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**TO:** WDOT, District 1—Wendy Braun  
WDNR—Eric Rortvedt, Chris Hovel  
University of Wisconsin— Chris Egger, Jon Jackson  
Dane County Land Conservation— Jeremy Balousek, Christal Campbell, Elliot Mergen  
Capital Area Regional Planning Commission—Sarah Fuller, Caryl Terrell  
MMSD—Kathy Lake, Martye Griffin, Kim Meyer  
City of Fitchburg—Claudia Guy  
City of Madison—Rob Phillips, Greg Fries, Lauren Striegl, Phil Gaebler, Caroline Burger, Hannah Mohelnitzky, Janet Schmidt  
City of Middleton—Rich Weihert, Gary Huth  
City of Monona—Daniel Stephany, Brad Bruun  
City of Stoughton—Rodney Scheel  
City of Sun Prairie—Tom Veith, Adam Gross  
City of Verona—Martin Cieslik  
Town of Blooming Grove—Mike Wolf, Tony Reigstad  
Town of Burke—Brenda Ayers  
Town of Madison—Renee Schwass  
Town of Middleton—David Shaw  
Town of Westport—Tom Wilson  
Village of Cottage Grove — Matt Giese, JJ Larson  
Village of Cross Plains – Jerry Gray  
Village of DeForest—Kelli Bialkowski  
Village of Maple Bluff—Tom Schroeder  
Village of McFarland—Allan Coville, Jim Hessling  
Village of Shorewood Hills—Karl Frantz  
Village of Waunakee—Kevin Even  
Village of Windsor—Davis Clark, Jamie Rybarczyk  
AECOM—Rick Eilertson, Carla Fischer, Kyle Neeve (*Verona, Burke*)  
Brown and Caldwell—Mike Wegner, Jim Bachhuber  
Clean Lakes Alliance—James Tye, Paul Dearlove  
Mead & Hunt, Inc.—Anne Anderson, Tim Astfalk, Levi Ney, Kiera Depies (*Blooming Grove*)  
MSA Professional Services, Inc. – Eric Thompson, Erik Sorenson, Amber Converse  
Nahn & Associates—Chuck Nahn (*Town of Madison, Maple Bluff*)  
Strand Associates, Inc.—Jon Lindert (*UW-Madison, Westport, Waunakee*)  
Town & Country Engineering, Inc.—Brian Berquist, Tom TeBeest, Nick Bubolz (*Shorewood Hills, McFarland, Cross Plains*)  
Vierbicher Associates, Inc.—Sarah Church, Neil Pfaff (*Monona, Town of Middleton, DeForest*)

**RE:** Madison Area Municipal Storm Water Partnership Meeting Agenda  
**DATE:** August 4, 2020  
**TIME:** 2:00 PM  
**LOCATION:** City of Madison Zoom  
(<https://us02web.zoom.us/j/89576735893?pwd=aWILWHcvd3B3MVRmUm83aVZ6V3RNZz09>)

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Yog tias koj xav tau ib tug neeg txhais lus, ib tug neeg txhais ntawv, cov ntaub ntawv ua lwm yam los sis lwm cov kev pab kom siv tau qhov kev pab, kev ua num los sis kev pab cuam no, thov hu rau tus xov tooj hauv qab no tam sim no.

Please contact Heidi Fleegel at the Engineering Division at (608) 266-4620.

To join the meeting via telephone, please use the following number, meeting ID and password:

Dial: +1 312 626 6799  
 Meeting ID: 895 7673 5893  
 Password: 096306

## AGENDA

Item	Presenter	Time
Housekeeping/New Attendee Introductions	Lauren Striegl (City of Madison)	2:05 pm – 2:15 pm
Partner Spotlight – Stoughton City of Stoughton Bioswale to Wet Detention Basin Conversion	Justin Gutoski (Strand)	2:15 pm – 2:45 pm
I&E Update	Christal Campbell (Dane County)	2:45 pm – 3:00 pm
Rock River TMDL – Reach 64 Water Quality Goal Update	Jon Lindert (Strand)	3:00 pm – 3:10 pm
Dane County Chapter 14 and Illicit Discharge Draft Ordinance Revisions	Jeremy Balousek (Dane County)	3:10 pm – 3:20 pm
National Municipal Stormwater Alliance Membership	Christal Campbell	3:20 pm – 3:35 pm

### 1. New Member Introductions

Kathy Lake (MMSD) shared that Kim Meyer will be joining Yahara WINS as its new watershed program coordinator. Kim currently works as a resource recovery manager in MMSD’s Metrogro program, and will be starting her new position in late August/early September, and will join the November 2020 MAMSWaP meeting.

Chris Egger (UW) shared that Jon Jackson has joined UW-Madison from Alliant Energy, and will be assisting with MS4 work.

### 2. Partner Spotlight – City of Stoughton

Justin Gutoski (Strand) presented on behalf of the City of Stoughton. He discussed Stoughton’s Bioswale to Wet Detention Basin Conversion project, which concluded in July of 2020. The project was intended to help the City of Stoughton meet its TMDL goals in Reach 68. His presentation is included as an attachment to these meeting minutes.

Following the presentation, Justin answered questions from meeting attendees. Phil Gaebler (City of Madison) asked what the total TP reduction of the wet detention basin was. Justin responded that the incremental increase in removal (following the conversion of the bioswale to the wet pond) was 3 lb/yr, and that he would consult the WinSLAMM model to find the total removal. Jeremy Balousek (Dane County) asked how water removed from the site was treated. Justin responded that dewatering pumps were embedded in clear stone, and pumped water was run through sediment bags, which were (by necessity) replaced often.

Eric Rortvedt (WDNR) clarified dewatering requirements for construction sites. For surface water removal, if the site area exceeds 1 ac, dewatering is covered under the standard WRAPP construction permit. If the site area is less than 1 ac (as this was) and no WRAPP permit has been issued, the contractor must apply for a separate permit to remove surface water. If dewatering involves groundwater, the contractor must check for potential contamination, and if it is (or could be) present, a permit is necessary for the discharge of contaminated water. Finally, if dewatering is accomplished with wells and the rate of

dewatering will exceed 70 gpm, a well dewatering permit must be obtained. Justin noted that the proper dewatering permits had been obtained for Stoughton's project by the contractor (Speedway).

### 3. Rock River TMDL – Reach 64 Water Quality Goal Update

Jon Lindert (Strand) shared the most current copy of the MAMSWaP-wide collective Reach 64 loading spreadsheet. Most municipalities have provided information, but some remain outstanding. All local municipalities that have not done so are encouraged to provide the information.

The spreadsheet shows that collectively in Reach 64, MAMSWaP members have reduced TSS by slightly less than the required baseline for buy-in to Adaptive Management (defined as 40% TSS removal) but have reduced TP by slightly *more* than the required baseline for TP removal (27% TP). Numerically, without the Towns of Bristol and Windsor, within Reach 64 municipalities have collectively reached the following reduction levels:

- 34.4% TSS reduction, leaving a 5.6% TSS reduction gap (607,348 lb) to achieve collective Yahara WINS baseline, and
- 27.2% TP reduction, producing an excess 0.2% reduction (70 lb)

Yahara WINS requires municipalities reach the 40% TSS/27% TP reduction threshold before buying into Adaptive Management. However, water quality trading between municipalities within reachsheds is a permissible way to meet that baseline target. Kathy Lake reminded the group that the 40/27 baseline was established as a stand-in for other unnamed water pollutants, and that water quality trading within a reachshed would fall within the established guidelines for AM. She noted that, if a municipality chose to trade its excess reductions to another entity, it would no longer be able to count those traded reductions and would need to adjust its AM buy-in.

Phil Gaebler (City of Madison) noted that the current TP credit for leaf management is quite low, but that a team including but not limited to the City of Madison, League of Wisconsin Municipalities and the USGS are working to expand the credit based on canopy cover. This expansion could help many municipalities with leaf management programs meet their TP reduction goals.

Brad Bruun (City of Monona) asked about the possibility that baseline poundage for TSS, TP and nitrogen might change in the future. Eric Rortvedt (WDNR) confirmed that baseline numbers will likely change in the future; among other issues, WinSLAMM currently underestimates the amount of TP that runs off of urban areas, and lacks seasonality for TP. However, he noted that we often (including in WINS) look at percent reductions (instead of raw poundage), so many of our current calculations and strategies should remain valid even as changes in baseline take effect.

### 4. I&E Update

Christal Campbell (Dane County) presented an update on MAMSWaP's I&E efforts. Her summary is included as an attachment to these meeting minutes.

In addition to the information included in the summary, Christal noted that Allison Madison has joined WI Salt Wise (out of MMSD) as an LTE. Additionally, she noted that MAMSWaP is contributing to the USGS leaf study focusing on the use of mechanical broom machines. MAMSWaP is contributing \$3,000/yr for 3 years. The decision to contribute was supported by the MAMSWaP I&E Committee.

### 5. Dane County Ch 14/Illicit Discharge Draft Ordinance

Jeremy Balousek (Dane County) discussed the County's draft Illicit Discharge ordinance, as well as its revisions to its Chapter 14 ordinance. The Chapter 14 revisions have been attached to the ID, and both are going to the Dane County Board at the end of August. Jeremy predicted that it would be one month after that before they would take effect.

The draft ID ordinance is attached to the meeting minutes. The update to the Chapter 14 ordinance includes the recommendations of the stormwater advisory task force that was established in early 2019, and are based in part of the City of Madison's new Ch 37 ordinance. Revisions include:

- Requirements for internally drained areas
- Adjusted redevelopment trigger (from 4,000 sf to 20,000 sf)
- New 200-yr peak flow control requirement
- New volume control requirements for redevelopment projects that don't reduce impervious surfaces
  - Based on City of Madison's new ordinance
- Credit for green roofs (based on the City of Madison's guidance)

Jeremy noted that once the County adopts stormwater rules through the Lakes and Watersheds Commission, those requirements technically take effect immediately and are enforceable County-wide. However, the County generally allows municipalities some time to develop and adopt their own regulations, which must meet or exceed those set by the County. Brad Bruun (City of Monona) questioned whether local municipalities must re-state County rules in their own ordinances, or if it is permissible to simply reference Dane County's ordinance. Jeremy replied that the latter is permissible.

## 6. NMSA

Christal Campbell presented some information on the National Municipal Stormwater Alliance (NMSA). Christal meets semi-regularly with an informal WI stormwater alliance group, largely to discuss I&E topics. At their last meeting (minutes attached to these meeting minutes), Jessica Schultz (Fox Wolf) asked Seth Brown from NMSA to discuss the purpose of the group. Christal noted the following about NMSA:

- NMSA is a relatively new organization (2018) that came out of WEF.
- NMSA is more of an advocacy group. They really want input from local/state MS4s on their needs and concerns so they can advocate for change at the national level.
- They feel as though stormwater has not been given an equal seat at the table alongside other water issues, like groundwater and wastewater and they want to change that.
- They are also very concerned with stormwater infrastructure and increased funding for improvements.

Representatives for other WI stormwater collaboratives on the call suggested joining NMSA as WI collective. Membership is free for the first year, and assuming MAMSWaP joined with other WI groups as a regional collaborative, membership would be ~\$60-70/yr after the first year. The City of Madison strongly supported joining NMSA, and Dane County and the City of Fitchburg agreed. Claudia Guy (City of Fitchburg) agreed to represent MAMSWaP at NMSA for the next year.

Attendees on the call agreed that Lauren Striegl (City of Madison) would send a MAMSWaP-wide email describing NMSA and asking for any input against joining the group for at least one year. If no opposition was submitted, MAMSWaP would join.