

Advancing Effective Stormwater Management & Erosion Control Practices



**MECA ANNUAL
CONFERENCE
& TRADE SHOW**
ST. CLOUD, MN | JAN. 28-30, 2025

PLEASE SAVE THE DATE!

We look forward to seeing you at our 37th Annual Conference on January 29-30th at The Park Event Center in St. Cloud. Pre-conference workshops will be held on Tuesday, January 28th, and the Conference will take place on Wednesday and Thursday, the 29th and 30th of January.

We have been working on finalizing topics/presenters and are excited to release the Annual Conference Schedule and open registration soon!





MESSAGE FROM MECA BOARD MEMBER MEGHAN LITSEY

Hi all,
Finally, a spring worth having in Minnesota. How refreshing is it to see some rain and most of the state escape drought conditions?! According to the ol' Farmers' Almanac, there's more

where that came from; summer in the Midwest is expected to be warm and seasonally stormy. In other words, keep the raingear on standby...

Looking ahead, we are excited to offer a behind-the-scenes erosion product facility coming up on July 16, 2024, and we can't wait to see what other topics will be covered next by the U of M's Ask Me Anything free webinar series – watch your email for more info coming soon! The NASECA-WI Rice Lake Field Event is also right around the corner on September 26, 2024. And of course, it's never too early to start thinking of the 2025 Annual Conference. Save the date: January 28-30, 2025, in St. Cloud. As your projects kick off, keep the MECA awards in mind and be ready to highlight outstanding individuals and projects that demonstrate Innovation, Industry Leadership, Environmental Excellence, and Leadership later this fall.

Over the summer, the Board will get to the heart of conference planning by finalizing topics, speakers, and the schedule with the ultimate goal of providing the best conference experience filled with opportunities to network and exciting educational content. Thank you to everyone who dedicated their time and ideas during the 2025 Annual Conference Planning Meeting on April 17!

Enjoy the summer and we look forward to seeing you at an upcoming MECA event soon!

Cheers,
Meghan | MECA Board Secretary

CONTACT MECA
meca@mnerosion.org
(320) 685-5444
Mnerosion.org



MECA BOARD MEMBERS



PRESIDENT
Greg Berg



VICE PRESIDENT
Rebecca Forman



TREASURER
Jamie Dayton



SECRETARY
Meghan Litsey



BOARD MEMBER
Joel Asp



BOARD MEMBER
Jeff Forsberg



BOARD MEMBER
Riley Stenzel



UPCOMING EVENTS & WORKSHOPS

CHOOSING THE CORRECT STRAW AND WOOD FIBER EROSION & SEDIMENT CONTROL PRODUCTS WORKSHOP & TOUR

Don't miss this chance to learn all about straw and wood fiber erosion control products! Join us for a unique educational opportunity to gain insight into product info, manufacturing history and techniques, testing, research and more. Discover how to choose the right product for your projects and see firsthand how they are made on our site tours. This event is a must-attend for anyone interested in effective erosion control solutions.

Tuesday, July 16, 2024 | 9:30 a.m. to 2:00 p.m. | 333 Bronder Dr., Foley, MN

PRESENTERS:

Dr. John A. Chapman, Ph.D., P.E.

Research Associate Professor Director of Erosion and Stormwater Management Certification Program, University of Minnesota - Bioproducts and Biosystems Engineering Department

Dr. Britt Faucette PhD, CPESC, LEED AP

VP of Research & Development/Regulatory/Technical Services, MKB Stormwater Innovation

Jason Aldernick

Co-founder, Silt Sock

Shareholder, MKB Stormwater Innovation

REGISTER BY JULY 9!

Lunch will be provided! This workshop qualifies for 2.5 Personal Development Hours (PDH)
Sponsored by: MKB Stormwater Innovation

RICE LAKE FIELD EVENT

MECA has teamed up with the North American Stormwater and Erosion Control Association of Wisconsin (NASECA-WI) for the 2024 Rice Lake Field Event on Thursday, September 26, 2024!

This popular annual event has been hosted by NASECA since 2005 in partnership with the American Excelsior Company ErosionLab, one of only a few erosion control testing laboratories in the United States.

In addition to hearing from experienced professionals, attendees will view product testing under a variety of control measures set up as stations around the grounds. There is ample time for Q&A as well as quality networking!

Thursday, September 26 (times are approximate)

Morning Classroom Sessions at Northwood Technical College

Breakfast and registration: 8-8:30 am

Classroom Sessions: 8:30 am-12:00 pm

Lunch: 12:00 pm-12:45 pm

Afternoon Field Event at American Excelsior Company ErosionLab: 1-4 pm

Classroom Session/Demonstration Topics Include: More details coming soon!

Low-Flow Channel: Erosion Control Products and Proper Installation Demonstration

Proper Seeding Techniques

Choosing the Right Product for the Job

Know your BMPs

Dewatering devices and additives

SPONSOR EVENT

REGISTER NOW!

MECA MEMBER DISCOUNT! [Email us for discount code!](#)

CALL FOR NOMINATIONS FOR THE MECA BOARD OF DIRECTORS

The MECA Board of Directors has two positions up for election. Each position is for a three-year term (February 2025 - January 2028). Nominations will be accepted until December 1, 2024. Voting will occur via email and at the Annual Conference in January. Results will be announced on the final day of the conference.

Responsibilities of the Board Include:

- Attend monthly board meetings
- Annual Conference planning
- Event/workshop planning
- Fulfilling the overall strategic goals and purpose of the organization
- Ensuring strong fiduciary oversight and financial management
- Approving and monitoring the organizations programs and services
- Enhancing the organizations public image

Nominations should include:

- Name and company or organization
- Phone number, email and address
- Headshot
- Bio

Please submit MECA Board nominations to the MECA office at meca@mnerosion.org by December 1, 2024.

**EMAIL
NOMINATION BY 12.1.24**

MECA AWARDS NOMINATIONS

Each year MECA recognizes outstanding individuals and projects. Awards will be presented at the MECA Annual Conference, January 29, 2025, in St. Cloud, MN.

If you know of a person or a project that deserves recognition, we welcome you to submit this nomination form to the MECA office by **September 30, 2024**. The MECA Board of Directors will review nominations and determine which submissions will receive awards.

**AWARDS
NOMINATION**

MECA SCHOLARSHIP APPLICATION

MECA 2025 Memorial Scholarship Applications are now being accepted!

The Minnesota Erosion Control Association Memorial Scholarship was established in 2007. Each year MECA awards a scholarship to an individual who is pursuing an undergraduate or graduate engineering or science degree with an emphasis on erosion/sediment control or stormwater management. This year's \$1,000 scholarship will be awarded at the Annual Conference in January.

Deadline is November 1, 2024.

**VIEW
APPLICATION**

OFFERING SUMMER
ONLINE CLASSES
**THAT MEET
NPDES PERMIT
REQUIREMENTS**



Erosion & Stormwater
Management Certification Program

REGISTER at erosion.umn.edu

IN-PERSON CLASSES AVAILABLE
JAN-MAY 2025



**University of Minnesota Erosion
& Stormwater Management
Certification Program 'Ask Me
Anything' (AMA)
Presentations**

MECA has a FREE opportunity - through the University of Minnesota's Erosion and Stormwater Management Program - for you to hear from industry experts on relevant topics!

Meeting links will be posted within 24 hours of the event at erosion.umn.edu/ama

Upcoming AMA Presentations:

- **June 24th from 12-1pm**
MnDOT's new seed mixes with Ken Graeve. Learn about the new seed mixes, how to choose which mix to use, planting tips, and more!
- July & August dates TBA. Stay tuned!
- **September 24th from 12-1pm**
Learn about soil health from MnDOT's Warren Tuel. Warren will talk about testing and monitoring soil health and improving soil health for better erosion prevention.

Presentations will be captioned and recorded.

Want to see a previous presentation?

Check out erosion.umn.edu/ama

CONTACT MECA

meca@mnerosion.org
(320) 685-5444
Mnerosion.org





NATIVE PRAIRIE GRASS AND WILDFLOWER SEEDS

Native seed mixes for CRP, CREP, DOT, BWSR, reclamation, residential, commercial, and public projects.



SHOOTING STAR
NATIVE SEEDS

20740 County Rd. 33 • Spring Grove, MN 55974
507.498.3944 • info@shootingstarnativeseed.com
www.shootingstarnativeseed.com



A Promotional Sponsor of the 2024 Salt Symposium

Infrastructure Design Wastewater
Winter Maintenance Drinking water Water Softening
Education Water Softening Drinking water
Soil Health Water Softening
Innovation Water Softening
Research Water Softening
Monitoring Water Softening
Dust control Water Softening
Education Water Softening
Advocacy Water Softening
Soil Health Water Softening
Advocacy Winter Maintenance
Drinking water Water Quality Planning
Winter Design Wastewater Winter Maintenance



SALT SYMPOSIUM
An LSID™ Event by Bolton & Menk

AUGUST 6-7, 2024

Scan to Register!




BOLTON & MENK
Real People. Real Solutions.

bolton-menk.com/salt-symposium/



Sustaining Success

We Offer Exceptional Long-Term Management

- Site Assessments/Plant Identification
- Invasive Weed Control
- Overseeding/Interplanting
- Detailed Reporting

612-703-7581

www.naturalshore.com



TRUEMAN WELTERS

1600 Hwy 55 E
Buffalo, MN 55313
763-682-2200

www.TRUEMAN-WELTERS.com



For more information contact Seth at 763-286-3658



PREMIUM ENGINEERED SOIL MIXES

Specifically Formulated for Storm Water Management

- Rain Garden & Rooftop Mixes
- Iron Enhanced Sand
- MN DOT 3877 Mixes
- MN DOT Type 2 Compost & Mixes
- MPCA Water Manual Mixes
- Accublender Creates Precise Blending

BOULDERS FOR
SHORELINE RESTORATION



Plaisted
Companies
INCORPORATED

PROJECT HIGHLIGHT

Lake Traverse Water Quality Improvement Project Bois de Sioux Watershed District

Since its construction in 1951, Traverse County Ditch 52 and DNR Public Waters Unnamed Tributary had been a persistent problem for the Bois de Sioux Watershed District (BdSWD) and the ecological health of Lake Traverse. In 1984, the Wheaton Gazette called it “the worst ditch in a 23-county area in Minnesota.” Over time, the channel had downcut into a ravine approximately 18 feet deep by 200 feet wide and approximately three miles long where it entered Lake Traverse. Sediment transport was so significant it can be compared to a loss of one foot of soil across 70 football fields. The BdSWD invited Moore Engineering to bring a long-needed solution to the problem.



Led by BdSWD staff, board managers, and local landowners, the project consultant conducted multiple public engagement sessions to learn from community members who would be most impacted by the project. Following the meetings, multiple design reviews were conducted in collaboration with numerous government agencies (i.e., DNR, DOT, BWSR, Traverse County SWCD, USACE). Once the project scope and design were finalized, the project consultant successfully helped the BdSWD and landowners overcome the biggest historical hurdle: funding. The team was successful in obtaining local and state funding via BWSR Clean Water Fund grants to minimize the local cost to 10 percent of the total project cost.



This innovative project was completed in three phases. This approach maximized opportunities for funding, including early communication on the permitting process; and resulted in a creative design. The BdSWD was able to secure 5.5 million dollars through a combination of local, regional, and state funding sources over a three-year period. This project included public waters, public and private drainage, which created a need for a collaborative approach to regulatory review. As part of the design approach, the existing condition of the system was documented using drone-collected LIDAR data, which allowed for the use of drone photogrammetry technology to provide design engineers with real-time qualitative data to track quantities, report elevations and monitor construction progress.



The Lake Traverse Water Quality Improvement Project was completed in 2023 and the three-mile stabilization will reduce approximately 2,500 tons of sediment per year from entering Lake Traverse. The project also addressed aquatic connectivity impairments by restoring historic fish passage, created aquatic habitat, and created and permanently protected upland habitat adjacent to and within a DNR recognized native plant communities through approximately 40 acres of easement.



This project utilized innovative design and collaborative partnerships to complete a successful and sustainable water quality project at the necessary scale to provide watershed protection.

This project was recognized with a MECA Environmental Excellence Award presented to Bois de Sioux Watershed District and Moore Engineering

