

Notice: Use this form to request a **written response (on agency letterhead)** from the Department of Natural Resources (DNR) regarding technical assistance, a post-closure change to a site, a specialized agreement or liability clarification for Property with known or suspected environmental contamination. A fee will be required as is authorized by s. 292.55, Wis. Stats., and NR 749, Wis. Adm. Code., unless noted in the instructions below. 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 [ss. 19.31 - 19.39, Wis. Stats.].

Definitions

"Property" refers to the subject Property that is perceived to have been or has been impacted by the discharge of hazardous substances.

"Liability Clarification" refers to a written determination by the Department provided in response to a request made on this form. The response clarifies whether a person is or may become liable for the environmental contamination of a Property, as provided in s. 292.55, Wis. Stats.

"Technical Assistance" refers to the Department's assistance or comments on the planning and implementation of an environmental investigation or environmental cleanup on a Property in response to a request made on this form as provided in s. 292.55, Wis. Stats.

"Post-closure modification" refers to changes to Property boundaries and/or continuing obligations for Properties or sites that received closure letters for which continuing obligations have been applied or where contamination remains. Many, but not all, of these sites are included on the GIS Registry layer of RR Sites Map to provide public notice of residual contamination and continuing obligations.

Select the Correct Form

This form should be used to request the following from the DNR:

- Technical Assistance
- Liability Clarification
- Post-Closure Modifications
- Specialized Agreements (tax cancellation, negotiated agreements, etc.)

Do not use this form if one of the following applies:

- Request for an **off-site liability exemption or clarification** for Property that has been or is perceived to be contaminated by one or more hazardous substances that originated on another Property containing the source of the contamination. Use DNR's Off-Site Liability Exemption and Liability Clarification Application Form 4400-201.
- Submittal of an Environmental Assessment for the **Lender Liability Exemption**, s 292.21, Wis. Stats., **if no response or review by DNR is requested**. Use the Lender Liability Exemption Environmental Assessment Tracking Form 4400-196.
- Request for an **exemption to develop on a historic fill site** or licensed landfill. Use DNR's Form 4400-226 or 4400-226A.
- **Request for closure** for Property where the investigation and cleanup actions are completed. Use DNR's Case Closure - GIS Registry Form 4400-202.

All forms, publications and additional information are available on the internet at: dnr.wi.gov/topic/Brownfields/Pubs.html.

Instructions

1. Complete sections 1, 2, 6 and 7 for all requests. Be sure to provide adequate and complete information.
2. Select the type of assistance requested: Section 3 for technical assistance or post-closure modifications, Section 4 for a written determination or clarification of environmental liabilities; or Section 5 for a specialized agreement.
3. Include the fee payment that is listed in Section 3, 4, or 5, unless you are a "Voluntary Party" enrolled in the Voluntary Party Liability Exemption Program **and** the questions in Section 2 direct otherwise. Information on to whom and where to send the fee is found in Section 8 of this form.
4. Send the completed request, supporting materials and the fee to the appropriate DNR regional office where the Property is located. See the map on the last page of this form. A paper copy of the signed form and all reports and supporting materials shall be sent with an electronic copy of the form and supporting materials on a compact disk. For electronic document submittal requirements see: <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>

The time required for DNR's determination varies depending on the complexity of the site, and the clarity and completeness of the request and supporting documentation.

Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

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Section 1. Contact and Recipient Information

Requester Information

This is the person requesting technical assistance or a post-closure modification review, that his or her liability be clarified or a specialized agreement and is identified as the requester in Section 7. DNR will address its response letter to this person.

Last Name Sill	First Matt	MI	Organization/ Business Name Madison-Kipp Corporation
Mailing Address 201 Waubesa Street			City Madison
			State WI
			ZIP Code 53704
Phone # (include area code) (608) 242-5207	Fax # (include area code)	Email msill@madison-kipp.com	

The requester listed above: (select all that apply)

- Is currently the owner
- Is currently renting or leasing the Property
- Is a lender with a mortgagee interest in the Property
- Other. Explain the status of the Property with respect to the applicant:
- Is considering selling the Property
- Is considering acquiring the Property

Contact Information (to be contacted with questions about this request)

Select if same as requester

Contact Last Name Sill	First Matt	MI	Organization/ Business Name Madison-Kipp Corporation
Mailing Address 201 Waubesa Street			City Madison
			State WI
			ZIP Code 53704
Phone # (include area code) (608) 242-5207	Fax # (include area code)	Email msill@madison-kipp.com	

Environmental Consultant (if applicable)

Contact Last Name Vater	First Katherine	MI	Organization/ Business Name TRC Environmental Corporation
Mailing Address 708 Heartland Trail, Suite 3000			City Madison
			State WI
			ZIP Code 53717
Phone # (include area code) (608) 826-3663	Fax # (include area code)	Email kvater@trccompanies.com	

Attorney (if applicable)

Contact Last Name Crass	First David	MI	Organization/ Business Name Michael Best & Friedrich LLP
Mailing Address 1 S Pinckney Street, Suite 700			City Madison
			State WI
			ZIP Code 53703
Phone # (include area code) (608) 257-3501	Fax # (include area code)	Email dacrass@michaelbest.com	

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Section 2. Property Information

Property Name Madison-Kipp Corporation		FID No. (if known)	
BRRTS No. (if known) 02-13-558625 & 02-13-57814	Parcel Identification Number		
Street Address 201 Waubesa Street	City Madison	State WI	ZIP Code 53704
County Dane	Municipality where the Property is located <input checked="" type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village of Madison	Property is composed of: <input type="radio"/> Single tax parcel <input type="radio"/> Multiple tax parcels	Property Size Acres

1. Is a response needed by a specific date? (e.g., Property closing date) Note: Most requests are completed within 60 days. Please plan accordingly.

No Yes

Date requested by: 09/16/2022

Reason: In order to prepare for October 2022 groundwater monitoring event.

2. Is the "Requester" enrolled as a Voluntary Party in the Voluntary Party Liability Exemption (VPLE) program?

No. Include the fee that is required for your request in Section 3, 4 or 5.

Yes. Do not include a separate fee. This request will be billed separately through the VPLE Program.

Fill out the information in Section 3, 4 or 5 which corresponds with the type of request:

Section 3. Technical Assistance or Post-Closure Modifications;

Section 4. Liability Clarification; or Section 5. Specialized Agreement.

Section 3. Request for Technical Assistance or Post-Closure Modification

Select the type of technical assistance requested: [Numbers in brackets are for WI DNR Use]

- No Further Action Letter (NFA) (Immediate Actions) - NR 708.09, [183] - Include a fee of \$350. Use for a written response to an immediate action after a discharge of a hazardous substance occurs. Generally, these are for a one-time spill event.
- Review of Site Investigation Work Plan - NR 716.09, [135] - Include a fee of \$700.
- Review of Site Investigation Report - NR 716.15, [137] - Include a fee of \$1050.
- Approval of a Site-Specific Soil Cleanup Standard - NR 720.10 or 12, [67] - Include a fee of \$1050.
- Review of a Remedial Action Options Report - NR 722.13, [143] - Include a fee of \$1050.
- Review of a Remedial Action Design Report - NR 724.09, [148] - Include a fee of \$1050.
- Review of a Remedial Action Documentation Report - NR 724.15, [152] - Include a fee of \$350
- Review of a Long-term Monitoring Plan - NR 724.17, [25] - Include a fee of \$425.
- Review of an Operation and Maintenance Plan - NR 724.13, [192] - Include a fee of \$425.

Other Technical Assistance - s. 292.55, Wis. Stats. [97] (For request to build on an abandoned landfill use Form 4400-226)

- Schedule a Technical Assistance Meeting - Include a fee of \$700.
- Hazardous Waste Determination - Include a fee of \$700.
- Other Technical Assistance - Include a fee of \$700. Explain your request in an attachment.

Post-Closure Modifications - NR 727, [181]

- Post-Closure Modifications: Modification to Property boundaries and/or continuing obligations of a closed site or Property; sites may be on the GIS Registry. This also includes removal of a site or Property from the GIS Registry. Include a fee of \$1050, and:
 - Include a fee of \$300 for sites with residual soil contamination; and
 - Include a fee of \$350 for sites with residual groundwater contamination, monitoring wells or for vapor intrusion continuing obligations.

Attach a description of the changes you are proposing, and documentation as to why the changes are needed (if the change to a Property, site or continuing obligation will result in revised maps, maintenance plans or photographs, those documents may be submitted later in the approval process, on a case-by-case basis).

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Skip Sections 4 and 5 if the technical assistance you are requesting is listed above and complete Sections 6 and 7 of this form.

Section 5. Request for a Specialized Agreement

Select the type of agreement needed. Include the appropriate draft agreements and supporting materials. Complete Sections 6 and 7 of this form. More information and model draft agreements are available at: dnr.wi.gov/topic/Brownfields/lgu.html#tabx4.

- Tax cancellation agreement - s. 75.105(2)(d), Wis. Stats. [654]
 - ❖ **Include a fee of \$700, and the information listed below:**
 - (1) Phase I and II Environmental Site Assessment Reports,
 - (2) a copy of the Property deed with the correct legal description.
- Agreement for assignment of tax foreclosure judgement - s.75.106, Wis. Stats. [666]
 - ❖ **Include a fee of \$700, and the information listed below:**
 - (1) Phase I and II Environmental Site Assessment Reports,
 - (2) a copy of the Property deed with the correct legal description.
- Negotiated agreement - Enforceable contract for non-emergency remediation - s. 292.11(7)(d) and (e), Wis. Stats. [630]
 - ❖ **Include a fee of \$1400, and the information listed below:**
 - (1) a draft schedule for remediation; and,
 - (2) the name, mailing address, phone and email for each party to the agreement.

Section 6. Other Information Submitted

Identify all materials that are included with this request.

Send both a paper copy of the signed form and all reports and supporting materials, and an electronic copy of the form and all reports, including Environmental Site Assessment Reports, and supporting materials on a compact disk.

Include one copy of any document from any state agency files that you want the Department to review as part of this request. The person submitting this request is responsible for contacting other state agencies to obtain appropriate reports or information.

- Phase I Environmental Site Assessment Report - Date: _____
- Phase II Environmental Site Assessment Report - Date: _____
- Legal Description of Property (required for all liability requests and specialized agreements)
- Map of the Property (required for all liability requests and specialized agreements)
 - Analytical results of the following sampled media: Select all that apply and include date of collection.
 - Groundwater Soil Sediment Other medium - Describe: _____
 - Date of Collection: _____
- A copy of the closure letter and submittal materials
- Draft tax cancellation agreement
- Draft agreement for assignment of tax foreclosure judgment
- Other report(s) or information - Describe: _____

For Property with newly identified discharges of hazardous substances only: Has a notification of a discharge of a hazardous substance been sent to the DNR as required by s. NR 706.05(1)(b), Wis. Adm. Code?

- Yes - Date (if known): _____
- No

Note: The Notification for Hazardous Substance Discharge (non-emergency) form is available at: dnr.wi.gov/files/PDF/forms/4400/4400-225.pdf.

Section 7. Certification by the Person who completed this form

- I am the person submitting this request (requester)
- I prepared this request for: Matt Sill, Madison-Kipp Corporation
Requester Name

I certify that I am familiar with the information submitted on this request, and that the information on and included with this request is true, accurate and complete to the best of my knowledge. I also certify I have the legal authority and the applicant's permission to make this request.

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Signature

6/29/2022

Date Signed

Senior Project Manager

Title

(608) 826-3663

Telephone Number (include area code)

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Section 8. DNR Contacts and Addresses for Request Submittals

Send or deliver one paper copy and one electronic copy on a compact disk of the completed request, supporting materials, and fee to the region where the property is located to the address below. Contact a DNR regional brownfields specialist with any questions about this form or a specific situation involving a contaminated property. For electronic document submittal requirements see: <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>.

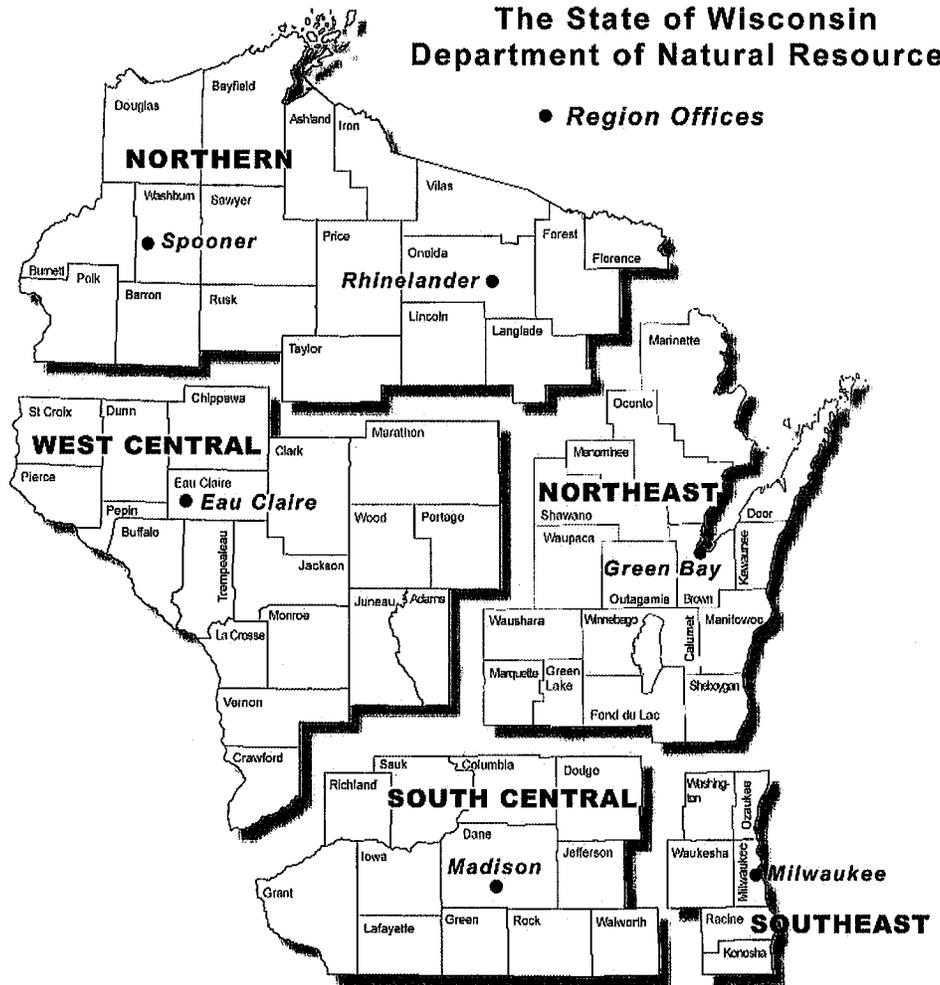
DNR NORTHERN REGION
 Attn: RR Program Assistant
 Department of Natural Resources
 223 E Steinfest Rd Antigo, WI 54409

DNR NORTHEAST REGION
 Attn: RR Program Assistant
 Department of Natural Resources
 2984 Shawano Avenue
 Green Bay WI 54313

DNR SOUTH CENTRAL REGION
 Attn: RR Program Assistant
 Department of Natural Resources
 3911 Fish Hatchery Road
 Fitchburg WI 53711

DNR SOUTHEAST REGION
 Attn: RR Program Assistant
 Department of Natural Resources
 2300 North Martin Luther King Drive
 Milwaukee WI 53212

DNR WEST CENTRAL REGION
 Attn: RR Program Assistant
 Department of Natural Resources
 1300 Clairemont Ave.
 Eau Claire WI 54702



Note: These are the Remediation and Redevelopment Program's designated regions. Other DNR program regional boundaries may be different.

DNR Use Only			
Date Received	Date Assigned	BRRTS Activity Code	BRRTS No. (if used)
DNR Reviewer		Comments	
Fee Enclosed? <input type="radio"/> Yes <input type="radio"/> No	Fee Amount \$	Date Additional Information Requested	Date Requested for DNR Response Letter
Date Approved	Final Determination		



708 Heartland Trl.
Suite 3000
Madison, WI 53717

T 608.826.3600
TRCcompanies.com

June 29, 2022

Mr. Luke Lampo
Hydrogeologist
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711-5367

Mr. Peter Ramanauskas
U.S. Environmental Protection Agency
Region 5
Mail Code: LCRD-16J
77 West Jackson Boulevard
Chicago, IL 60604

Subject: Madison-Kipp Groundwater Monitoring Plan for PCBs
201 Waubesa Street, Madison, Wisconsin
BRRTS #02-13-558625 and #02-13-578014

Dear Luke and Peter:

This letter provides a summary of the groundwater monitoring program for polychlorinated biphenyls (PCBs) conducted to date, a review of the sampling program, and recommendations for discontinuation of the analysis of PCBs in groundwater at the subject site.

Background

Madison-Kipp Corporation (MKC) is currently conducting groundwater monitoring at its facility at 201 Waubesa Street, Madison, Wisconsin (the Site). TRC Environmental Corporation (TRC) is assisting MKC with groundwater monitoring at the Site. Groundwater monitoring is conducted semi-annually. Primarily groundwater samples are analyzed for volatile organic compounds (VOCs), but a select number of samples are analyzed for PCBs.

The Site has 39 monitoring wells, 4 multi-port wells, and one operational extraction well (GWE-1). The wells are installed in unconsolidated units and/or bedrock. The Site's near-surface geology consists of two unconsolidated units consisting of fill material and glacially derived deposits, which overlie sandstone bedrock of the Lone Rock and Wonewoc Formations. The Wonewoc sandstone is underlain by siltstone of the Eau Claire Formation, which serves as a regional aquitard.

Ten select wells at the Site are sampled for PCBs, total suspended solids (TSS), and total dissolved solids (TDS). The ten selected wells, analyses, frequency, and duration of monitoring are based on the November 22, 2017, Stipulation and Order for Judgment (Stipulation) between the State of Wisconsin and MKC, and in coordination with the United States Environmental Protection Agency (U.S. EPA). Paragraph 9(a) of the Stipulation describes the monitoring requirements for PCBs in groundwater. Eight wells are listed: MW-11S, MW-28, MW-4S, MW-4D, MW-6S, MW-24, MW-29S, and MW-29D. Two additional wells, MW-3D and MW-5S, were added to the monitoring program in 2018 upon coordination with the U.S. EPA (April 2, 2019). The wells sampled for PCBs are screened within the unconsolidated and Lone Rock unit/formation. Paragraph 9(a)(v) states, "After five years of semi-annual monitoring, the parties shall review the sampling program and determine if the frequency of sampling can be reduced or discontinued at certain well locations."

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Mr. Peter Ramanauskas
U.S. Environmental Protection Agency
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In addition, the 2019 Coordinated Approval with U.S. EPA required the collection of “one round of groundwater samples for PCB analysis at MW-2S, MW-2D, MW-5D, and MW-6D.”

Summary of Groundwater Monitoring Program for PCBs

Groundwater monitoring for PCBs had been conducted at various wells intermittently in the past as part of investigation activities. Subsequent to the Stipulation, groundwater monitoring for PCBs has been conducted semi-annually at the required wells. In October 2017, semi-annual monitoring started at MW-4S, MW-4D, MW-6S, MW-11S, MW-24, and MW-28. In April 2018, semi-annual monitoring started at MW-29S and MW-29D. In October 2018, semi-annual monitoring started at MW-3D and MW-5S. In addition, in October 2018, the one round of groundwater samples was completed at MW-2S, MW-2D, MW-5D, and MW-6D.

Through April 2022, there have been no detections of PCBs above laboratory reporting limits. The Groundwater Analytical Results Summary of groundwater monitoring conducted to date at the Site is included as Attachment 1.

Review of the Groundwater Monitoring Program for PCBs

The Stipulation required five years of semi-annual monitoring for PCBs at the required monitoring wells. The ten required sampling events have been completed at MW-4S, MW-4D, MW-6S, MW-11S, MW-24, and MW-28. Through the ten monitoring events, there have been no detections of PCBs above laboratory reporting limits. The one monitoring event at MW-2S, MW-2D, MW-5D, and MW-6D has also been completed and there were no detections of PCBs above laboratory reporting limits.

Monitoring at MW-29S and MW-29D started in April 2018 after the wells were installed in January 2018. Nine required sampling events have been completed, and there have been no detection of PCBs above laboratory reporting limits to date. The tenth sampling event is planned for October 2022.

Monitoring at MW-3D and MW-5S started in October 2018 after the wells were added to the program following further coordination with U.S. EPA. Eight required sampling events have been completed, and there have been no detection of PCBs above laboratory reporting limits to date. The ninth sampling event is planned for October 2022 and the tenth sampling event is planned for April 2023.

Recommendations

TRC recommends no further monitoring for PCBs, TSS, or TDS at MW-2S, MW-2D, MW-4S, MW-4D, MW-5D, MW-6S, MW-6D, MW-11S, MW-24, and MW-28. The required frequency and duration of monitoring has been completed, and the laboratory analyses indicate no presence of PCBs in groundwater at these monitoring wells.

TRC recommends that monitoring at MW-29S and MW-29D be completed for PCBs, TSS, and TDS in October 2022. If, as expected, there is no detection of PCBs above laboratory reporting limits, no further monitoring will be conducted at these two wells for PCBs, TSS, or TDS.



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TRC recommends that monitoring at MW-3D and MW-5S be completed for PCBs, TSS, and TDS in October 2022 and April 2023. If, as expected, there is no detection of PCBs above laboratory reporting limits in both events, no further monitoring will be conducted at these two wells for PCBs, TSS, or TDS.

Refer to attached Tables 1 through 3, that show the phase out of sampling for PCBs as described above. Beginning in October 2023, groundwater monitoring at the Site would continue but only for VOCs.

TRC will continue to provide the results of the semi-annual sampling within 60 days of the sampling event as required by the Stipulation until the sampling is complete (anticipated 60 days after the April 2023 groundwater monitoring event).

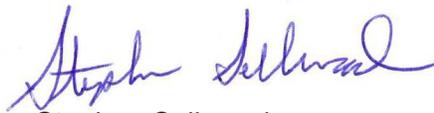
If PCBs are detected above laboratory reporting limits in October 2022 or April 2023, the results will be evaluated, and further recommendations will be made to WDNR and U.S. EPA for review instead of discontinuation of sampling.

Sincerely,

TRC



Katherine Vater
Senior Project Manager



Stephen Sellwood
Senior Hydrogeologist

Attachments: Tables 1-3
Attachment 1 – Groundwater Analytical Results Summary

cc: Matt Sill – MKC
Michael Beedle – U.S. EPA
David Crass – Michael Best & Fredrich LLP

Table 1: Proposed Groundwater Monitoring Plan - October 2022
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

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

Table 1: Proposed Groundwater Monitoring Plan - October 2022
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Well/ Point ID	Bedrock Unit	Screened Interval (ft bgs)	October Gauging	October VOC Sampling	October PCB Sampling	Pump Type
MP-14 Port 3	Upper Wonewoc	100-105	x	x		Westbay
MP-14 Port 4	Lower Lone Rock	70-75	x			NA
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		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	40	4	

Notes:

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

Table 2: Proposed Groundwater Monitoring Plan - April 2023
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

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

Table 2: Proposed Groundwater Monitoring Plan - April 2023
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Well/ Point ID	Bedrock Unit	Screened Interval (ft bgs)	April VOC Sampling	April PCB Sampling	Pump Type
MP-14 Port 3	Upper Wonewoc	100-105			Westbay
MP-14 Port 4	Lower Lone Rock	70-75			NA
MP-15 Port 1	Lower Wonewoc	177-187			Westbay
MP-15 Port 2	Lower Wonewoc	142-146			Westbay
MP-15 Port 3	Upper Wonewoc	120-125			Westbay
MP-15 Port 4	Upper Wonewoc	100-105			Westbay
MP-15 Port 5	Upper Wonewoc	88-92			Westbay
MP-16 Port 1	Lower Wonewoc	175-179			Westbay
MP-16 Port 2	Upper Wonewoc	140-144	x		Westbay
MP-16 Port 3	Upper Wonewoc	106-116			Westbay
MP-16 Port 4	Lower Lone Rock	80-84			NA
Total Sample Points:			15	2	

Notes:

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

Table 3: Proposed Groundwater Monitoring Plan - October 2023
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

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

Table 3: Proposed Groundwater Monitoring Plan - October 2023
Madison-Kipp Corporation
201 Waubesa Street
Madison, Wisconsin

Well/ Point ID	Bedrock Unit	Screened Interval (ft bgs)	October Gauging	October VOC Sampling	October PCB Sampling	Pump Type
MP-14 Port 3	Upper Wonewoc	100-105	x	x		Westbay
MP-14 Port 4	Lower Lone Rock	70-75	x			NA
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		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	40	0	

Notes:

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

Attachment 1
Groundwater Analytical Results Summary

Table 7: Groundwater Analytical Results Summary

Madison-Kipp Corporation
Madison, Wisconsin

Table with columns: WELL ID, SCREEN INTERVAL (feet bgs), PREVENTIVE ACTION LIMIT, ENFORCEMENT STANDARD, and 24 columns of analytical results for various compounds (VOCs, PCBs, Solids) across multiple dates from 10/03/2017 to 01/18/2013.

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

Footnotes:

- 1 - Indicates that the sample was quenched prior to analysis.
- 2 - Indicates that the sample was not quenched prior to analysis.
- 3 - Indicates the result of a field duplicate.

Updated By: P. Popp 6/13/2022
Checked By: L. Auner 6/20/2022

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 = detection meets or exceeds NR 140 Wis. Adm. Code Preventive Action Limit

100 = detection meets or exceeds NR 140 Wis. Adm. Code Enforcement Standard

< = 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.