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Jeanne E. Hoffman, Manager

**Operations Manager**  
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**Mapping Section Manager**  
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**TO:** WDOT, District 1—Wendy Braun  
WDNR—**Eric Rortvedt**, Kim McCutcheon (South Central Region)  
University of Wisconsin—**Chris Egger, Matt Collins**  
Dane County Land Conservation—John Reimer, **Jeremy Balousek**,  
Christal Campbell  
Dane County Office of Lakes and Watersheds—Sue Jones  
Capital Area Regional Planning Commission—**Tony Vandermuss**  
MMSD—Dave Taylor, Kathy Lake  
PHMDC—Rick Wenta  
City of Fitchburg—**Cory Horton, Holly Powell, Bill Balke**  
City of Madison—Rob Phillips, Greg Fries, **Lauren Striegl**, Phil Gaebler  
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**  
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 Windsor—**Kevin Richardson**  
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  
AECOM—**Rick Eilertson**, Carla Fischer (*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 (*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, Stephanie Thomsen (*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 Minutes

**DATE:** August 1, 2017

**TIME:** 2:00 PM

**LOCATION:** 1600 Emil St, Madison, WI – Training Room

See minutes on flip side of paper.

## MINUTES

Item	Presenter	Time
League of Municipalities Leaf Study Funding Request	Jim Bachhuber (Brown and Caldwell)	2:00 pm – 2:15 pm
MAMSWaP I&E Update	Rick Eilertson (AECOM), Jeremy Balousek (Dane County)	2:15 pm – 2:35 pm
Additional Topics		

1. There has been an effort by the Wisconsin DNR and the USGS to quantify phosphorus (TP) control due to leaf control by municipalities. The USGS is currently monitoring leaf collection in Madison, but would like to augment its efforts by doing monitoring in two additional cities in WI. The League of Wisconsin Municipalities has sent out a letter (in May 2017) to its members throughout the state explaining the idea and requesting a commitment of \$2000/municipality/year for 3 years. The letter was sent to all municipal MS4s in WI. So far, 23 municipalities have agreed to provide support, but the League has set a goal of 60 municipalities to move forward. Jim Bachhuber believes that the study is worth the money, and suggested that anyone interested contact Curt Witynski from the League. Jim said that if the study goes forward, a working group of municipal representatives will be assembled to help design and guide the study.

Eric Rortvedt explained that WinSLAMM currently gives you a TP reduction number for sweeping, but that there's no seasonality to that value. Data collected by the USGS in Madison has shown that there's a lot of seasonality associated with TP due to leaves, and that street cleaning and leaf control at the proper times can make a significant difference in TP discharge. Data has also suggested that the cost/lb. of TP removed using leaf control can be much lower than the cost/lb. of TP removed using a traditional wet pond.

Chuck Nahn asked how the League's request related to WinSLAMM. Jim responded that the USGS wants the money to expand its study, and that all the data collected in its various leaf studies will be used to modify WinSLAMM to give appropriate credit for leaf control programs. Gary asked when the proposed study would occur. Jim said that the USGS is targeting Fall 2018 and 2019. He emphasized that the study would only cover fall leaf management efforts.

Cory Horton asked if, instead of funding the study, municipalities could simply spend the money requested on leaf collection efforts. He also asked whether municipalities could get a simple credit based on the lbs. of leaves collected. Gary Huth pointed out that, with leaf collection, timing is critical. Jim Bachhuber added that it's not the leaves per se that cause problems, but the dissolved phosphorus that leach from them; therefore, weight of leaves collected is not a good indicator.

Kevin Richardson pointed out that the League's request is a tall order for many small communities.

Gary Huth asked where collected leaves are disposed of. Jim said that under the MS4 and NR 151 conditions they should be taken to yard waste sites, and these sites are supposed to have SWPPPs that prevent or minimize runoff in contact with the yard waste.

Rick Eilertson asked if the communities to be studied have been identified; Jim responded no.

It was asked whether the study will capture variability in leaves, TP leaching and leaf collection efforts between communities. Eric responded that it could not entirely capture all variables, but that the study's designers will need to work to pick the most "representative" communities and conditions possible.

2. Rick Eilertson and Jeremy Balousek discussed the actions of the I&E committee. The report is attached to these minutes.
3. It was suggested that MAMSWaP might wish to create an intergovernmental agreement (IGA) for funding the leaf study discussed in (1). It was suggested that the I&E budget is currently healthy and might be used to at least partially fund the League's request. It was agreed that MAMSWaP would revisit the issue in November.
4. Brad Bruun asked about the status of the Dane County legacy sediment dredging project, as whether the results of that effort would go into WinSLAMM. Jeremy responded that dredging probably would not be added to WinSLAMM, as it might effectively allow communities to "double count" sediment in dredged stormwater ponds. He said that there is some internal debate about whether and how to give communities credit for TP removal from dredging legacy sediments, and offered to give an update on the project at the next MAMSWaP meeting.

## Madison Area Municipal Stormwater Partnership (MAMSWaP) – I&E Update- August 1<sup>st</sup>, 2017

Respectfully submitted by Christal Campbell, MAMSWaP Stormwater Education Coordinator-Dane County Water Resource Engineering Division, 608-224-3746, Campbell.christal@countyofdane.com.

**CONSULTANTS AND MUNICIPAL REPRESENTATIVES:** *Please make this report available to your municipalities.*

### **Communications**

**Ripple Effects Facebook page-** [www.facebook.com/RippleEffectsWI](http://www.facebook.com/RippleEffectsWI) Contact Christal Campbell with any articles or events you may have coming up in your area so we can share and promote. We try and post content at least once a week, but are happy to post additional events/articles. As of July 25<sup>th</sup> we had 183 Facebook followers.

**Ripple Effects email box/web site-** Christal maintains the [info@ripple-effects.com](mailto:info@ripple-effects.com) email box and is responding to emails as they come in. Updates to the [www.ripple-effects.com](http://www.ripple-effects.com) web site are made on a regular basis. If you come across an issue on the web site, please let Christal know.

### **2017 Plant Dane Distribution- June 3<sup>rd</sup>**

7 volunteers from Dane Co. Land and Water Resources Dept. and Agrecol helped out with plant distribution. All went well and almost all of the 12,600 plants were picked up by 11AM.

### **Training Resources** See MAMSWaP Resources Folder

<https://drive.google.com/drive/folders/0B6IN0xfndLr9TXVtek90V05NbGc?usp=sharing>

**Dane Co. Permeable Pavement Bus Tour-** About 30 people attended the tour on June 27<sup>th</sup>. The group was comprised of mostly municipal staff and consultants with some industry experts. The tour included 8 different sites across the greater Madison area with a brief presentation at each site. See MAMSWaP Resources/2017 Permeable Pavement Tour Resources folder in Google Drive to view resources handouts and photos from the event.

**Illicit Discharge Training-** Resources from the April 26<sup>th</sup> Illicit Discharge Training lead by Rick Wentz (Madison/Dane Co. Public Health) are now available in the MAMSWaP Resources/Illicit Discharge Resources folder. Great tools to customize and share with field staff. \*\*\*April 26<sup>th</sup> Training Video (<https://youtu.be/IRw30S8PG1I>)\*\*\*Sample Letters for Businesses\*\*\*Illicit Discharge Surveillance PowerPoint\*\*\*Field Guide for Field Staff\*\*\*City of Madison Standard Operating Procedures Complaint Response\*\*\*

### **2017 Leaf Campaign**

The 2017 leaf campaign will build on the message from last year encouraging citizens to remove leaves from the street before the rain and the results of the City of Middleton Leaf Pilot. The plan is to:

- redesign the campaign to reflect the new Ripple Effects brand
- encourage residents to sign up to receive Leaf-free Streets Rain Alerts (finalizing email alert tool, looking into a text option)
- create a new and improved leaf management web page on Ripple Effects with clear messages on the impacts leaves have on our waters, actions people can take and a link to sign up to receive rain event alerts (partnering with CLA on consistent messaging)
- create a Community Engagement Toolkit for Leaf Management (template article, promo flyer for alerts, Facebook posts, etc.)
- purchase print advertising and possibly radio advertising

Summary Report for the 2016 City of Middleton Neighborhood Leaf Pilot is available at <http://www.ripple-effects.com/documents/img/City%20of%20Middleton%20Neighborhood%20Leaf%20Pilot%20Report.pdf> .

**Winter Maintenance Workshops**

Partnering with the Office of Lakes and Watersheds and City of Madison to offer three workshops this year at the Lussier Heritage Center. Registration will open in late September.

- Oct 25<sup>th</sup> AM –Parking Lots and Driveways (City of Madison Certification)
- Oct 25<sup>th</sup> PM – Roadways for Managers
- Oct 26<sup>th</sup> AM – Roadways for Field Staff

**Storm Drain Art Project**

MAMSWaP will be meeting with some community partners to look into the possibility of starting a Storm Drain Art program in Dane Co. Similar to storm drain marking, storm drain art/murals are a very visible tool to help spread the “Drains to Lake or River” message. Projects like this often generate a lot of earned (or free) media attention to further spread the message. Several communities across the country have implemented successful programs that we hope to use as models and tailor to our needs. Check out <http://www.rvah2o.org/storm-drain-art/> for example projects. The goal is to have a program ready to launch in early spring 2018 and have paintings completed around Earth Day. If MAMSWaP partners are interested in participating by having one or more storm drain inlets painted, contact Christal Campbell.

**MAMSWAP Quarterly I&E Meeting Summary**

The MAMSWaP I&E Committee met on July 25<sup>th</sup>, 2017. Updates on main topics are shared above. Please contact an I&E Committee member or Christal Campbell [Campbell.christal@countyofdane.com](mailto:Campbell.christal@countyofdane.com)/(608) 224-3746 for further details including the complete meeting minutes and attachments.

**Upcoming Events**

**Winter Maintenance Workshops-**

- Parking Lots/Driveways- Private Applicator- Oct 25<sup>th</sup> AM Lussier Heritage Center
- Roadways- Managers- Oct 25<sup>th</sup> PM Lussier Heritage Center
- Roadways- Field Staff- Oct 26<sup>th</sup> AM Lussier Heritage Center

**NASECA Fall Classroom/Field Event-** Sept. 21<sup>st</sup> in Rice Lake- <https://www.nasecawi.org/september-2017-rice-lake/>

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**Reminders**

- Please be sure you have links to [www.ripple-effects.com](http://www.ripple-effects.com) from your websites.
- Follow [www.facebook.com/RippleEffectsWI](https://www.facebook.com/RippleEffectsWI) on Facebook! “Like” and “share” posts to help spread the word.
- The Enviroscape Watershed Model is available and can be checked out from the Dane County LWRD-contact Christal Campbell if interested.

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