



Department of Public Works
City Engineering Division

608 266 4751

Robert F. Phillips, P.E.
Interim City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
608 264 9275 FAX
1 866 704 2315 Textnet

Principal Engineers
Michael R. Dailey, P.E.
Christina M. Bachmann, P.E.
John S. Fahrney, P.E.
Gregory T. Fries, P.E.

Facilities & Sustainability
Jeanne E. Hoffman, Manager
James C. Whitney, A.I.A.

Operations Manager
Kathleen M. Cryan

GIS Manager
David A. Davis, R.L.S.

Financial Officer
Steven B. Danner-Rivers
Hydrogeologist
Brynn Bemis

TO: WDOT, District 1—Wendy Braun
WDNR—Eric Rortvedt, Laura Bub (South Central Region)
University of Wisconsin— Marisa Trapp
Dane County Land Conservation—Kevin Connors, Pat Sutter, Jeremy Balousek, Josh Harder
Dane County Office of Lakes and Watersheds—Sue Jones, Marcia Hartwig
Dane County Capital Area Regional Planning Commission—Mike Kakuska
City of Fitchburg— Paul Woodard, Rick Eilertson, Felipe Avila
City of Madison—Rob Phillips, Mike Dailey, Greg Fries, Genesis Steinhorst
City of Middleton—Kevin McNulty, Gary Huth
City of Monona—Daniel Stephany, Janine Glaeser
City of Stoughton—Rodney Scheel, Bob Kardasz
City of Sun Prairie—Robb Remiker, Daryl Severson
City of Verona—Ron Rieder, Martin Cieslik
Town of Blooming Grove—Mike Wolf, Tony Reigstad
Town of Burke—Brenda Ayers
Town of Madison—Rick Rose
Town of Middleton—David Shaw
Town of Westport—Tom Wilson
Town of Windsor—Kevin Richardson
Village of Cottage Grove — James Hessling
Village of DeForest—Deane Baker
Village of Maple Bluff—Tom Schroeder
Village of McFarland—Allan Coville, Don Peterson
Village of Shorewood Hills—Karl Frantz, Warren Myers
Village of Waunakee—Kevin Even
AECOM—Jennifer Hurlbaas (*Verona, Westport, Waunakee*), Kelly Mattfield (*Burke*), Bernie Michaud, Jim Bachhuber
Mead & Hunt, Inc.—Anne Anderson, Tim Astfalk (*Blooming Grove*)
MSA Professional Services, Inc. – Eric Thompson, Ann Hirekatur
Nahn & Associates—Chuck Nahn (*Town of Madison, Monona, Maple Bluff*)
Strand Associates, Inc.—Jon Lindert (*UW-Madison*)
Town & Country Engineering, Inc.—Brian Berquist, John Jenkins (*Shorewood Hills, McFarland*)
Vierbicher Associates, Inc.—Sarah Church (*Town of Middleton, DeForest*)

MMSD – Caryl Terrell, Dave Taylor

UNDERLINED NAMES indicates present at meeting

RE: MINUTES for the Madison Area Municipal Storm Water Partnership Meeting
DATE: November 10, 2011

1. *Discussion of adaptive management and how it relates to our TMDL requirements with Dave Taylor, MMSD.*

Dave presented a proposal by MMSD to participate in an adaptive management pilot study in 2013 that would, after 3 years, likely lead to a full scale adaptive management program in the Rock River Watershed within Dane County. Municipalities regulated as

MS4s have several options to meet their TMDL requirements, including installing urban BMP practices, water quality trading, adaptive management (only under the umbrella of a NR217-regulated body such as MMSD), or a combination of these things. The City of Madison, for example, needs to reduce phosphorus loading by 16,000 pounds, annually. A designed stormwater detention basin that will treat approximately 400 acres of mostly residential area will reduce phosphorus loading by about 100 pounds annually, at a construction cost of \$1,000,000. The City does not have the space or resources to install enough urban BMPs to meet the TMDL requirements, and are therefore likely will be participating in the adaptive management pilot program. However, as similar urban BMPs are installed, TMDL credits would be given for those practices.

The current statewide trading framework currently has a lot of uncertainties associated with it, which may make it a risky choice. Currently, Wisconsin is the only state with adaptive management as an option in the code for pollutant trading. The goal of adaptive management is compliance at the lowest cost. Money would flow from urban to rural, in terms of funding farm practices, nutrient management implementation, and other farm-based conservation.

Dave indicated that if municipalities are interested in participating in the pilot project in 2013, they should let him know ASAP. His contact is below. No funding is needed until that year. He will also be putting together a FAQ for folks to take to their respective boards, etc. that discusses the intricacies of adaptive management. His presentation from the meeting is attached to these minutes.

2. Information/Education Updates

Marcia updated the group with what has been going on with Info and Education. She provided a handout, also attached. The next I&E subcommittee meeting is on November 29 at 1:00, Fen Oak Ct.