



# EROSION MATTERS

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**REGISTRATION IS NOW OPEN!**  
 Register online at [www.mnerosion.org](http://www.mnerosion.org) or call the MECA office at 763.478.3267.



**See conference agenda on back page!**

## 21ST ANNUAL CONFERENCE

MARCH 5 & 6, 2009  
 PRE-CONFERENCE WORKSHOPS MARCH 4

Join professionals from around the state for Minnesota Erosion Control Association's 21st Annual Erosion Control and Stormwater Management Conference & Trade Show, March 5-6, 2009 at the Doubletree Park Place Hotel in St. Louis Park.

Network with stormwater and erosion control professionals from around the

Midwest and learn about cutting edge projects, innovative designs and products.

Join us Wednesday, March 4 for in-depth conference workshops!!

- Raingarden and Bioretention/Biofiltration Installation for Contractors and Landscapers
- Small Site Stormwater Management

- Certified Professional in Erosion and Sediment Control

Visit [www.mnerosion.org](http://www.mnerosion.org) for the conference brochure and registration information, or call MECA at (763) 478-3267. Online registration is now open.



## LETTER FROM THE PRESIDENT



Happy New Year to the MECA following! I am excited to dive into 2009 and keep the momentum rolling.

With all of the snow we have been getting, the erosion control and stormwater BMP's should get a test in the spring. It is nice to see an old fashioned winter that will provide a hydrologic stimulus. I am a "big fan" of winter and love all

the outdoor opportunities we are lucky to enjoy in Minnesota.

MECA could not function without your continued support and involvement. Please make sure to keep your membership current for 2009. Or if you have not been a member in the past, please consider joining one of the leaders in the erosion control and stormwater industry.

As we move into 2009 and hear about the downturn in the economy, please help the organization spread the word about the MECA Annual

Conference and other events. It is important for MECA to maintain a strong status in the industry. As in the past when budgets get tight, some conferences and workshops have trouble surviving. As an organization, we need to show our strength and push thru the difficult times.

May the New Year bring you success.

Take care,

Greg Berg  
 MECA President

## MECA BOARD ELECTIONS

Three board positions will be decided in the 2009 election. We have a great list of qualified candidates. All board members are elected by a vote of the membership. The vote will close at 12pm on Friday and results will be announced on the last day of the conference. Members will be receiving a ballot when they renew their membership.

Candidates for this year's election are: David Bauer, Greg Berg, John Chapman, Vicky Dosedall, Steve Klein and Aaron Mlynek.

**David Bauer** has worked in local government for over 10 years. He currently works for the Rice Creek Watershed District as an inspector of construction sites and storm water treatment. Previous to that, he worked for



Ramsey Conservation District as a PCA partner inspector for their NPDES permit. Always interested in erosion control, David volunteered for the Douglas SWCD while in high school and the Washington Conservation District while in college. David has extensive experience serving with organizations and planning events. His experience includes serving as an officer in both the Ramsey County GIS Users Group and the Minnesota GIS/LIS Consortium Board of Directors. David has a M.S. in Soil Science from the University of Minnesota. He is a licensed soil scientist, CPESC, and an Erosion / Sediment Control Specialist through the University of Minnesota. In his free time, David enjoys coaching high school sports, book club, his local YMCA, playing WOW, and marriage to his wife, Tara. David is excited to help continue MECA's reputation for providing quality, inexpensive educational events. Increasing awareness of the importance of soils in stormwater BMPs is a goal of his.

**Greg Berg** is a Shoreland Specialist with the Stearns County Soil and Water Conservation District. He has been with the district for



over 8 years. Responsibilities with the SWCD include: erosion control projects focusing on bio-engineering, wetland restorations, stormwater projects, lake management planning, lakescaping and streambank restorations. Coordinating native plant materials and natural erosion control techniques with landowners and agencies has been a focus for him. Prior to employment with the SWCD, Greg worked for Stearns County Environmental Services and the MN DNR – Division of Waters giving him a well rounded background. He graduated from St. Cloud State University with a B.S. in Environmental Studies. Greg has been a board member with MECA for 4 years, serving as the president for the past two and been involved with MECA for over 10 years. He has enjoyed his time on the board, and if re-elected, plans on continuing efforts to “think outside the box”. A main goal of his is to have MECA be on the cutting edge of technology and ideas in the industry.

**John Chapman** has been a board member of MECA since 2005 and has been serving as the MECA Treasurer since 2006. John's personal interest in erosion and water comes from the love of paddling and sailing small boats on clean Minnesota water. John has been the Director of the University of Minnesota Erosion and Sediment Control Certification Program since 2004. Prior to working with the University of Minnesota, John worked as an engineering consultant on



hazard evaluation of slopes and debris flows and other water resources and geotechnical engineering projects. John has a Masters Degree in Civil Engineering and an undergraduate degree in Geological Engineering and Geology. John has enjoyed serving on the MECA board and participating MECA events. He would like to continue to assist MECA in providing erosion control and pollution prevention information and resources to the contractors, agencies, and citizens of Minnesota.

**Vicky Dosedall** has been involved in the Erosion Control and Turf Establishment industry for over 25 years. She is the owner of



Lawn & Driveway Service, Inc. which is located in West Central Minnesota. Silt fence installation, seeding/straw mulching, hydro mulching, and erosion control blankets are installed for highways, airports, landfills, developments, and street reconstruction. Lawn & Driveway Service, Inc. is also a supplier of erosion control blankets, rock logs, silt fence and drain inlet protection. Vicky is a member of the International Erosion Control Association, the Minnesota Erosion Control Association, and the Minnesota Seeding Contractors. She is certified with CPESC, CISEC, and with the University of MN in the Erosion and Sediment Certification Program. Vicky would like to see the Board of MECA become more balanced with Contractors, Suppliers, Engineers, and Professionals. As a contractor herself, she would actively promote the involvement of seeding contractors, grading contractors, and utility contractors to attend conferences, become a member of MECA, and help to close the communication gap concerning Erosion Control issues on job sites.

## MECA BOARD ELECTIONS CONTINUED...

**Steve Klein** is a professional engineer and professional hydrologist who is a recognized expert in erosion and sediment control throughout the United States and has been a member of the MECA



Board of Directors for the last two years. He has over 30 years of experience in the areas of water resources management, on-site construction management, groundwater studies, hazardous waste clean-up, and forensic engineering. His clientele includes numerous municipalities, counties, watershed districts, state and federal agencies, as well as a substantial private client base. His experience with several governmental clients has included preparing erosion and sediment control rules and regulations, ordinances, and permit requirements, many of which are used throughout Minnesota and neighboring states. He has reviewed, prepared, and inspected hundreds of erosion and sediment control plans and on-site facilities. Over the last 15 years, Steve has taught dozens of workshops on the topics of design, construction, and

maintenance of erosion control facilities; water quality treatment basins; and alternatives to water quality treatment basins for the University of Minnesota, Wal-Mart Corporation, the City Engineers Association of Minnesota (CEAM), the American Public Works Association (APWA), and other organizations. He also helped prepare best management practices manuals for Ramsey County, the Center for Watershed Management, and the Metropolitan Council Environmental Services (MCES). He has a BS and an MS in engineering from the University of Minnesota and also an MBA from St. Thomas University.

**Aaron Mlynek – CPESC** is an Erosion Control Coordinator at Westwood Professional Services. Westwood is a professional services consulting firm



that is multi-disciplined and private-sector focused. With a Minnesota base, Westwood successfully collaborates on projects locally and across

the country in the land, energy and environmental markets. Aaron assists in SWPPP preconstruction planning in multiple states and follows local projects through to final stabilization. Additionally, Aaron inspects projects for NPDES compliance and SWPPP adherence in addition to providing NPDES audits to some national clients. With past regulatory experience, Aaron knows how to properly plan and implement the SWPPP, coordinate erosion and sediment control issues, and ensure compliance. Aaron holds a Bachelors of Science degree in Natural Resources and Environmental Studies, emphasizing in Natural Resource Conservation and Resource Management, from the College of Natural Resources, University of Minnesota. Aaron previously served on the MECA Board for two years (2004-2006) and appreciates an opportunity to run again for the board position. He looks forward to serving on the board to help further MECA's message to the development community. Within a quickly changing field such as erosion, sediment control and storm water management, Aaron feels MECA has been and can continue to be a consistent educational source to the construction professionals.

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## WINTER CONCRETE WASHOUT

by Mike Isensee and John Chapman

With the new permit requirements for concrete washout, many contractors are inquiring about options for concrete washout during Minnesota's long blustery freezing winters.

Specific language in the permit states that all liquid and solid wastes generated by concrete washout operations must be contained in a leak-proof containment facility or impermeable liner. Many options exist for containing washout waste liquid, and the most appropriate will depend on the

specific situation on the construction site. When assessing options, estimate 9 gallons of water for washing a mixer truck and 50 gallons of water per pumper truck.

**Option 1.** Ask that concrete truck operators generate no waste. In response to the new permit requirements many concrete companies have installed self contained waste tanks on their trucks. The wash water is returned to the batch plant where the solids are separated from the liquid

and the concrete wash water is reused at the plant. In the winter the material is processed for reuse in an enclosed and heated facility.

**Option 2.** Have a service that will provide a roll off dumpster specifically for concrete washout. The contained frozen waste material is hauled to a thawing facility where the solids are separated before the concrete wash water is disposed of at a waste water treatment facility that accepts the contaminated water.

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## MECA Membership

Please consider renewing your MECA Membership for 2009! Your current membership will expire on February 28th, 2009. If you are not a member of MECA, you are receiving a complimentary copy of this magazine and newsletter. We hope you will consider becoming a member of MECA and participating in our educational events. In order to renew your membership, please contact the MECA office at 763.478.3267 or visit [www.mnerosion.org](http://www.mnerosion.org). Renewal will also be available online with the conference registration.

Please note that you will not be able to receive membership rates for the conference, unless the membership for 2009 is renewed!

## Winter Concrete Washout continued...

**Option 3.** Provide a site location for concrete washout waste containment. With some soil types, an additional liner may not be needed, but often a liner system will be required. The concrete wash water will accumulate and freeze at the flat portion of the system and need to be stored on site until thawed. Covering the liquid area with a re-enforced poly is recommended to reduce precipitation from accumulating in the washout area.

All concrete waste products must be properly disposed of at the end of the construction operations in compliance with MPCA regulations. Check with local waste water treatment operations for their ability to accept the waste water.

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## 2009 CONFERENCE AGENDA

### CONFERENCE PRESENTATIONS: THURSDAY, MARCH 5TH

- 8:15 Welcome and the Year in Review
- 8:30 I-35W Bridge Dynamic Environmental Protection Process
- 9:00 The Best of the Best BMPS of North America
- 10:45 Argenta Hills: A True LID Development Part I
- 11:30 New NPDES Stormwater Permits
- 1:15 Argenta Hills: A True LID Development Part II
- 2:00 New Product Forum
- 3:00 Construction Stormwater Assessment Program
- 3:25 Strategies for Working in Waters of the State

### CONFERENCE PRESENTATIONS: FRIDAY, MARCH 6TH

- 8:00 Welcome and Review of the Day's Events
- 9:00 Pervious Concrete Applications for Reduced Runoff
- 9:30 Mastering Adult Education and Participation
- 10:45 Great River Energy: Rain Water Flush
- 11:10 New Product Forum
- 11:20 MECA Awards
- 1:00 Economics of LID Development in Baxter, MN
- 2:00 Optimizing Bioretention Performance for Cold Climates
- 2:30 Managing the Removal, Disposal, and Reuse of Dredged Material



PLEASE SEE THE CONFERENCE BROCHURE FOR MORE DETAIL AT [WWW.MNEROSION.ORG](http://WWW.MNEROSION.ORG).

