene	<4.7	ug/L	10.0	4.7	10		04/21/21 01:13	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	10.0	3.6	10		04/21/21 01:13	10061-01-5	
m&p-Xylene	<7.0	ug/L	20.0	7.0	10		04/21/21 01:13	179601-23-1	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		04/21/21 01:13	104-51-8	
n-Hexane	<14.6	ug/L	50.0	14.6	10		04/21/21 01:13	110-54-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		04/21/21 01:13	103-65-1	
o-Xylene	<3.5	ug/L	10.0	3.5	10		04/21/21 01:13	95-47-6	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		04/21/21 01:13	99-87-6	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		04/21/21 01:13	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		04/21/21 01:13	98-06-6	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		04/21/21 01:13	156-60-5	
trans-1,3-Dichloropropene	<34.6	ug/L	50.0	34.6	10		04/21/21 01:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		10		04/21/21 01:13	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		10		04/21/21 01:13	1868-53-7	
Toluene-d8 (S)	95	%	70-130		10		04/21/21 01:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-25D2-202104 **Lab ID: 40225343021** Collected: 04/12/21 17:22 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/21 07:38	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/21 07:38	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/21 07:38	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/21 07:38	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/21/21 07:38	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/21 07:38	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/21 07:38	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/21 07:38	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/21 07:38	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/21 07:38	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/21 07:38	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/21 07:38	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/21 07:38	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/21 07:38	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/21 07:38	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/21 07:38	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/21 07:38	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/21 07:38	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/21 07:38	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/21 07:38	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/21 07:38	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/21 07:38	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/21/21 07:38	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/21 07:38	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/21/21 07:38	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/21 07:38	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/21/21 07:38	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/21/21 07:38	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/21/21 07:38	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/21 07:38	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/21 07:38	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/21 07:38	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/21 07:38	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/21 07:38	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/21/21 07:38	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/21 07:38	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/21/21 07:38	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/21 07:38	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/21 07:38	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/21 07:38	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/21 07:38	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/21 07:38	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/21 07:38	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/21 07:38	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/21 07:38	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: MW-25D2-202104 Lab ID: 40225343021 Collected: 04/12/21 17:22 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/21 07:38	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/21 07:38	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/21 07:38	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/21 07:38	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/21/21 07:38	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/21 07:38	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/21 07:38	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/21/21 07:38	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/21 07:38	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/21 07:38	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/21 07:38	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/21/21 07:38	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/21/21 07:38	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/21 07:38	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/21 07:38	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/21 07:38	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/21 07:38	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/21/21 07:38	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/21 07:38	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/21 07:38	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/21 07:38	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/21 07:38	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/21 07:38	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/21 07:38	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/21 07:38	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/21/21 07:38	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		04/21/21 07:38	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		04/21/21 07:38	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-27D-202104 **Lab ID: 40225343022** Collected: 04/13/21 10:19 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/21 07:16	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/21 07:16	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/21 07:16	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/21 07:16	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/21/21 07:16	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/21 07:16	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/21 07:16	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/21 07:16	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/21 07:16	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/21 07:16	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/21 07:16	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/21 07:16	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/21 07:16	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/21 07:16	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/21 07:16	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/21 07:16	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/21 07:16	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/21 07:16	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/21 07:16	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/21 07:16	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/21 07:16	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/21 07:16	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/21/21 07:16	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/21 07:16	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/21/21 07:16	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/21 07:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/21/21 07:16	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/21/21 07:16	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/21/21 07:16	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/21 07:16	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/21 07:16	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/21 07:16	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/21 07:16	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/21 07:16	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/21/21 07:16	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/21 07:16	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/21/21 07:16	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/21 07:16	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/21 07:16	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/21 07:16	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/21 07:16	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/21 07:16	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/21 07:16	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/21 07:16	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/21 07:16	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: MW-27D-202104 Lab ID: 40225343022 Collected: 04/13/21 10:19 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/21 07:16	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/21 07:16	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/21 07:16	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/21 07:16	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/21/21 07:16	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/21 07:16	100-42-5	
Tetrachloroethene	0.96J	ug/L	1.0	0.41	1		04/21/21 07:16	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/21/21 07:16	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/21 07:16	108-88-3	
Trichloroethene	0.81J	ug/L	1.0	0.32	1		04/21/21 07:16	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/21 07:16	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/21/21 07:16	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/21/21 07:16	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/21 07:16	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/21 07:16	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/21 07:16	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/21 07:16	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/21/21 07:16	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/21 07:16	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/21 07:16	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/21 07:16	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/21 07:16	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/21 07:16	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/21 07:16	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/21 07:16	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/21/21 07:16	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		04/21/21 07:16	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		04/21/21 07:16	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-14_135-140-202104 Lab ID: 40225343023 Collected: 04/12/21 13:20 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/20/21 22:36	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 22:36	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/20/21 22:36	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/20/21 22:36	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/20/21 22:36	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 22:36	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/20/21 22:36	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/20/21 22:36	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/20/21 22:36	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/20/21 22:36	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/20/21 22:36	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/20/21 22:36	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/20/21 22:36	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/20/21 22:36	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 22:36	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/20/21 22:36	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/20/21 22:36	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 22:36	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 22:36	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/20/21 22:36	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/20/21 22:36	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/20/21 22:36	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/20/21 22:36	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 22:36	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/20/21 22:36	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 22:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/20/21 22:36	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/20/21 22:36	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/20/21 22:36	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 22:36	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/20/21 22:36	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 22:36	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/20/21 22:36	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/20/21 22:36	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/20/21 22:36	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/20/21 22:36	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 22:36	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/20/21 22:36	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/20/21 22:36	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/20/21 22:36	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/20/21 22:36	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/20/21 22:36	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/20/21 22:36	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 22:36	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 22:36	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: MW-14_135-140-202104 Lab ID: 40225343023 Collected: 04/12/21 13:20 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/20/21 22:36	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/20/21 22:36	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 22:36	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/20/21 22:36	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/20/21 22:36	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/20/21 22:36	100-42-5	
Tetrachloroethene	109	ug/L	1.0	0.41	1		04/20/21 22:36	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/20/21 22:36	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/20/21 22:36	108-88-3	
Trichloroethene	6.7	ug/L	1.0	0.32	1		04/20/21 22:36	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 22:36	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/20/21 22:36	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/20/21 22:36	1330-20-7	
cis-1,2-Dichloroethene	3.1	ug/L	1.0	0.47	1		04/20/21 22:36	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/20/21 22:36	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/20/21 22:36	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 22:36	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/20/21 22:36	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 22:36	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/20/21 22:36	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/20/21 22:36	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/20/21 22:36	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/20/21 22:36	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/20/21 22:36	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/20/21 22:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/20/21 22:36	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		04/20/21 22:36	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/20/21 22:36	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-16_140-144-202104 Lab ID: 40225343024 Collected: 04/12/21 15:03 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/20/21 22:58	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 22:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/20/21 22:58	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/20/21 22:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/20/21 22:58	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 22:58	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/20/21 22:58	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/20/21 22:58	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/20/21 22:58	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/20/21 22:58	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/20/21 22:58	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/20/21 22:58	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/20/21 22:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/20/21 22:58	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 22:58	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/20/21 22:58	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/20/21 22:58	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 22:58	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 22:58	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/20/21 22:58	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/20/21 22:58	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/20/21 22:58	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/20/21 22:58	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 22:58	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/20/21 22:58	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 22:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/20/21 22:58	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/20/21 22:58	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/20/21 22:58	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 22:58	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/20/21 22:58	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 22:58	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/20/21 22:58	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/20/21 22:58	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/20/21 22:58	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/20/21 22:58	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 22:58	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/20/21 22:58	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/20/21 22:58	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/20/21 22:58	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/20/21 22:58	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/20/21 22:58	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/20/21 22:58	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 22:58	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 22:58	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: MW-16_140-144-202104 Lab ID: 40225343024 Collected: 04/12/21 15:03 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/20/21 22:58	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/20/21 22:58	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 22:58	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/20/21 22:58	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/20/21 22:58	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/20/21 22:58	100-42-5	
Tetrachloroethene	68.0	ug/L	1.0	0.41	1		04/20/21 22:58	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/20/21 22:58	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/20/21 22:58	108-88-3	
Trichloroethene	13.2	ug/L	1.0	0.32	1		04/20/21 22:58	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 22:58	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/20/21 22:58	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/20/21 22:58	1330-20-7	
cis-1,2-Dichloroethene	3.4	ug/L	1.0	0.47	1		04/20/21 22:58	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/20/21 22:58	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/20/21 22:58	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 22:58	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/20/21 22:58	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 22:58	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/20/21 22:58	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/20/21 22:58	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/20/21 22:58	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/20/21 22:58	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/20/21 22:58	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/20/21 22:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/20/21 22:58	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/20/21 22:58	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/20/21 22:58	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: DUP-01-202104 Lab ID: 40225343025 Collected: 04/15/21 00:00 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		04/21/21 01:58	630-20-6	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		04/21/21 01:58	71-55-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		04/21/21 01:58	79-34-5	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		04/21/21 01:58	79-00-5	
1,1,2-Trichlorotrifluoroethane	<3.8	ug/L	50.0	3.8	10		04/21/21 01:58	76-13-1	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		04/21/21 01:58	75-34-3	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		04/21/21 01:58	75-35-4	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		04/21/21 01:58	563-58-6	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		04/21/21 01:58	87-61-6	
1,2,3-Trichloropropane	<5.6	ug/L	50.0	5.6	10		04/21/21 01:58	96-18-4	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		04/21/21 01:58	120-82-1	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		04/21/21 01:58	95-63-6	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		04/21/21 01:58	96-12-8	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		04/21/21 01:58	106-93-4	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		04/21/21 01:58	95-50-1	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		04/21/21 01:58	107-06-2	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		04/21/21 01:58	78-87-5	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		04/21/21 01:58	108-67-8	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		04/21/21 01:58	541-73-1	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		04/21/21 01:58	142-28-9	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		04/21/21 01:58	106-46-7	
2,2-Dichloropropane	<41.8	ug/L	50.0	41.8	10		04/21/21 01:58	594-20-7	
2-Butanone (MEK)	<65.2	ug/L	250	65.2	10		04/21/21 01:58	78-93-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/21/21 01:58	95-49-8	
2-Hexanone	<62.8	ug/L	250	62.8	10		04/21/21 01:58	591-78-6	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/21/21 01:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	<59.5	ug/L	250	59.5	10		04/21/21 01:58	108-10-1	
Acetone	<86.4	ug/L	250	86.4	10		04/21/21 01:58	67-64-1	
Benzene	<3.0	ug/L	10.0	3.0	10		04/21/21 01:58	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		04/21/21 01:58	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		04/21/21 01:58	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		04/21/21 01:58	75-27-4	
Bromoform	<38.0	ug/L	50.0	38.0	10		04/21/21 01:58	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		04/21/21 01:58	74-83-9	
Carbon disulfide	<11.0	ug/L	50.0	11.0	10		04/21/21 01:58	75-15-0	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		04/21/21 01:58	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		04/21/21 01:58	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		04/21/21 01:58	75-00-3	
Chloroform	<11.8	ug/L	50.0	11.8	10		04/21/21 01:58	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		04/21/21 01:58	74-87-3	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		04/21/21 01:58	124-48-1	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		04/21/21 01:58	74-95-3	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		04/21/21 01:58	75-71-8	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		04/21/21 01:58	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		04/21/21 01:58	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: DUP-01-202104 **Lab ID: 40225343025** Collected: 04/15/21 00:00 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		04/21/21 01:58	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		04/21/21 01:58	98-82-8	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		04/21/21 01:58	1634-04-4	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		04/21/21 01:58	75-09-2	
Naphthalene	<11.3	ug/L	50.0	11.3	10		04/21/21 01:58	91-20-3	
Styrene	<3.6	ug/L	10.0	3.6	10		04/21/21 01:58	100-42-5	
Tetrachloroethene	645	ug/L	10.0	4.1	10		04/21/21 01:58	127-18-4	
Tetrahydrofuran	<24.2	ug/L	250	24.2	10		04/21/21 01:58	109-99-9	
Toluene	<2.9	ug/L	10.0	2.9	10		04/21/21 01:58	108-88-3	
Trichloroethene	43.9	ug/L	10.0	3.2	10		04/21/21 01:58	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		04/21/21 01:58	75-69-4	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		04/21/21 01:58	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		04/21/21 01:58	1330-20-7	
cis-1,2-Dichloroethene	<4.7	ug/L	10.0	4.7	10		04/21/21 01:58	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	10.0	3.6	10		04/21/21 01:58	10061-01-5	
m&p-Xylene	<7.0	ug/L	20.0	7.0	10		04/21/21 01:58	179601-23-1	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		04/21/21 01:58	104-51-8	
n-Hexane	<14.6	ug/L	50.0	14.6	10		04/21/21 01:58	110-54-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		04/21/21 01:58	103-65-1	
o-Xylene	<3.5	ug/L	10.0	3.5	10		04/21/21 01:58	95-47-6	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		04/21/21 01:58	99-87-6	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		04/21/21 01:58	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		04/21/21 01:58	98-06-6	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		04/21/21 01:58	156-60-5	
trans-1,3-Dichloropropene	<34.6	ug/L	50.0	34.6	10		04/21/21 01:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		10		04/21/21 01:58	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		10		04/21/21 01:58	1868-53-7	
Toluene-d8 (S)	96	%	70-130		10		04/21/21 01:58	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: DUP-03-202104 **Lab ID: 40225343026** Collected: 04/15/21 00:00 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<1.4	ug/L	4.0	1.4	4		04/21/21 01:36	630-20-6	
1,1,1-Trichloroethane	<1.2	ug/L	4.0	1.2	4		04/21/21 01:36	71-55-6	
1,1,2,2-Tetrachloroethane	<1.5	ug/L	4.0	1.5	4		04/21/21 01:36	79-34-5	
1,1,2-Trichloroethane	<1.4	ug/L	20.0	1.4	4		04/21/21 01:36	79-00-5	
1,1,2-Trichlorotrifluoroethane	<1.5	ug/L	20.0	1.5	4		04/21/21 01:36	76-13-1	
1,1-Dichloroethane	<1.2	ug/L	4.0	1.2	4		04/21/21 01:36	75-34-3	
1,1-Dichloroethene	<2.3	ug/L	4.0	2.3	4		04/21/21 01:36	75-35-4	
1,1-Dichloropropene	<1.6	ug/L	4.0	1.6	4		04/21/21 01:36	563-58-6	
1,2,3-Trichlorobenzene	<4.1	ug/L	20.0	4.1	4		04/21/21 01:36	87-61-6	
1,2,3-Trichloropropane	<2.2	ug/L	20.0	2.2	4		04/21/21 01:36	96-18-4	
1,2,4-Trichlorobenzene	<3.8	ug/L	20.0	3.8	4		04/21/21 01:36	120-82-1	
1,2,4-Trimethylbenzene	10.8	ug/L	4.0	1.8	4		04/21/21 01:36	95-63-6	
1,2-Dibromo-3-chloropropane	<9.5	ug/L	20.0	9.5	4		04/21/21 01:36	96-12-8	
1,2-Dibromoethane (EDB)	<1.2	ug/L	4.0	1.2	4		04/21/21 01:36	106-93-4	
1,2-Dichlorobenzene	<1.3	ug/L	4.0	1.3	4		04/21/21 01:36	95-50-1	
1,2-Dichloroethane	<1.2	ug/L	4.0	1.2	4		04/21/21 01:36	107-06-2	
1,2-Dichloropropane	<1.8	ug/L	4.0	1.8	4		04/21/21 01:36	78-87-5	
1,3,5-Trimethylbenzene	<1.4	ug/L	4.0	1.4	4		04/21/21 01:36	108-67-8	
1,3-Dichlorobenzene	<1.4	ug/L	4.0	1.4	4		04/21/21 01:36	541-73-1	
1,3-Dichloropropane	<1.2	ug/L	4.0	1.2	4		04/21/21 01:36	142-28-9	
1,4-Dichlorobenzene	<3.6	ug/L	4.0	3.6	4		04/21/21 01:36	106-46-7	
2,2-Dichloropropane	<16.7	ug/L	20.0	16.7	4		04/21/21 01:36	594-20-7	
2-Butanone (MEK)	<26.1	ug/L	100	26.1	4		04/21/21 01:36	78-93-3	
2-Chlorotoluene	<3.6	ug/L	20.0	3.6	4		04/21/21 01:36	95-49-8	
2-Hexanone	<25.1	ug/L	100	25.1	4		04/21/21 01:36	591-78-6	
4-Chlorotoluene	<3.6	ug/L	20.0	3.6	4		04/21/21 01:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	<23.8	ug/L	100	23.8	4		04/21/21 01:36	108-10-1	
Acetone	<34.6	ug/L	100	34.6	4		04/21/21 01:36	67-64-1	
Benzene	423	ug/L	4.0	1.2	4		04/21/21 01:36	71-43-2	
Bromobenzene	<1.4	ug/L	4.0	1.4	4		04/21/21 01:36	108-86-1	
Bromochloromethane	<1.4	ug/L	20.0	1.4	4		04/21/21 01:36	74-97-5	
Bromodichloromethane	<1.7	ug/L	4.0	1.7	4		04/21/21 01:36	75-27-4	
Bromoform	<15.2	ug/L	20.0	15.2	4		04/21/21 01:36	75-25-2	
Bromomethane	<4.8	ug/L	20.0	4.8	4		04/21/21 01:36	74-83-9	
Carbon disulfide	<4.4	ug/L	20.0	4.4	4		04/21/21 01:36	75-15-0	
Carbon tetrachloride	<1.5	ug/L	4.0	1.5	4		04/21/21 01:36	56-23-5	
Chlorobenzene	<3.4	ug/L	4.0	3.4	4		04/21/21 01:36	108-90-7	
Chloroethane	<5.5	ug/L	20.0	5.5	4		04/21/21 01:36	75-00-3	
Chloroform	<4.7	ug/L	20.0	4.7	4		04/21/21 01:36	67-66-3	
Chloromethane	<6.5	ug/L	20.0	6.5	4		04/21/21 01:36	74-87-3	
Dibromochloromethane	<10.6	ug/L	20.0	10.6	4		04/21/21 01:36	124-48-1	
Dibromomethane	<4.0	ug/L	20.0	4.0	4		04/21/21 01:36	74-95-3	
Dichlorodifluoromethane	<1.8	ug/L	20.0	1.8	4		04/21/21 01:36	75-71-8	
Diisopropyl ether	<4.4	ug/L	20.0	4.4	4		04/21/21 01:36	108-20-3	
Ethylbenzene	3.7J	ug/L	4.0	1.3	4		04/21/21 01:36	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: DUP-03-202104 Lab ID: 40225343026 Collected: 04/15/21 00:00 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<10.9	ug/L	20.0	10.9	4		04/21/21 01:36	87-68-3	
Isopropylbenzene (Cumene)	14.9J	ug/L	20.0	4.0	4		04/21/21 01:36	98-82-8	
Methyl-tert-butyl ether	<4.5	ug/L	20.0	4.5	4		04/21/21 01:36	1634-04-4	
Methylene Chloride	<1.3	ug/L	20.0	1.3	4		04/21/21 01:36	75-09-2	
Naphthalene	<4.5	ug/L	20.0	4.5	4		04/21/21 01:36	91-20-3	
Styrene	<1.4	ug/L	4.0	1.4	4		04/21/21 01:36	100-42-5	
Tetrachloroethene	<1.6	ug/L	4.0	1.6	4		04/21/21 01:36	127-18-4	
Tetrahydrofuran	<9.7	ug/L	100	9.7	4		04/21/21 01:36	109-99-9	
Toluene	20.6	ug/L	4.0	1.2	4		04/21/21 01:36	108-88-3	
Trichloroethene	7.6	ug/L	4.0	1.3	4		04/21/21 01:36	79-01-6	
Trichlorofluoromethane	<1.7	ug/L	4.0	1.7	4		04/21/21 01:36	75-69-4	
Vinyl chloride	<0.70	ug/L	4.0	0.70	4		04/21/21 01:36	75-01-4	
Xylene (Total)	<4.2	ug/L	12.0	4.2	4		04/21/21 01:36	1330-20-7	
cis-1,2-Dichloroethene	7.4	ug/L	4.0	1.9	4		04/21/21 01:36	156-59-2	
cis-1,3-Dichloropropene	<1.4	ug/L	4.0	1.4	4		04/21/21 01:36	10061-01-5	
m&p-Xylene	3.6J	ug/L	8.0	2.8	4		04/21/21 01:36	179601-23-1	
n-Butylbenzene	<3.4	ug/L	4.0	3.4	4		04/21/21 01:36	104-51-8	
n-Hexane	<5.8	ug/L	20.0	5.8	4		04/21/21 01:36	110-54-3	
n-Propylbenzene	5.7	ug/L	4.0	1.4	4		04/21/21 01:36	103-65-1	
o-Xylene	<1.4	ug/L	4.0	1.4	4		04/21/21 01:36	95-47-6	
p-Isopropyltoluene	<4.2	ug/L	20.0	4.2	4		04/21/21 01:36	99-87-6	
sec-Butylbenzene	2.1J	ug/L	4.0	1.7	4		04/21/21 01:36	135-98-8	
tert-Butylbenzene	<2.3	ug/L	4.0	2.3	4		04/21/21 01:36	98-06-6	
trans-1,2-Dichloroethene	4.4	ug/L	4.0	2.1	4		04/21/21 01:36	156-60-5	
trans-1,3-Dichloropropene	<13.8	ug/L	20.0	13.8	4		04/21/21 01:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		4		04/21/21 01:36	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		4		04/21/21 01:36	1868-53-7	
Toluene-d8 (S)	98	%	70-130		4		04/21/21 01:36	2037-26-5	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: FB-01-202104 **Lab ID: 40225343027** Collected: 04/15/21 14:00 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/20/21 19:13	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 19:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/20/21 19:13	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/20/21 19:13	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/20/21 19:13	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 19:13	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/20/21 19:13	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/20/21 19:13	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/20/21 19:13	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/20/21 19:13	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/20/21 19:13	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/20/21 19:13	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/20/21 19:13	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/20/21 19:13	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 19:13	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/20/21 19:13	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/20/21 19:13	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:13	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 19:13	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/20/21 19:13	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/20/21 19:13	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/20/21 19:13	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/20/21 19:13	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 19:13	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/20/21 19:13	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 19:13	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/20/21 19:13	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/20/21 19:13	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/20/21 19:13	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:13	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/20/21 19:13	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 19:13	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/20/21 19:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/20/21 19:13	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/20/21 19:13	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/20/21 19:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 19:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/20/21 19:13	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/20/21 19:13	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/20/21 19:13	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/20/21 19:13	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/20/21 19:13	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/20/21 19:13	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 19:13	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 19:13	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: **FB-01-202104** Lab ID: **40225343027** Collected: 04/15/21 14:00 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/20/21 19:13	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/20/21 19:13	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 19:13	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/20/21 19:13	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/20/21 19:13	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:13	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/20/21 19:13	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/20/21 19:13	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/20/21 19:13	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/20/21 19:13	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 19:13	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/20/21 19:13	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/20/21 19:13	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/20/21 19:13	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:13	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/20/21 19:13	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 19:13	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/20/21 19:13	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 19:13	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/20/21 19:13	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/20/21 19:13	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/20/21 19:13	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/20/21 19:13	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/20/21 19:13	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/20/21 19:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/20/21 19:13	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		04/20/21 19:13	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/20/21 19:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Sample: TRIP BLANK-202104 **Lab ID: 40225343028** Collected: 04/15/21 00:00 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/20/21 19:36	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 19:36	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/20/21 19:36	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/20/21 19:36	79-00-5	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/L	5.0	0.38	1		04/20/21 19:36	76-13-1	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/20/21 19:36	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/20/21 19:36	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/20/21 19:36	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/20/21 19:36	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/20/21 19:36	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/20/21 19:36	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/20/21 19:36	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/20/21 19:36	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/20/21 19:36	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 19:36	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/20/21 19:36	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/20/21 19:36	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:36	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 19:36	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/20/21 19:36	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/20/21 19:36	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/20/21 19:36	594-20-7	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		04/20/21 19:36	78-93-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 19:36	95-49-8	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		04/20/21 19:36	591-78-6	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/20/21 19:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		04/20/21 19:36	108-10-1	
Acetone	<8.6	ug/L	25.0	8.6	1		04/20/21 19:36	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		04/20/21 19:36	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:36	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/20/21 19:36	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 19:36	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/20/21 19:36	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/20/21 19:36	74-83-9	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		04/20/21 19:36	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/20/21 19:36	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 19:36	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/20/21 19:36	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/20/21 19:36	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/20/21 19:36	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/20/21 19:36	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/20/21 19:36	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/20/21 19:36	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 19:36	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/20/21 19:36	100-41-4	

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ANALYTICAL RESULTS

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

Sample: TRIP BLANK-202104 Lab ID: 40225343028 Collected: 04/15/21 00:00 Received: 04/17/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/20/21 19:36	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/20/21 19:36	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/20/21 19:36	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/20/21 19:36	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/20/21 19:36	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:36	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/20/21 19:36	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/20/21 19:36	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/20/21 19:36	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/20/21 19:36	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/20/21 19:36	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/20/21 19:36	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/20/21 19:36	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/20/21 19:36	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/20/21 19:36	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/20/21 19:36	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/20/21 19:36	104-51-8	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/20/21 19:36	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/20/21 19:36	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/20/21 19:36	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/20/21 19:36	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/20/21 19:36	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/20/21 19:36	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/20/21 19:36	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/20/21 19:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/20/21 19:36	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/20/21 19:36	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/20/21 19:36	2037-26-5	

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QUALITY CONTROL DATA

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

QC Batch: 382814

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40225343011, 40225343012, 40225343013, 40225343014, 40225343015, 40225343016, 40225343017, 40225343018, 40225343019, 40225343020, 40225343021, 40225343022, 40225343023, 40225343024, 40225343025, 40225343026, 40225343027, 40225343028

METHOD BLANK: 2208268

Matrix: Water

Associated Lab Samples: 40225343011, 40225343012, 40225343013, 40225343014, 40225343015, 40225343016, 40225343017, 40225343018, 40225343019, 40225343020, 40225343021, 40225343022, 40225343023, 40225343024, 40225343025, 40225343026, 40225343027, 40225343028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/20/21 15:28	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/20/21 15:28	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/20/21 15:28	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	04/20/21 15:28	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.38	5.0	04/20/21 15:28	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/20/21 15:28	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/20/21 15:28	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/20/21 15:28	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/20/21 15:28	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	04/20/21 15:28	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/20/21 15:28	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/20/21 15:28	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/20/21 15:28	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/20/21 15:28	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/20/21 15:28	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/20/21 15:28	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/20/21 15:28	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/20/21 15:28	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/20/21 15:28	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/20/21 15:28	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/20/21 15:28	
2,2-Dichloropropane	ug/L	<4.2	5.0	04/20/21 15:28	
2-Butanone (MEK)	ug/L	<6.5	25.0	04/20/21 15:28	
2-Chlorotoluene	ug/L	<0.89	5.0	04/20/21 15:28	
2-Hexanone	ug/L	<6.3	25.0	04/20/21 15:28	
4-Chlorotoluene	ug/L	<0.89	5.0	04/20/21 15:28	
4-Methyl-2-pentanone (MIBK)	ug/L	<6.0	25.0	04/20/21 15:28	
Acetone	ug/L	<8.6	25.0	04/20/21 15:28	
Benzene	ug/L	<0.30	1.0	04/20/21 15:28	
Bromobenzene	ug/L	<0.36	1.0	04/20/21 15:28	
Bromochloromethane	ug/L	<0.36	5.0	04/20/21 15:28	
Bromodichloromethane	ug/L	<0.42	1.0	04/20/21 15:28	
Bromoform	ug/L	<3.8	5.0	04/20/21 15:28	
Bromomethane	ug/L	<1.2	5.0	04/20/21 15:28	
Carbon disulfide	ug/L	<1.1	5.0	04/20/21 15:28	
Carbon tetrachloride	ug/L	<0.37	1.0	04/20/21 15:28	
Chlorobenzene	ug/L	<0.86	1.0	04/20/21 15:28	

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.

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QUALITY CONTROL DATA

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

METHOD BLANK: 2208268

Matrix: Water

Associated Lab Samples: 40225343011, 40225343012, 40225343013, 40225343014, 40225343015, 40225343016, 40225343017, 40225343018, 40225343019, 40225343020, 40225343021, 40225343022, 40225343023, 40225343024, 40225343025, 40225343026, 40225343027, 40225343028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloroethane	ug/L	<1.4	5.0	04/20/21 15:28	
Chloroform	ug/L	<1.2	5.0	04/20/21 15:28	
Chloromethane	ug/L	<1.6	5.0	04/20/21 15:28	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/20/21 15:28	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	04/20/21 15:28	
Dibromochloromethane	ug/L	<2.6	5.0	04/20/21 15:28	
Dibromomethane	ug/L	<0.99	5.0	04/20/21 15:28	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/20/21 15:28	
Diisopropyl ether	ug/L	<1.1	5.0	04/20/21 15:28	
Ethylbenzene	ug/L	<0.33	1.0	04/20/21 15:28	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/20/21 15:28	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/20/21 15:28	
m&p-Xylene	ug/L	<0.70	2.0	04/20/21 15:28	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/20/21 15:28	
Methylene Chloride	ug/L	<0.32	5.0	04/20/21 15:28	
n-Butylbenzene	ug/L	<0.86	1.0	04/20/21 15:28	
n-Hexane	ug/L	<1.5	5.0	04/20/21 15:28	
n-Propylbenzene	ug/L	<0.35	1.0	04/20/21 15:28	
Naphthalene	ug/L	<1.1	5.0	04/20/21 15:28	
o-Xylene	ug/L	<0.35	1.0	04/20/21 15:28	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/20/21 15:28	
sec-Butylbenzene	ug/L	<0.42	1.0	04/20/21 15:28	
Styrene	ug/L	<0.36	1.0	04/20/21 15:28	
tert-Butylbenzene	ug/L	<0.59	1.0	04/20/21 15:28	
Tetrachloroethene	ug/L	<0.41	1.0	04/20/21 15:28	
Tetrahydrofuran	ug/L	<2.4	25.0	04/20/21 15:28	
Toluene	ug/L	<0.29	1.0	04/20/21 15:28	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/20/21 15:28	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	04/20/21 15:28	
Trichloroethene	ug/L	<0.32	1.0	04/20/21 15:28	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/20/21 15:28	
Vinyl chloride	ug/L	<0.17	1.0	04/20/21 15:28	
Xylene (Total)	ug/L	<1.0	3.0	04/20/21 15:28	
4-Bromofluorobenzene (S)	%	96	70-130	04/20/21 15:28	
Dibromofluoromethane (S)	%	104	70-130	04/20/21 15:28	
Toluene-d8 (S)	%	97	70-130	04/20/21 15:28	

LABORATORY CONTROL SAMPLE: 2208269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.5	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.4	93	66-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

LABORATORY CONTROL SAMPLE: 2208269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2-Trichloroethane	ug/L	50	49.3	99	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	50	57.4	115	50-150	
1,1-Dichloroethane	ug/L	50	42.1	84	68-132	
1,1-Dichloroethene	ug/L	50	53.3	107	85-126	
1,2,4-Trichlorobenzene	ug/L	50	47.7	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	43.7	87	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	50.9	102	70-130	
1,2-Dichlorobenzene	ug/L	50	47.4	95	70-130	
1,2-Dichloroethane	ug/L	50	50.6	101	70-130	
1,2-Dichloropropane	ug/L	50	51.3	103	78-125	
1,3-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,4-Dichlorobenzene	ug/L	50	48.0	96	70-130	
Benzene	ug/L	50	51.2	102	70-132	
Bromodichloromethane	ug/L	50	51.9	104	70-130	
Bromoform	ug/L	50	48.7	97	65-130	
Bromomethane	ug/L	50	44.8	90	44-128	
Carbon disulfide	ug/L	50	55.2	110	60-140	
Carbon tetrachloride	ug/L	50	51.8	104	70-130	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	55.5	111	73-137	
Chloroform	ug/L	50	50.9	102	80-122	
Chloromethane	ug/L	50	50.3	101	27-148	
cis-1,2-Dichloroethene	ug/L	50	49.3	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.1	100	70-130	
Dibromochloromethane	ug/L	50	52.6	105	70-130	
Dichlorodifluoromethane	ug/L	50	59.5	119	22-151	
Ethylbenzene	ug/L	50	51.5	103	80-123	
Isopropylbenzene (Cumene)	ug/L	50	52.2	104	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	48.6	97	66-130	
Methylene Chloride	ug/L	50	49.9	100	70-130	
o-Xylene	ug/L	50	51.6	103	70-130	
Styrene	ug/L	50	52.3	105	70-130	
Tetrachloroethene	ug/L	50	51.7	103	70-130	
Toluene	ug/L	50	50.6	101	80-121	
trans-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.0	86	58-125	
Trichloroethene	ug/L	50	54.5	109	70-130	
Trichlorofluoromethane	ug/L	50	60.9	122	84-148	
Vinyl chloride	ug/L	50	57.5	115	63-142	
Xylene (Total)	ug/L	150	156	104	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Parameter	Units	2208270		2208271		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40225343017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.6	53.1	101	106	70-130	5	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	45.8	48.0	92	96	66-130	5	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	47.5	49.1	95	98	70-130	3	20		
1,1,2-Trichlorotrifluoroethane	ug/L	<0.38	50	50	54.7	57.7	109	115	50-150	5	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	40.4	42.0	81	84	68-132	4	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	51.0	52.7	102	105	76-132	3	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	47.5	50.2	95	100	70-130	5	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	43.5	45.2	87	90	51-126	4	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.9	50.7	98	101	70-130	4	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	45.5	48.1	91	96	70-130	6	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	48.4	50.3	97	101	70-130	4	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	49.1	50.7	98	101	77-125	3	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	45.3	47.6	91	95	70-130	5	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	45.6	47.8	91	96	70-130	5	20		
Benzene	ug/L	<0.30	50	50	49.0	50.9	98	102	70-132	4	20		
Bromodichloromethane	ug/L	<0.42	50	50	49.8	51.6	100	103	70-130	3	20		
Bromoform	ug/L	<3.8	50	50	47.6	49.0	95	98	65-130	3	20		
Bromomethane	ug/L	<1.2	50	50	45.9	52.5	92	105	44-128	13	21		
Carbon disulfide	ug/L	<1.1	50	50	52.4	54.8	105	109	60-140	4	20		
Carbon tetrachloride	ug/L	<0.37	50	50	50.3	52.8	101	106	70-132	5	20		
Chlorobenzene	ug/L	<0.86	50	50	48.4	50.8	97	102	70-130	5	20		
Chloroethane	ug/L	<1.4	50	50	53.5	56.9	107	114	70-137	6	20		
Chloroform	ug/L	<1.2	50	50	48.8	50.8	98	102	80-122	4	20		
Chloromethane	ug/L	<1.6	50	50	46.4	50.0	92	99	17-149	8	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	47.2	49.2	94	98	70-130	4	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	48.6	50.8	97	102	70-130	4	20		
Dibromochloromethane	ug/L	<2.6	50	50	51.7	53.8	103	108	70-130	4	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	49.4	51.5	99	103	22-158	4	20		
Ethylbenzene	ug/L	<0.33	50	50	48.8	51.5	98	103	80-123	5	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	49.6	52.4	99	105	70-130	5	20		
m&p-Xylene	ug/L	<0.70	100	100	99.1	104	99	104	70-130	5	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	46.7	48.1	93	96	66-130	3	20		
Methylene Chloride	ug/L	<0.32	50	50	47.0	48.9	94	98	70-130	4	20		
o-Xylene	ug/L	<0.35	50	50	48.6	50.9	97	102	70-130	5	20		
Styrene	ug/L	<0.36	50	50	49.7	51.3	99	103	70-130	3	20		
Tetrachloroethene	ug/L	<0.41	50	50	49.3	51.6	99	103	70-130	5	20		
Toluene	ug/L	<0.29	50	50	48.0	50.8	96	102	80-121	6	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	50.2	51.7	100	103	70-134	3	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	42.2	43.6	84	87	58-130	3	20		
Trichloroethene	ug/L	<0.32	50	50	51.1	53.3	102	107	70-130	4	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	57.5	59.9	115	120	82-151	4	20		
Vinyl chloride	ug/L	<0.17	50	50	53.3	56.3	107	113	61-143	6	20		
Xylene (Total)	ug/L	<1.0	150	150	148	155	98	103	70-130	5	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Parameter	Units	2208270		2208271		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40225343017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
4-Bromofluorobenzene (S)	%					100	102	70-130			
Dibromofluoromethane (S)	%					102	101	70-130			
Toluene-d8 (S)	%					95	97	70-130			

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QUALITY CONTROL DATA

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

QC Batch: 382972 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40225343001, 40225343002, 40225343003, 40225343004

METHOD BLANK: 2209087 Matrix: Water
Associated Lab Samples: 40225343001, 40225343002, 40225343003, 40225343004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	<8.7	20.0	04/20/21 14:59	

LABORATORY CONTROL SAMPLE: 2209088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	564	554	98	80-120	

SAMPLE DUPLICATE: 2209089

Parameter	Units	40225276001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	472	486	3	10	

SAMPLE DUPLICATE: 2209090

Parameter	Units	40225343004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	850	808	5	10	

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QUALITY CONTROL DATA

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

QC Batch:	383058	Analysis Method:	SM 2540C
QC Batch Method:	SM 2540C	Analysis Description:	2540C Total Dissolved Solids
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40225343006, 40225343007, 40225343008, 40225343010

METHOD BLANK: 2209540 Matrix: Water
Associated Lab Samples: 40225343006, 40225343007, 40225343008, 40225343010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	<8.7	20.0	04/21/21 12:30	

LABORATORY CONTROL SAMPLE: 2209541

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	564	538	95	80-120	

SAMPLE DUPLICATE: 2209542

Parameter	Units	40225289001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	608	668	9	10	

SAMPLE DUPLICATE: 2209543

Parameter	Units	40225289007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	492	478	3	10	

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QUALITY CONTROL DATA

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

QC Batch: 383179 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40225343005, 40225343009

METHOD BLANK: 2210198 Matrix: Water
Associated Lab Samples: 40225343005, 40225343009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	<8.7	20.0	04/22/21 13:51	

LABORATORY CONTROL SAMPLE: 2210199

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	564	582	103	80-120	

SAMPLE DUPLICATE: 2210200

Parameter	Units	40225295001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	740	754	2	10	

SAMPLE DUPLICATE: 2210201

Parameter	Units	40225338008 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1940	1950	1	10	

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QUALITY CONTROL DATA

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

QC Batch: 382906 Analysis Method: SM 2540D
QC Batch Method: SM 2540D Analysis Description: 2540D Total Suspended Solids
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40225343001, 40225343002, 40225343003, 40225343004

METHOD BLANK: 2208710 Matrix: Water
Associated Lab Samples: 40225343001, 40225343002, 40225343003, 40225343004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	<0.48	1.0	04/20/21 09:07	

LABORATORY CONTROL SAMPLE: 2208711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	102	102	80-120	

SAMPLE DUPLICATE: 2208713

Parameter	Units	40225343004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	1.0J	1.0J		10	

SAMPLE DUPLICATE: 2209842

Parameter	Units	40225253001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	111	105	6	10	

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QUALITY CONTROL DATA

Project: A211528 MADISON KIPP CORP.
Pace Project No.: 40225343

QC Batch: 383045 Analysis Method: SM 2540D
QC Batch Method: SM 2540D Analysis Description: 2540D Total Suspended Solids
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40225343005, 40225343006, 40225343007, 40225343008, 40225343009, 40225343010

METHOD BLANK: 2209444 Matrix: Water
Associated Lab Samples: 40225343005, 40225343006, 40225343007, 40225343008, 40225343009, 40225343010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	<0.48	1.0	04/21/21 10:27	

LABORATORY CONTROL SAMPLE: 2209445

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	90.0	90	80-120	

SAMPLE DUPLICATE: 2209446

Parameter	Units	40225321001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	144	139	4	10	

SAMPLE DUPLICATE: 2209447

Parameter	Units	40225342001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	517	540	4	10	

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QUALIFIERS

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: A211528 MADISON KIPP CORP.

Pace Project No.: 40225343

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40225343011	MW-2D-202104	EPA 8260	382814		
40225343012	MW-3D-202104	EPA 8260	382814		
40225343013	MW-3D2-202104	EPA 8260	382814		
40225343014	MW-4D2-202104	EPA 8260	382814		
40225343015	MW-5D-202104	EPA 8260	382814		
40225343016	MW-5D2-202104	EPA 8260	382814		
40225343017	MW-5D3-202104	EPA 8260	382814		
40225343018	MW-6D-202104	EPA 8260	382814		
40225343019	MW-9D2-202104	EPA 8260	382814		
40225343020	MW-17-202104	EPA 8260	382814		
40225343021	MW-25D2-202104	EPA 8260	382814		
40225343022	MW-27D-202104	EPA 8260	382814		
40225343023	MW-14_135-140-202104	EPA 8260	382814		
40225343024	MW-16_140-144-202104	EPA 8260	382814		
40225343025	DUP-01-202104	EPA 8260	382814		
40225343026	DUP-03-202104	EPA 8260	382814		
40225343027	FB-01-202104	EPA 8260	382814		
40225343028	TRIP BLANK-202104	EPA 8260	382814		
40225343001	MW-3D-202104	SM 2540C	382972		
40225343002	MW-4S-202104	SM 2540C	382972		
40225343003	MW-4D-202104	SM 2540C	382972		
40225343004	MW-5S-202104	SM 2540C	382972		
40225343005	MW-6S-202104	SM 2540C	383179		
40225343006	MW-11S-202104	SM 2540C	383058		
40225343007	MW-24-202104	SM 2540C	383058		
40225343008	MW-29S-202104	SM 2540C	383058		
40225343009	DUP-02-202104	SM 2540C	383179		
40225343010	FB-02-202104	SM 2540C	383058		
40225343001	MW-3D-202104	SM 2540D	382906		
40225343002	MW-4S-202104	SM 2540D	382906		
40225343003	MW-4D-202104	SM 2540D	382906		
40225343004	MW-5S-202104	SM 2540D	382906		
40225343005	MW-6S-202104	SM 2540D	383045		
40225343006	MW-11S-202104	SM 2540D	383045		
40225343007	MW-24-202104	SM 2540D	383045		
40225343008	MW-29S-202104	SM 2540D	383045		
40225343009	DUP-02-202104	SM 2540D	383045		
40225343010	FB-02-202104	SM 2540D	383045		

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40225343



SUBCONTRACT ORDER
Pace Analytical - Madison
A211528

SENDING LABORATORY:

Pace Analytical - Madison
2525 Advance Road
Madison, WI 53718
Phone: 608.221.8700
Fax: 608,221,4889
Project Manager: Jessica Esser

RECEIVING LABORATORY:

Pace Analytical
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone :(920) 469-2436
Fax: (920) 469-8827

Turn around Time: Normal
 Rush

Project Name: Madison Kipp Corporation - Madison, WI

Analysis Due Expires Laboratory ID Comments

MW-3D-202104 Lab ID: A211528-01 Water Sampled: 04/14/2021 15:40 **001**
Subcontracted Analysis - Pace 04/30/2021 00:00 04/28/2021 15:40 Dissolved Solids, Total
2540D - Suspended Solids 04/30/2021 00:00 04/21/2021 15:40
Containers Supplied:
14_1000mL Plastic Cool t 14_250mL Plastic Cool to

MW-4S-202104 Lab ID: A211528-02 Water Sampled: 04/13/2021 16:17 **002**
2540D - Suspended Solids 04/30/2021 00:00 04/20/2021 16:17
Subcontracted Analysis - Pace 04/30/2021 00:00 04/27/2021 16:17 Dissolved Solids, Total
Containers Supplied:
14_1000mL Plastic Cool t 14_250mL Plastic Cool to

MW-4D-202104 Lab ID: A211528-03 Water Sampled: 04/13/2021 14:42 **003**
2540D - Suspended Solids 04/30/2021 00:00 04/20/2021 14:42
Subcontracted Analysis - Pace 04/30/2021 00:00 04/27/2021 14:42 Dissolved Solids, Total
Containers Supplied:
14_1000mL Plastic Cool t 14_250mL Plastic Cool to

MW-5S-202104 Lab ID: A211528-04 Water Sampled: 04/14/2021 10:53 **004**
2540D - Suspended Solids 04/30/2021 00:00 04/21/2021 10:53
Subcontracted Analysis - Pace 04/30/2021 00:00 04/28/2021 10:53 Dissolved Solids, Total
Containers Supplied:
14_1000mL Plastic Cool t 14_250mL Plastic Cool to 14_1000mL Plastic Cool t 14_250mL Plastic Cool to

MW-6S-202104 Lab ID: A211528-05 Water Sampled: 04/15/2021 12:27 **005**
2540D - Suspended Solids 04/30/2021 00:00 04/22/2021 12:27
Subcontracted Analysis - Pace 04/30/2021 00:00 04/29/2021 12:27 Dissolved Solids, Total
Containers Supplied:
14_1000mL Plastic Cool t 14_250mL Plastic Cool to

Released By: Jessica Esser Date: 04-16-21 1730
Received By: Kendra Starr Pace Date: 4/17/21 0820
Released By: CS Logistics Date: 4/17/21 0820
Received By: Kendra Starr Pace Date: 4/17/21 0820

40225343



SUBCONTRACT ORDER
 Pace Analytical - Madison
A211528

40225343

Analysis	Due	Expires	Laboratory ID	Comments
MW-11S-202104	Lab ID: A211528-06	Water	Sampled: 04/16/2021 13:30	006
Subcontracted Analysis - Pace	04/30/2021 00:00	04/30/2021 13:30		Dissolved Solids, Total
2540D - Suspended Solids	04/30/2021 00:00	04/23/2021 13:30		
<i>Containers Supplied:</i> 14_1000mL Plastic Cool t 14_250mL Plastic Cool to				
MW-24-202104	Lab ID: A211528-07	Water	Sampled: 04/16/2021 12:18	007
2540D - Suspended Solids	04/30/2021 00:00	04/23/2021 12:18		
Subcontracted Analysis - Pace	04/30/2021 00:00	04/30/2021 12:18		Dissolved Solids, Total
<i>Containers Supplied:</i> 14_1000mL Plastic Cool t 14_250mL Plastic Cool to				
MW-29S-202104	Lab ID: A211528-08	Water	Sampled: 04/15/2021 15:56	008
2540D - Suspended Solids	04/30/2021 00:00	04/22/2021 15:56		
Subcontracted Analysis - Pace	04/30/2021 00:00	04/29/2021 15:56		Dissolved Solids, Total
<i>Containers Supplied:</i> 14_1000mL Plastic Cool t 14_250mL Plastic Cool to				
DUP-02-202104	Lab ID: A211528-09	Water	Sampled: 04/15/2021 00:00	009
2540D - Suspended Solids	04/30/2021 00:00	04/22/2021 00:00		
Subcontracted Analysis - Pace	04/30/2021 00:00	04/29/2021 00:00		Dissolved Solids, Total
<i>Containers Supplied:</i> 14_1000mL Plastic Cool t 14_500mL Plastic Cool to				
FB-02-202104	Lab ID: A211528-10	Water	Sampled: 04/15/2021 14:00	010
Subcontracted Analysis - Pace	04/30/2021 00:00	04/29/2021 14:00		Dissolved Solids, Total
2540D - Suspended Solids	04/30/2021 00:00	04/22/2021 14:00		
<i>Containers Supplied:</i> 14_1000mL Plastic Cool t 14_500mL Plastic Cool to				
MW-2D-202104	Lab ID: A211528-11	Water	Sampled: 04/15/2021 16:39	011
8260 WI Full List	04/30/2021 00:00	04/29/2021 16:39		Report to MDL-Report total xylenes
<i>Containers Supplied:</i> 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)				

Released By: Jessica Egan Date: 04-16-21 1730 Received By: _____ Date: _____
 Released By: CS Logistics Date: 4/17/21 0820 Received By: Kendra Starr Pace Date: 4/19/21 0820

40225343

40225343



SUBCONTRACT ORDER
Pace Analytical - Madison
A211528

Analysis Due Expires Laboratory ID Comments

MW-3D-202104 Lab ID: A211528-12 Water Sampled: 04/14/2021 15:46 012
8260 WI Full List 04/30/2021 00:00 04/28/2021 15:46 Report to MDL-Report total xylenes

Containers Supplied:
07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)

MW-3D2-202104 Lab ID: A211528-13 Water Sampled: 04/14/2021 14:38 013
8260 WI Full List 04/30/2021 00:00 04/28/2021 14:38 Report to MDL-Report total xylenes

Containers Supplied:
07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)

MW-4D2-202104 Lab ID: A211528-14 Water Sampled: 04/14/2021 13:44 014
8260 WI Full List 04/30/2021 00:00 04/28/2021 13:44 Report to MDL-Report total xylenes

Containers Supplied:
07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)

MW-5D-202104 Lab ID: A211528-15 Water Sampled: 04/14/2021 12:12 015
8260 WI Full List 04/30/2021 00:00 04/28/2021 12:12 Report to MDL-Report total xylenes

Containers Supplied:
07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)

MW-5D2-202104 Lab ID: A211528-16 Water Sampled: 04/14/2021 13:29 016
8260 WI Full List 04/30/2021 00:00 04/28/2021 13:29 Report to MDL-Report total xylenes

Containers Supplied:
07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)

MW-5D3-202104 Lab ID: A211528-17 Water Sampled: 04/14/2021 11:10 017
8260 WI Full List 04/30/2021 00:00 04/28/2021 11:10 Report to MDL-Report total xylenes

Containers Supplied:
07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)

MW-6D-202104 Lab ID: A211528-18 Water Sampled: 04/15/2021 12:55 018
8260 WI Full List 04/30/2021 00:00 04/29/2021 12:55 Report to MDL-Report total xylenes

Containers Supplied:
07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)

Released By: Jessica [Signature] Date: 04-16-21 1730
Received By: Kendra Steir Date: 4/17/21 0820
Released By: CS Logistics Date: 4/17/21 0820
Received By: [Signature] Date: 4/17/21 0820

40225343



SUBCONTRACT ORDER
Pace Analytical - Madison
A211528

40225343

Analysis	Due	Expires	Laboratory ID	Comments
MW-9D2-202104 8260 WI Full List <i>Containers Supplied:</i> 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)	04/30/2021 00:00	04/28/2021 16:13	019	Report to MDL-Report total xylenes
MW-17-202104 8260 WI Full List <i>Containers Supplied:</i> 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)	04/30/2021 00:00	04/29/2021 11:27	020	Report to MDL-Report total xylenes
MW-25D2-202104 8260 WI Full List <i>Containers Supplied:</i> 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)	04/30/2021 00:00	04/26/2021 17:22	021	Report to MDL-Report total xylenes
MW-27D-202104 8260 WI Full List <i>Containers Supplied:</i> 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)	04/30/2021 00:00	04/27/2021 10:19	022	Report to MDL-Report total xylenes
MP-14_135-140_202104 8260 WI Full List <i>Containers Supplied:</i> 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)	04/30/2021 00:00	04/26/2021 13:20	023	Report to MDL-Report total xylenes
MP-16_140-144_202104 8260 WI Full List <i>Containers Supplied:</i> 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)	04/30/2021 00:00	04/26/2021 15:03	024	Report to MDL-Report total xylenes
DUP-01-202104 8260 WI Full List <i>Containers Supplied:</i> 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)	04/30/2021 00:00	04/29/2021 00:00	025	Report to MDL-Report total xylenes

Released By: Jessica Espartero Date: 04-16-21 1730
 Received By: Kendra Stearns Date: 4/17/21 0820
 Released By: CS Logistics Date: 4/17/21 0820
 Received By: Pace Date: 4/17/21 0820

40225343

40225343



SUBCONTRACT ORDER
Pace Analytical - Madison
A211528

Analysis	Due	Expires	Laboratory ID	Comments
DUP-03-202104	Lab ID: A211528-26	Water	Sampled: 04/15/2021 00:00	026
8260 WI Full List	04/30/2021 00:00	04/29/2021 00:00		Report to MDL-Report total xylenes
<i>Containers Supplied:</i> 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-)				
FB-01-202104	Lab ID: A211528-27	Water	Sampled: 04/15/2021 14:00	027
8260 WI Full List	04/30/2021 00:00	04/29/2021 14:00		Report to MDL-Report total xylenes
<i>Containers Supplied:</i> 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 07_40mL Clear Vial (pre-) 14_1000mL Plastic Cool t 14_500mL Plastic Cool to				
Trip Blank-202104	Lab ID: A211528-28	Water	Sampled: 04/15/2021 00:00	028
8260 WI Full List	04/30/2021 00:00	04/29/2021 00:00		Report to MDL-Report total xylenes
<i>Containers Supplied:</i> 07_40mL Clear Vial (pre-)				

Released By: Jessica Edwards Date: 04-16-21 1730
 Received By: _____ Date: _____
 Released By: CS LOGISTICS Date: 4/17/21 0800
 Received By: Kendra Starr Pace Date: 4/17/21 0800

40225343

Sample Preservation Receipt Form

Client Name: Pace - madison

Project #: 40225343

Pace Lab #	Glass								Plastic					Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)	
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC
021																																2.5 / 5 / 10
022																																2.5 / 5 / 10
023																																2.5 / 5 / 10
024																																2.5 / 5 / 10
025																																2.5 / 5 / 10
026																																2.5 / 5 / 10
027																																2.5 / 5 / 10
028																																2.5 / 5 / 10
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Handwritten signature and date:
 [Signature] 10/16/15

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: Pace Madison

Project # 40225343

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN		
001								-	-																									2.5 / 5 / 10	
002								-	-																									2.5 / 5 / 10	
003								-	-																									2.5 / 5 / 10	
004								2	2																									2.5 / 5 / 10	
005								-	-																									2.5 / 5 / 10	
006								-	-																										2.5 / 5 / 10
007								-	-																										2.5 / 5 / 10
008								-	-																										2.5 / 5 / 10
009								-	-																										2.5 / 5 / 10
010								-	-																										2.5 / 5 / 10
011																																			2.5 / 5 / 10
012																																			2.5 / 5 / 10
013																																			2.5 / 5 / 10
014																																			2.5 / 5 / 10
015																																			2.5 / 5 / 10
016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *if yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

WO# : 40225343



40225343

Client Name: Pace - Madison

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

Tracking #: _____

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

Custody Seal on Samples Present: yes no ^{4/19/20} Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used SR - 99 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 15/11.0 / Corr: 15/11.0

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:	
Date: <u>4/19/20</u>	Initials: <u>K8</u>
Labeled By Initials: <u>SKW</u>	

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>got electronically per email K8 4/19/20</u>
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4. <u>IRWO</u>
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>NO analysis listed on bottles</u>
-Includes date/time/ID/Analysis Matrix: <u>W 4/19/20</u>		<u>K8 4/19/20</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>1482</u>		

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 logir



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

May 25, 2021

Andrew Stehn
TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison, WI 53717
RE: Madison Kipp Corporation - Madison, WI

Enclosed are the analytical results for the samples received by the laboratory on 04/19/2021.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

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

Sincerely,

Jessica Esser
Project Manager

Certification List			Expires
DODELAP	DOD ELAP Accreditation (A2LA)	3269.01	03/31/2022
ILEPA	Illinois Secondary NELAP Accreditation	004366	04/30/2022
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2022
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2021
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2021
NYDOH	New York Department of Health	12110	04/01/2022
TCEQ	Texas Secondary NELAP Accreditation	T104704504-20-11	11/30/2021
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2021

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-28-202104	A211601-01	Water	04/19/2021	04/19/2021
MW-29D-202104	A211601-02	Water	04/16/2021	04/19/2021

CASE NARRATIVE

Sample Receipt Information:

Two samples were received on 04/19/2021. Samples were received in acceptable condition.

TSS/TDS analysis was subcontracted to Pace Analytical in Green Bay, WI. Please see their appended report for quality control results.

Please see the chain of custody (COC) document at the end of this report for additional information.

Additional Comments:

Samples A211601-01 and A211601-02 were re-extracted and re-analyzed for the PCB analysis due to surrogate failures. This report contains the re-extracted and re-analyzed results.

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-28-202104

Date Sampled

A211601-01 (Water)

04/19/2021 11:10

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical-Green Bay, WI

SM 2540C

Preparation Batch:WET 42142

Total Dissolved Solids	1540	8.7	20.0	mg/L	1	04/22/2021	04/22/2021 13:56	SM 2540C	
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SM 2540D

Preparation Batch:WET 42141

Total Suspended Solids	1.6	0.95	2.0	mg/L	1	04/22/2021	04/22/2021 11:05	SM 2540D	J
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TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

MW-28-202104
A211601-01RE1 (Water)

Date Sampled
04/19/2021 11:10

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 10:55	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 10:55	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 10:55	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 10:55	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 10:55	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 10:55	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 10:55	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 10:55	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			77.3 %	60.7-128		05/11/2021	05/22/2021 10:55	EPA 8082A	
Surrogate: Decachlorobiphenyl			76.7 %	57.1-151		05/11/2021	05/22/2021 10:55	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-29D-202104

Date Sampled

A211601-02 (Water)

04/16/2021 16:46

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical-Green Bay, WI

SM 2540C

Preparation Batch:WET 42142

Total Dissolved Solids	1200	8.7	20.0	mg/L	1	04/22/2021	04/22/2021 13:56	SM 2540C	
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SM 2540D

Preparation Batch:WET 42141

Total Suspended Solids	3.4	0.95	2.0	mg/L	1	04/22/2021	04/22/2021 11:05	SM 2540D	
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TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

MW-29D-202104
A211601-02RE1 (Water)

Date Sampled
04/16/2021 16:46

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
---------	--------	--------------------	-----------------------	-------	----------	----------	----------	--------	------------

Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 11:22	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 11:22	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 11:22	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 11:22	EPA 8082A	
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 11:22	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 11:22	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 11:22	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 11:22	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			87.8 %	60.7-128		05/11/2021	05/22/2021 11:22	EPA 8082A	
Surrogate: Decachlorobiphenyl			90.5 %	57.1-151		05/11/2021	05/22/2021 11:22	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
 Project Number: 419610.00002.000001
 Project Manager: Andrew Stehn

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

Pace Analytical - Madison

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A105105 - EPA 3511

Blank (A105105-BLK1)

Prepared: 05/11/2021 Analyzed: 05/22/2021 03:28

PCB-1016	ND	0.13	ug/L							
PCB-1221	ND	0.25	ug/L							
PCB-1232	ND	0.13	ug/L							
PCB-1242	ND	0.13	ug/L							
PCB-1248	ND	0.13	ug/L							
PCB-1254	ND	0.13	ug/L							
PCB-1260	ND	0.13	ug/L							
Total PCBs	ND	0.25	ug/L							
Surrogate: Tetrachloro-meta-xylene	0.701		ug/L	0.7500		93.5	60.7-128			
Surrogate: Decachlorobiphenyl	0.763		ug/L	0.7500		102	57.1-151			

LCS (A105105-BS1)

Prepared: 05/11/2021 Analyzed: 05/22/2021 03:55

PCB-1242	14.8	0.13	ug/L	12.50		119	49.6-153			
Surrogate: Tetrachloro-meta-xylene	0.660		ug/L	0.7500		88.0	60.7-128			
Surrogate: Decachlorobiphenyl	0.718		ug/L	0.7500		95.8	57.1-151			

Matrix Spike (A105105-MS1)

Source: A211824-01

Prepared: 05/11/2021 Analyzed: 05/22/2021 12:14

PCB-1242	8.96	0.13	ug/L	12.50	ND	71.7	42.8-158			
Surrogate: Tetrachloro-meta-xylene	0.479		ug/L	0.7500		63.9	60.7-128			
Surrogate: Decachlorobiphenyl	0.441		ug/L	0.7500		58.8	57.1-151			

Matrix Spike Dup (A105105-MSD1)

Source: A211824-01

Prepared: 05/11/2021 Analyzed: 05/22/2021 12:41

PCB-1242	11.8	0.13	ug/L	12.50	ND	94.4	42.8-158	27.4	20	X
Surrogate: Tetrachloro-meta-xylene	0.564		ug/L	0.7500		75.2	60.7-128			
Surrogate: Decachlorobiphenyl	0.534		ug/L	0.7500		71.3	57.1-151			

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: Madison Kipp Corporation - Madison, WI
Project Number: 419610.00002.000001
Project Manager: Andrew Stehn

Notes and Definitions

- X Precision for the matrix spike duplicate, laboratory control sample duplicate or lab duplicate was outside of control limits.
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
- ND Analyte NOT DETECTED at or above the reporting limit or limit of detection (if listed).
- NR Not Reported
- dry Sample results reported on a dry weight basis. Detection limits (if listed) and reporting limits have been adjusted for the solids content. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference

Detection limits (if listed) and reporting limits have been adjusted for dilutions, if reported.

April 28, 2021

Jessica Esser
Pace Analytical Madison
2525 Advance Road
Madison, WI 53718

RE: Project: A211601 MADISON KIPP CORP.
Pace Project No.: 40225439

Dear Jessica Esser:

Enclosed are the analytical results for sample(s) received by the laboratory on April 20, 2021. 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,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: A211601 MADISON KIPP CORP.

Pace Project No.: 40225439

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

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: A211601 MADISON KIPP CORP.

Pace Project No.: 40225439

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40225439001	MW-28-202104	Water	04/19/21 11:10	04/20/21 08:30
40225439002	MW-29D-202104	Water	04/16/21 16:46	04/20/21 08:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: A211601 MADISON KIPP CORP.

Pace Project No.: 40225439

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40225439001	MW-28-202104	SM 2540C	JXM	1
		SM 2540D	JXM	1
40225439002	MW-29D-202104	SM 2540C	JXM	1
		SM 2540D	JXM	1

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: A211601 MADISON KIPP CORP.
Pace Project No.: 40225439

Sample: MW-28-202104 **Lab ID: 40225439001** Collected: 04/19/21 11:10 Received: 04/20/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	1540	mg/L	20.0	8.7	1		04/22/21 13:56		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	1.6J	mg/L	2.0	0.95	1		04/22/21 11:05		

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ANALYTICAL RESULTS

Project: A211601 MADISON KIPP CORP.

Pace Project No.: 40225439

Sample: MW-29D-202104 **Lab ID: 40225439002** Collected: 04/16/21 16:46 Received: 04/20/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Green Bay								
Total Dissolved Solids	1200	mg/L	20.0	8.7	1		04/22/21 13:56		
2540D Total Suspended Solids	Analytical Method: SM 2540D Pace Analytical Services - Green Bay								
Total Suspended Solids	3.4	mg/L	2.0	0.95	1		04/22/21 11:05		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: A211601 MADISON KIPP CORP.
Pace Project No.: 40225439

QC Batch: 383179 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40225439001, 40225439002

METHOD BLANK: 2210198 Matrix: Water
Associated Lab Samples: 40225439001, 40225439002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	<8.7	20.0	04/22/21 13:51	

LABORATORY CONTROL SAMPLE: 2210199

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	564	582	103	80-120	

SAMPLE DUPLICATE: 2210200

Parameter	Units	40225295001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	740	754	2	10	

SAMPLE DUPLICATE: 2210201

Parameter	Units	40225338008 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1940	1950	1	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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QUALITY CONTROL DATA

Project: A211601 MADISON KIPP CORP.

Pace Project No.: 40225439

QC Batch: 383178

Analysis Method: SM 2540D

QC Batch Method: SM 2540D

Analysis Description: 2540D Total Suspended Solids

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40225439001, 40225439002

METHOD BLANK: 2210184

Matrix: Water

Associated Lab Samples: 40225439001, 40225439002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	<0.48	1.0	04/22/21 11:04	

LABORATORY CONTROL SAMPLE: 2210185

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

SAMPLE DUPLICATE: 2210186

Parameter	Units	40225416001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	123	118	4	10	

SAMPLE DUPLICATE: 2210363

Parameter	Units	40225488001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	182	176	3	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: A211601 MADISON KIPP CORP.

Pace Project No.: 40225439

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.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: A211601 MADISON KIPP CORP.

Pace Project No.: 40225439

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40225439001	MW-28-202104	SM 2540C	383179		
40225439002	MW-29D-202104	SM 2540C	383179		
40225439001	MW-28-202104	SM 2540D	383178		
40225439002	MW-29D-202104	SM 2540D	383178		

REPORT OF LABORATORY ANALYSIS

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SUBCONTRACT ORDER

Pace Analytical - Madison

A211601

40225439

SENDING LABORATORY:

Pace Analytical - Madison
 2525 Advance Road
 Madison, WI 53718
 Phone: 608.221.8700
 Fax: 608,221,4889
 Project Manager: Jessica Esser

RECEIVING LABORATORY:

Pace Analytical
 1241 Bellevue Street, Suite 9
 Green Bay, WI 54302
 Phone :(920) 469-2436
 Fax: (920) 469-8827

Turn around Time: X Normal
 _____ Rush

Project Name: Madison Kipp Corporation - Madison, WI

Analysis	Due	Expires	Laboratory ID	Comments
MW-28-202104	Lab ID: A211601-01 Water	Sampled: 04/19/2021 11:10	[REDACTED]	001
Subcontracted Analysis - Pace	05/03/2021 00:00	05/03/2021 11:10		Dissolved Solids, Total
2540D - Suspended Solids	05/03/2021 00:00	04/26/2021 11:10		
<i>Containers Supplied:</i>				
14_1000mL Plastic Cool t 14_250mL Plastic Cool to				
MW-29D-202104	Lab ID: A211601-02 Water	Sampled: 04/16/2021 16:46	[REDACTED]	002
Subcontracted Analysis - Pace	05/03/2021 00:00	04/30/2021 16:46		Dissolved Solids, Total
2540D - Suspended Solids	05/03/2021 00:00	04/23/2021 16:46		
<i>Containers Supplied:</i>				
14_1000mL Plastic Cool t 14_250mL Plastic Cool to				

Released By: Jessica Esser Date: 04-19-21 1600
 Received By: _____ Date: _____
 Released By: CS Logistics Date: 4/20/21 0830
 Received By: Susan Wyle Date: 4/20/21 0830
 Received By: Pace Date: _____

40225439

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: Pace, Madison, WI Project # 40225439

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T								ZPLC	GN		
001																																			2.5 / 5 / 10
002																																			2.5 / 5 / 10
003																																			2.5 / 5 / 10
004																																			2.5 / 5 / 10
005																																			2.5 / 5 / 10
006																																			2.5 / 5 / 10
007																																			2.5 / 5 / 10
008																																			2.5 / 5 / 10
009																																			2.5 / 5 / 10
010																																			2.5 / 5 / 10
011																																			2.5 / 5 / 10
012																																			2.5 / 5 / 10
013																																			2.5 / 5 / 10
014																																			2.5 / 5 / 10
015																																			2.5 / 5 / 10
016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: Pace Madison, WI
Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

Project #: _____

WO#: 40225439



40225439

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 - 104 **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature: Uncorr: 5 / Corr: 5
Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no

Person examining contents:
 Date: 4-20-21 / Initials: SRK
 Labeled By Initials: SRK

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 type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	4. <u>Sub Work IRWO 4/20/21 SRK 4-20-21 SR</u>
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- 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.
- Pace Containers Used:	<u>4/20/21 SRK</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
- Pace IR Containers Used:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>No 202104 in all IDs.</u>
- Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>4-20-21 SR</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 logir

Attachment 8

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

June 07, 2021

Andrew Stehn
TRC Madison
708 Heartland Trail
Madison, WI 53717

RE: Project: 419610 PH3 TASK2 MKC RAIN GARD
Pace Project No.: 40227867

Dear Andrew Stehn:

Enclosed are the analytical results for sample(s) received by the laboratory on June 03, 2021. 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

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without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 419610 PH3 TASK2 MKC RAIN GARD

Pace Project No.: 40227867

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

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 419610 PH3 TASK2 MKC RAIN GARD

Pace Project No.: 40227867

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40227867001	OUTFALL (060221)	Solid	06/02/21 11:00	06/03/21 08:25
40227867002	RG-1 (060221)	Solid	06/02/21 11:05	06/03/21 08:25
40227867003	RG-2 (060221)	Solid	06/02/21 11:08	06/03/21 08:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 419610 PH3 TASK2 MKC RAIN GARD

Pace Project No.: 40227867

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40227867001	OUTFALL (060221)	EPA 8082A	BLM	10
		ASTM D2974-87	MMX	1
40227867002	RG-1 (060221)	EPA 8082A	BLM	10
		ASTM D2974-87	MMX	1
40227867003	RG-2 (060221)	EPA 8082A	BLM	10
		ASTM D2974-87	MMX	1

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: 419610 PH3 TASK2 MKC RAIN GARD
Pace Project No.: 40227867

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40227867001	OUTFALL (060221)					
EPA 8082A	PCB-1242 (Aroclor 1242)	256J	ug/kg	720	06/07/21 11:13	
EPA 8082A	PCB, Total	256J	ug/kg	720	06/07/21 11:13	
ASTM D2974-87	Percent Moisture	30.4	%	0.10	06/03/21 15:36	
40227867002	RG-1 (060221)					
EPA 8082A	PCB-1242 (Aroclor 1242)	440J	ug/kg	647	06/07/21 11:57	
EPA 8082A	PCB, Total	440J	ug/kg	647	06/07/21 11:57	
ASTM D2974-87	Percent Moisture	22.8	%	0.10	06/03/21 15:36	
40227867003	RG-2 (060221)					
ASTM D2974-87	Percent Moisture	33.5	%	0.10	06/03/21 15:36	

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PROJECT NARRATIVE

Project: 419610 PH3 TASK2 MKC RAIN GARD

Pace Project No.: 40227867

Method: EPA 8082A

Description: 8082A GCS PCB

Client: TRC - MADISON

Date: June 07, 2021

General Information:

3 samples were analyzed for EPA 8082A 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.

Sample Preparation:

The samples were prepared in accordance with EPA 3541 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits 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.

Additional Comments:

Analyte Comments:

QC Batch: 387086

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- MS (Lab ID: 2232965)
 - PCB-1016 (Aroclor 1016)
- MSD (Lab ID: 2232966)
 - PCB-1016 (Aroclor 1016)
- OUTFALL (060221) (Lab ID: 40227867001)
 - PCB-1016 (Aroclor 1016)
- RG-1 (060221) (Lab ID: 40227867002)
 - PCB-1016 (Aroclor 1016)
- RG-2 (060221) (Lab ID: 40227867003)
 - PCB-1016 (Aroclor 1016)

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PROJECT NARRATIVE

Project: 419610 PH3 TASK2 MKC RAIN GARD

Pace Project No.: 40227867

Method: EPA 8082A

Description: 8082A GCS PCB

Client: TRC - MADISON

Date: June 07, 2021

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: 419610 PH3 TASK2 MKC RAIN GARD

Pace Project No.: 40227867

Sample: OUTFALL (060221) **Lab ID: 40227867001** Collected: 06/02/21 11:00 Received: 06/03/21 08:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<219	ug/kg	720	219	10	06/03/21 13:40	06/07/21 11:13	12674-11-2	D3
PCB-1221 (Aroclor 1221)	<219	ug/kg	720	219	10	06/03/21 13:40	06/07/21 11:13	11104-28-2	
PCB-1232 (Aroclor 1232)	<219	ug/kg	720	219	10	06/03/21 13:40	06/07/21 11:13	11141-16-5	
PCB-1242 (Aroclor 1242)	256J	ug/kg	720	219	10	06/03/21 13:40	06/07/21 11:13	53469-21-9	
PCB-1248 (Aroclor 1248)	<219	ug/kg	720	219	10	06/03/21 13:40	06/07/21 11:13	12672-29-6	
PCB-1254 (Aroclor 1254)	<219	ug/kg	720	219	10	06/03/21 13:40	06/07/21 11:13	11097-69-1	
PCB-1260 (Aroclor 1260)	<219	ug/kg	720	219	10	06/03/21 13:40	06/07/21 11:13	11096-82-5	
PCB, Total	256J	ug/kg	720	219	10	06/03/21 13:40	06/07/21 11:13	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	86	%	67-102		10	06/03/21 13:40	06/07/21 11:13	877-09-8	
Decachlorobiphenyl (S)	74	%	47-114		10	06/03/21 13:40	06/07/21 11:13	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	30.4	%	0.10	0.10	1		06/03/21 15:36		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 419610 PH3 TASK2 MKC RAIN GARD

Pace Project No.: 40227867

Sample: RG-1 (060221) **Lab ID: 40227867002** Collected: 06/02/21 11:05 Received: 06/03/21 08:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<197	ug/kg	647	197	10	06/03/21 13:40	06/07/21 11:57	12674-11-2	D3
PCB-1221 (Aroclor 1221)	<197	ug/kg	647	197	10	06/03/21 13:40	06/07/21 11:57	11104-28-2	
PCB-1232 (Aroclor 1232)	<197	ug/kg	647	197	10	06/03/21 13:40	06/07/21 11:57	11141-16-5	
PCB-1242 (Aroclor 1242)	440J	ug/kg	647	197	10	06/03/21 13:40	06/07/21 11:57	53469-21-9	
PCB-1248 (Aroclor 1248)	<197	ug/kg	647	197	10	06/03/21 13:40	06/07/21 11:57	12672-29-6	
PCB-1254 (Aroclor 1254)	<197	ug/kg	647	197	10	06/03/21 13:40	06/07/21 11:57	11097-69-1	
PCB-1260 (Aroclor 1260)	<197	ug/kg	647	197	10	06/03/21 13:40	06/07/21 11:57	11096-82-5	
PCB, Total	440J	ug/kg	647	197	10	06/03/21 13:40	06/07/21 11:57	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	78	%	67-102		10	06/03/21 13:40	06/07/21 11:57	877-09-8	
Decachlorobiphenyl (S)	68	%	47-114		10	06/03/21 13:40	06/07/21 11:57	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	22.8	%	0.10	0.10	1		06/03/21 15:36		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 419610 PH3 TASK2 MKC RAIN GARD

Pace Project No.: 40227867

Sample: RG-2 (060221) **Lab ID: 40227867003** Collected: 06/02/21 11:08 Received: 06/03/21 08:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<228	ug/kg	749	228	10	06/03/21 13:40	06/07/21 12:40	12674-11-2	D3
PCB-1221 (Aroclor 1221)	<228	ug/kg	749	228	10	06/03/21 13:40	06/07/21 12:40	11104-28-2	
PCB-1232 (Aroclor 1232)	<228	ug/kg	749	228	10	06/03/21 13:40	06/07/21 12:40	11141-16-5	
PCB-1242 (Aroclor 1242)	<228	ug/kg	749	228	10	06/03/21 13:40	06/07/21 12:40	53469-21-9	
PCB-1248 (Aroclor 1248)	<228	ug/kg	749	228	10	06/03/21 13:40	06/07/21 12:40	12672-29-6	
PCB-1254 (Aroclor 1254)	<228	ug/kg	749	228	10	06/03/21 13:40	06/07/21 12:40	11097-69-1	
PCB-1260 (Aroclor 1260)	<228	ug/kg	749	228	10	06/03/21 13:40	06/07/21 12:40	11096-82-5	
PCB, Total	<228	ug/kg	749	228	10	06/03/21 13:40	06/07/21 12:40	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	90	%	67-102		10	06/03/21 13:40	06/07/21 12:40	877-09-8	
Decachlorobiphenyl (S)	78	%	47-114		10	06/03/21 13:40	06/07/21 12:40	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	33.5	%	0.10	0.10	1		06/03/21 15:36		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 419610 PH3 TASK2 MKC RAIN GARD
Pace Project No.: 40227867

QC Batch: 387086 Analysis Method: EPA 8082A
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40227867001, 40227867002, 40227867003

METHOD BLANK: 2232963 Matrix: Solid
Associated Lab Samples: 40227867001, 40227867002, 40227867003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	06/07/21 09:03	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	06/07/21 09:03	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	06/07/21 09:03	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	06/07/21 09:03	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	06/07/21 09:03	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	06/07/21 09:03	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	06/07/21 09:03	
Decachlorobiphenyl (S)	%	98	47-114	06/07/21 09:03	
Tetrachloro-m-xylene (S)	%	94	67-102	06/07/21 09:03	

LABORATORY CONTROL SAMPLE: 2232964

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	459	92	69-115	
Decachlorobiphenyl (S)	%			94	47-114	
Tetrachloro-m-xylene (S)	%			92	67-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2232965 2232966

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40227867001 Result	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	<219			<219	<218				20	D3
PCB-1221 (Aroclor 1221)	ug/kg	<219			<219	<218				20	
PCB-1232 (Aroclor 1232)	ug/kg	<219			<219	<218				20	
PCB-1242 (Aroclor 1242)	ug/kg	256J			268J	261J				20	
PCB-1248 (Aroclor 1248)	ug/kg	<219			<219	<218				20	
PCB-1254 (Aroclor 1254)	ug/kg	<219			<219	<218				20	
PCB-1260 (Aroclor 1260)	ug/kg	<219	718	717	614J	584J	86	82	45-120	20	
Decachlorobiphenyl (S)	%						73	72	47-114		
Tetrachloro-m-xylene (S)	%						85	83	67-102		

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.

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QUALITY CONTROL DATA

Project: 419610 PH3 TASK2 MKC RAIN GARD
Pace Project No.: 40227867

QC Batch:	387109	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40227867001, 40227867002, 40227867003

SAMPLE DUPLICATE: 2233117

Parameter	Units	40227865005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	25.9	25.3	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: 419610 PH3 TASK2 MKC RAIN GARD

Pace Project No.: 40227867

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

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 419610 PH3 TASK2 MKC RAIN GARD
Pace Project No.: 40227867

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40227867001	OUTFALL (060221)	EPA 3541	387086	EPA 8082A	387088
40227867002	RG-1 (060221)	EPA 3541	387086	EPA 8082A	387088
40227867003	RG-2 (060221)	EPA 3541	387086	EPA 8082A	387088
40227867001	OUTFALL (060221)	ASTM D2974-87	387109		
40227867002	RG-1 (060221)	ASTM D2974-87	387109		
40227867003	RG-2 (060221)	ASTM D2974-87	387109		

REPORT OF LABORATORY ANALYSIS

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Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: TRC

Project # 40227867

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper: 6/3/20

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act. pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WGFU	WPFU	SP5T	ZPLC								GN			
001																																			2.5 / 5 / 10
002																																			2.5 / 5 / 10
003																																			2.5 / 5 / 10
004																																			2.5 / 5 / 10
005																																			2.5 / 5 / 10
006																																			2.5 / 5 / 10
007																																			2.5 / 5 / 10
008																																			2.5 / 5 / 10
009																																			2.5 / 5 / 10
010																																			2.5 / 5 / 10
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013																																			2.5 / 5 / 10
014																																			2.5 / 5 / 10
015																																			2.5 / 5 / 10
016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JG9U 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

 Client Name: TRC

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

 Tracking #: 2363.0100221

 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 - 9 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

 Cooler Temperature Uncorr: 0 /Corr: 1

 Temp Blank Present: yes no

 Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

WO#: 40227867


40227867

Person examining contents:

 Date: 6/3/21 /Initials: KJ

 Labeled By Initials: KJ

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.
- 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 checked="" type="checkbox"/> Yes <input 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.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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>S</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 logir



2525 Advance Road
Madison, WI 53718
608.221.8700 Phone
608.221.4889 Fax

May 25, 2021

Andrew Stehn
TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison, WI 53717
RE: MKC Storm Sewer/Raingarden - Madison, WI

Enclosed are the analytical results for the samples received by the laboratory on 05/07/2021.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. These results are in compliance with the 2009 NELAC Standards and the appropriate agencies listed below, unless otherwise noted in the case narrative. This analytical report should be reproduced in its entirety.

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

Sincerely,

Jessica Esser
Project Manager

Certification List			Expires
DODELAP	DOD ELAP Accreditation (A2LA)	3269.01	03/31/2022
ILEPA	Illinois Secondary NELAP Accreditation	004366	04/30/2022
KDHE	Kansas Secondary NELAP Accreditation	E-10384	04/30/2022
LELAP	Louisiana Primary NELAP Accreditation	04165	06/30/2021
NJDEP	New Jersey Secondary NELAP Accreditation	WI004	06/30/2021
NYDOH	New York Department of Health	12110	04/01/2022
TCEQ	Texas Secondary NELAP Accreditation	T104704504-20-11	11/30/2021
WDNR	Wisconsin Certification under NR 149	113289110	08/31/2021

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: MKC Storm Sewer/Raingarden - Madison, WI
 Project Number: 419610 Ph 3 Tsk 2
 Project Manager: Andrew Stehn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
050721-W	A211824-01	Water	05/07/2021	05/07/2021
050721-S	A211824-02	Solid	05/07/2021	05/07/2021
MH-1A (050721)	A211824-03	Solid	05/07/2021	05/07/2021

CASE NARRATIVE

Sample Receipt Information:

Three samples were received on 05/07/2021. Samples were received in acceptable condition.

PCB analysis for samples A211824-02 and A211824-03 was subcontracted to Pace Analytical in Green Bay, WI. Please see their appended report for quality control results.

Please see the chain of custody (COC) document at the end of this report for additional information.

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: MKC Storm Sewer/Raingarden - Madison, WI
Project Number: 419610 Ph 3 Tsk 2
Project Manager: Andrew Stehn

050721-W

Date Sampled

A211824-01 (Water)

05/07/2021 07:55

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical - Madison

Polychlorinated Biphenyls by EPA Method 8082

Preparation Batch:A105105

PCB-1016	ND	0.0072	0.13	ug/L	1	05/11/2021	05/22/2021 11:48	EPA 8082A	
PCB-1221	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 11:48	EPA 8082A	
PCB-1232	ND	0.0042	0.13	ug/L	1	05/11/2021	05/22/2021 11:48	EPA 8082A	
PCB-1242	ND	0.013	0.13	ug/L	1	05/11/2021	05/22/2021 11:48	EPA 8082A	X
PCB-1248	ND	0.011	0.13	ug/L	1	05/11/2021	05/22/2021 11:48	EPA 8082A	
PCB-1254	ND	0.010	0.13	ug/L	1	05/11/2021	05/22/2021 11:48	EPA 8082A	
PCB-1260	ND	0.012	0.13	ug/L	1	05/11/2021	05/22/2021 11:48	EPA 8082A	
Total PCBs	ND	0.026	0.25	ug/L	1	05/11/2021	05/22/2021 11:48	EPA 8082A	
Surrogate: Tetrachloro-meta-xylene			67.7 %	60.7-128		05/11/2021	05/22/2021 11:48	EPA 8082A	
Surrogate: Decachlorobiphenyl			64.4 %	57.1-151		05/11/2021	05/22/2021 11:48	EPA 8082A	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: MKC Storm Sewer/Raingarden - Madison, WI
 Project Number: 419610 Ph 3 Tsk 2
 Project Manager: Andrew Stehn

050721-S
A211824-02 (Solid)

Date Sampled
05/07/2021 08:20

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical-Green Bay, WI

ASTM D2974-87

Preparation Batch:PMST 20514

Percent Moisture	43.8	0.10	0.10	% dry	1	05/18/2021	05/18/2021 17:03	ASTM D2974-87	
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EPA 8082

Preparation Batch:OEXT 48739

PCB, Total	1030	270	889	ug/kg dry	10	05/19/2021	05/19/2021 17:57	EPA 8082	
PCB-1016 (Aroclor 1016)	ND	270	889	ug/kg dry	10	05/19/2021	05/19/2021 17:57	EPA 8082	D3
PCB-1221 (Aroclor 1221)	ND	270	889	ug/kg dry	10	05/19/2021	05/19/2021 17:57	EPA 8082	
PCB-1232 (Aroclor 1232)	ND	270	889	ug/kg dry	10	05/19/2021	05/19/2021 17:57	EPA 8082	
PCB-1242 (Aroclor 1242)	ND	270	889	ug/kg dry	10	05/19/2021	05/19/2021 17:57	EPA 8082	
PCB-1248 (Aroclor 1248)	1030	270	889	ug/kg dry	10	05/19/2021	05/19/2021 17:57	EPA 8082	
PCB-1254 (Aroclor 1254)	ND	270	889	ug/kg dry	10	05/19/2021	05/19/2021 17:57	EPA 8082	
PCB-1260 (Aroclor 1260)	ND	270	889	ug/kg dry	10	05/19/2021	05/19/2021 17:57	EPA 8082	
Surrogate: Decachlorobiphenyl (S)			81 %	47-114		05/19/2021	05/19/2021 17:57	EPA 8082	
Surrogate: Tetrachloro-m-xylene (S)			90 %	67-102		05/19/2021	05/19/2021 17:57	EPA 8082	

TRC Environmental Corporation, Inc.
 708 Heartland Trail, Ste 3000
 Madison WI, 53717

Project: MKC Storm Sewer/Raingarden - Madison, WI
 Project Number: 419610 Ph 3 Tsk 2
 Project Manager: Andrew Stehn

MH-1A (050721)

Date Sampled

A211824-03 (Solid)

05/07/2021 08:35

Analyte	Result	Limit of Detection	Limit of Quantitation	Units	Dilution	Prepared	Analyzed	Method	Qualifiers
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Pace Analytical-Green Bay, WI

ASTM D2974-87

Preparation Batch:PMST 20514

Percent Moisture	20.0	0.10	0.10	% dry	1	05/18/2021	05/18/2021 17:03	ASTM D2974-87	
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EPA 8082

Preparation Batch:OEXT 48739

PCB, Total	261	190	625	ug/kg dry	10	05/19/2021	05/19/2021 18:19	EPA 8082	J
PCB-1016 (Aroclor 1016)	ND	190	625	ug/kg dry	10	05/19/2021	05/19/2021 18:19	EPA 8082	D3
PCB-1221 (Aroclor 1221)	ND	190	625	ug/kg dry	10	05/19/2021	05/19/2021 18:19	EPA 8082	
PCB-1232 (Aroclor 1232)	ND	190	625	ug/kg dry	10	05/19/2021	05/19/2021 18:19	EPA 8082	
PCB-1242 (Aroclor 1242)	ND	190	625	ug/kg dry	10	05/19/2021	05/19/2021 18:19	EPA 8082	
PCB-1248 (Aroclor 1248)	261	190	625	ug/kg dry	10	05/19/2021	05/19/2021 18:19	EPA 8082	J
PCB-1254 (Aroclor 1254)	ND	190	625	ug/kg dry	10	05/19/2021	05/19/2021 18:19	EPA 8082	
PCB-1260 (Aroclor 1260)	ND	190	625	ug/kg dry	10	05/19/2021	05/19/2021 18:19	EPA 8082	
Surrogate: Decachlorobiphenyl (S)			84 %	47-114		05/19/2021	05/19/2021 18:19	EPA 8082	
Surrogate: Tetrachloro-m-xylene (S)			96 %	67-102		05/19/2021	05/19/2021 18:19	EPA 8082	

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: MKC Storm Sewer/Raingarden - Madison, WI
Project Number: 419610 Ph 3 Tsk 2
Project Manager: Andrew Stehn

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

Pace Analytical - Madison

Analyte	Result	Limit of Quantitation	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A105105 - EPA 3511										
Blank (A105105-BLK1)										
Prepared: 05/11/2021 Analyzed: 05/22/2021 03:28										
PCB-1016	ND	0.13	ug/L							
PCB-1221	ND	0.25	ug/L							
PCB-1232	ND	0.13	ug/L							
PCB-1242	ND	0.13	ug/L							
PCB-1248	ND	0.13	ug/L							
PCB-1254	ND	0.13	ug/L							
PCB-1260	ND	0.13	ug/L							
Total PCBs	ND	0.25	ug/L							
Surrogate: Tetrachloro-meta-xylene	0.701		ug/L	0.7500		93.5	60.7-128			
Surrogate: Decachlorobiphenyl	0.763		ug/L	0.7500		102	57.1-151			
LCS (A105105-BS1)										
Prepared: 05/11/2021 Analyzed: 05/22/2021 03:55										
PCB-1242	14.8	0.13	ug/L	12.50		119	49.6-153			
Surrogate: Tetrachloro-meta-xylene	0.660		ug/L	0.7500		88.0	60.7-128			
Surrogate: Decachlorobiphenyl	0.718		ug/L	0.7500		95.8	57.1-151			
Matrix Spike (A105105-MS1)										
Source: A211824-01 Prepared: 05/11/2021 Analyzed: 05/22/2021 12:14										
PCB-1242	8.96	0.13	ug/L	12.50	ND	71.7	42.8-158			
Surrogate: Tetrachloro-meta-xylene	0.479		ug/L	0.7500		63.9	60.7-128			
Surrogate: Decachlorobiphenyl	0.441		ug/L	0.7500		58.8	57.1-151			
Matrix Spike Dup (A105105-MSD1)										
Source: A211824-01 Prepared: 05/11/2021 Analyzed: 05/22/2021 12:41										
PCB-1242	11.8	0.13	ug/L	12.50	ND	94.4	42.8-158	27.4	20	X
Surrogate: Tetrachloro-meta-xylene	0.564		ug/L	0.7500		75.2	60.7-128			
Surrogate: Decachlorobiphenyl	0.534		ug/L	0.7500		71.3	57.1-151			

TRC Environmental Corporation, Inc.
708 Heartland Trail, Ste 3000
Madison WI, 53717

Project: MKC Storm Sewer/Raingarden - Madison, WI
Project Number: 419610 Ph 3 Tsk 2
Project Manager: Andrew Stehn

Notes and Definitions

- X Precision for the matrix spike duplicate, laboratory control sample duplicate or lab duplicate was outside of control limits.
- J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
- D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- ND Analyte NOT DETECTED at or above the reporting limit or limit of detection (if listed).
- NR Not Reported
- dry Sample results reported on a dry weight basis. Detection limits (if listed) and reporting limits have been adjusted for the solids content. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference

Detection limits (if listed) and reporting limits have been adjusted for dilutions, if reported.



Pace Analytical - ECCS Division
 2525 Advance Road
 Madison, WI 53718
 608-221-8700 (phone)
 608-221-4889 (fax)

CHAIN OF CUSTODY

No. 13008

Page: 1 of 1

Project Number: 419610 Ph 3 Tsk 2 PO Number: 162342 Project Name: Mac Rash Garden Project Location (City, State): Madison, WI Turn Around (check one): <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush If Rush, Report Due Date: Sampled By (Print): Andrew Stehn		Lab Work Order #: A211824		Report To: Andrew Stehn Company: TRC							
		Preservation Codes		Address 1: 708 Heartland Trail Address 2: Suite 300, Madison, WI E-mail Address: astehn@trccompanies.com							
Sample Description		Analyses Requested A		Invoice To: Company: <i>Sum as above</i> Address 1: Address 2:							
		Collection Date Time Matrix Total # of Containers		Comments Lab ID Lab Receipt Time							
050721-W		5/7/21	0755	W	4	X				01	
050721-S		↓	0820	S	1	X				02	
MH-1A MW-1A (050721)		↓	0835	S	1	X				03	
Preservation Codes A=None B=HCL C=H ₂ SO ₄ D=HNO ₃ E=EnCore F=Methanol G=NaOH O=Other (Indicate) Matrix Codes A=Air S=Soil W=Water O=Other		Other Comments: Relinquished By: Andrew Stehn TRC Relinquished By:		Date: 5/7/21 Time: 0900 Received By: <i>[Signature]</i> Date: 05-07-21 Time: 0900							
		Custody Seal: <input type="checkbox"/> NA <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Shipped Via: WalkIn Receipt Temp: on ice Thermometer #/ Exp. Date: Temp Blank: <input type="checkbox"/> Y <input type="checkbox"/> N							

Page 8 of 21 A211824 FINAL 05 25 2021 1632

May 20, 2021

Jessica Esser
Pace Analytical Madison
2525 Advance Road
Madison, WI 53718

RE: Project: A211824 MKC STORM SEWER/RAINGA
Pace Project No.: 40227126

Dear Jessica Esser:

Enclosed are the analytical results for sample(s) received by the laboratory on May 18, 2021. 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,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: A211824 MKC STORM SEWER/RAINGA

Pace Project No.: 40227126

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

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: A211824 MKC STORM SEWER/RAINGA

Pace Project No.: 40227126

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40227126001	050721-S	Solid	05/07/21 08:20	05/18/21 08:10
40227126002	MH-1A (050721)	Solid	05/07/21 08:35	05/18/21 08:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: A211824 MKC STORM SEWER/RAINGA
Pace Project No.: 40227126

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40227126001	050721-S	EPA 8082	BLM	10
		ASTM D2974-87	AH	1
40227126002	MH-1A (050721)	EPA 8082	BLM	10
		ASTM D2974-87	AH	1

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: A211824 MKC STORM SEWER/RAINGA

Pace Project No.: 40227126

Sample: 050721-S **Lab ID: 40227126001** Collected: 05/07/21 08:20 Received: 05/18/21 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<270	ug/kg	889	270	10	05/19/21 06:27	05/19/21 17:57	12674-11-2	D3
PCB-1221 (Aroclor 1221)	<270	ug/kg	889	270	10	05/19/21 06:27	05/19/21 17:57	11104-28-2	
PCB-1232 (Aroclor 1232)	<270	ug/kg	889	270	10	05/19/21 06:27	05/19/21 17:57	11141-16-5	
PCB-1242 (Aroclor 1242)	<270	ug/kg	889	270	10	05/19/21 06:27	05/19/21 17:57	53469-21-9	
PCB-1248 (Aroclor 1248)	1030	ug/kg	889	270	10	05/19/21 06:27	05/19/21 17:57	12672-29-6	
PCB-1254 (Aroclor 1254)	<270	ug/kg	889	270	10	05/19/21 06:27	05/19/21 17:57	11097-69-1	
PCB-1260 (Aroclor 1260)	<270	ug/kg	889	270	10	05/19/21 06:27	05/19/21 17:57	11096-82-5	
PCB, Total	1030	ug/kg	889	270	10	05/19/21 06:27	05/19/21 17:57	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	90	%	67-102		10	05/19/21 06:27	05/19/21 17:57	877-09-8	
Decachlorobiphenyl (S)	81	%	47-114		10	05/19/21 06:27	05/19/21 17:57	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	43.8	%	0.10	0.10	1		05/18/21 17:03		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: A211824 MKC STORM SEWER/RAINGA
Pace Project No.: 40227126

Sample: MH-1A (050721) **Lab ID: 40227126002** Collected: 05/07/21 08:35 Received: 05/18/21 08:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<190	ug/kg	625	190	10	05/19/21 06:27	05/19/21 18:19	12674-11-2	D3
PCB-1221 (Aroclor 1221)	<190	ug/kg	625	190	10	05/19/21 06:27	05/19/21 18:19	11104-28-2	
PCB-1232 (Aroclor 1232)	<190	ug/kg	625	190	10	05/19/21 06:27	05/19/21 18:19	11141-16-5	
PCB-1242 (Aroclor 1242)	<190	ug/kg	625	190	10	05/19/21 06:27	05/19/21 18:19	53469-21-9	
PCB-1248 (Aroclor 1248)	261J	ug/kg	625	190	10	05/19/21 06:27	05/19/21 18:19	12672-29-6	
PCB-1254 (Aroclor 1254)	<190	ug/kg	625	190	10	05/19/21 06:27	05/19/21 18:19	11097-69-1	
PCB-1260 (Aroclor 1260)	<190	ug/kg	625	190	10	05/19/21 06:27	05/19/21 18:19	11096-82-5	
PCB, Total	261J	ug/kg	625	190	10	05/19/21 06:27	05/19/21 18:19	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	96	%	67-102		10	05/19/21 06:27	05/19/21 18:19	877-09-8	
Decachlorobiphenyl (S)	84	%	47-114		10	05/19/21 06:27	05/19/21 18:19	2051-24-3	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	20.0	%	0.10	0.10	1		05/18/21 17:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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QUALITY CONTROL DATA

Project: A211824 MKC STORM SEWER/RAINGA
Pace Project No.: 40227126

QC Batch: 385654 Analysis Method: EPA 8082
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40227126001, 40227126002

METHOD BLANK: 2225417 Matrix: Solid
Associated Lab Samples: 40227126001, 40227126002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	05/19/21 16:30	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	05/19/21 16:30	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	05/19/21 16:30	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	05/19/21 16:30	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	05/19/21 16:30	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	05/19/21 16:30	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	05/19/21 16:30	
Decachlorobiphenyl (S)	%	95	47-114	05/19/21 16:30	
Tetrachloro-m-xylene (S)	%	95	67-102	05/19/21 16:30	

LABORATORY CONTROL SAMPLE: 2225418

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	471	94	69-115	
Decachlorobiphenyl (S)	%			96	47-114	
Tetrachloro-m-xylene (S)	%			95	67-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2225419 2225420

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40227121001 Result	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	<15.7			<15.7	<15.7					20
PCB-1221 (Aroclor 1221)	ug/kg	<15.7			<15.7	<15.7					20
PCB-1232 (Aroclor 1232)	ug/kg	<15.7			<15.7	<15.7					20
PCB-1242 (Aroclor 1242)	ug/kg	<15.7			<15.7	<15.7					20
PCB-1248 (Aroclor 1248)	ug/kg	<15.7			<15.7	<15.7					20
PCB-1254 (Aroclor 1254)	ug/kg	<15.7			<15.7	<15.7					20
PCB-1260 (Aroclor 1260)	ug/kg	<15.7	517	517	477	474	92	92	45-120	1	20
Decachlorobiphenyl (S)	%						94	93	47-114		
Tetrachloro-m-xylene (S)	%						92	93	67-102		

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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QUALITY CONTROL DATA

Project: A211824 MKC STORM SEWER/RAINGA

Pace Project No.: 40227126

QC Batch: 385645

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40227126001, 40227126002

SAMPLE DUPLICATE: 2225363

Parameter	Units	40227119001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.6	4.7	1	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: A211824 MKC STORM SEWER/RAINGA

Pace Project No.: 40227126

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

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: A211824 MKC STORM SEWER/RAINGA

Pace Project No.: 40227126

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40227126001	050721-S	EPA 3541	385654	EPA 8082	385676
40227126002	MH-1A (050721)	EPA 3541	385654	EPA 8082	385676
40227126001	050721-S	ASTM D2974-87	385645		
40227126002	MH-1A (050721)	ASTM D2974-87	385645		

REPORT OF LABORATORY ANALYSIS

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SUBCONTRACT ORDER

Pace Analytical - Madison

A211824

40227126

SENDING LABORATORY:

Pace Analytical - Madison
 2525 Advance Road
 Madison, WI 53718
 Phone: 608.221.8700
 Fax: 608,221,4889
 Project Manager: Jessica Esser

RECEIVING LABORATORY:

Pace Analytical
 1241 Bellevue Street, Suite 9
 Green Bay, WI 54302
 Phone : (920) 469-2436
 Fax: (920) 469-8827

Turn around Time: _____ Normal

Project Name: MKC Storm Sewer/Raingarden - Madison, WI

_____ Rush

Analysis	Due	Expires	Laboratory ID	Comments
----------	-----	---------	---------------	----------

050721-S	Lab ID: A211824-02	Solid Soil 05-17-21 Sampled: 05/07/2021 08:20	001	
----------	--------------------	--	-----	--

8082 PCBs	05/21/2021 00:00	05/07/2022 08:20		report to MDL
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Containers Supplied:

MH-1A (050721)	Lab ID: A211824-03	Solid Soil 05-17-21 Sampled: 05/07/2021 08:35	002	
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8082 PCBs	05/21/2021 00:00	05/07/2022 08:35		report to MDL
-----------	------------------	------------------	--	---------------

Containers Supplied:

Released By	Date	Received By	Date
Jessica Esser	05-17-21 1500	Sam Pace	5/18/21 0810
Released By	Date	Received By	Date
CS Logistics	5/18/21 0810	Sam Pace	5/18/21 0810

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: Pace Madison

Project # 40227126

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials					Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC								GN					
001																																					2.5 / 5 / 10
002																																					2.5 / 5 / 10
003																																					2.5 / 5 / 10
004																																					2.5 / 5 / 10
005																																					2.5 / 5 / 10
006																																					2.5 / 5 / 10
007																																					2.5 / 5 / 10
008																																					2.5 / 5 / 10
009																																					2.5 / 5 / 10
010																																					2.5 / 5 / 10
011																																					2.5 / 5 / 10
012																																					2.5 / 5 / 10
013																																					2.5 / 5 / 10
014																																					2.5 / 5 / 10
015																																					2.5 / 5 / 10
016																																					2.5 / 5 / 10
017																																					2.5 / 5 / 10
018																																					2.5 / 5 / 10
019																																					2.5 / 5 / 10
020																																					2.5 / 5 / 10

5/18/21
SPK

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: Pace Madison

WO# : 40227126

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 - 98 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2-5 / Corr: 2-5

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:	
Date: <u>5/18/21</u>	Initials: <u>SRK</u>
Labeled By Initials: <u>ARW</u>	

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 type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	4. <u>TRWD</u> <u>5/18/21 SRK</u>
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- 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.
- Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
- Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
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>S</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 logir