

**Karen Kill**

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**From:** Maddy Bohn <mnwatershed@gmail.com>  
**Sent:** Thursday, May 9, 2024 1:53 PM  
**To:** Maddy Bohn  
**Subject:** Summer Tour Invitation

Good afternoon, please join us for the 2024 East Metro Summer Tour!

**Summer Tour Dates: June 25 - 26**

Hosted by Capitol Region Watershed District and Ramsey Washington Metro Watershed District

[Click here to register](#) for the event.

Registration \$135.23/person

[Book your hotel stay by following this link.](#)

Workshop and Reception location: [The Essence, Saint Paul, MN](#)

[Here's a tentative agenda](#) for the event.

*The Summer Tour provides the host watershed district(s) or watershed management organization(s) with the opportunity to showcase their watershed management efforts. It also provides members with the chance to visit other areas of the state to learn about watershed work from flood control and drainage to water quality and more.*

Let me know if you have any questions and we look forward to your participation.

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**Maddy Bohn**  
Program Coordinator

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# 2024 East Metro SUMMERTOUR

Hosted by

**MINNESOTA  
WATERSHEDS**  
*Connecting People. Protecting Water.*



## Tuesday, June 25

**Location: The Essence Event Center**  
1217 Bandana Blvd N #203, St Paul, MN

**9:00a - 12:00p** Minnesota Association of Watershed Administrators (MAWA) Meeting  
**12:00p - 1:00p** Lunch  
**1:00p - 5:00p** Hear from the local experts

**1:00p Legislative Update**  
Jess Lindeen, MW Lobbyist

**1:15p Parkers Lake Chloride Reduction Study**  
Laura Jester, Bassett Creek Watershed Management Organization  
Greg Wilson, Barr Engineering

Parkers Lake, in the City of Plymouth, is impaired due to high chloride concentrations. Stormwater monitoring data shows that most chloride enters the lake from industrial and commercial areas northeast of the lake. This study included 1) development of a mass balance model to evaluate how historical stormwater chloride loadings impacted surface and bottom-water lake chloride concentrations; 2) permitting discussions with Met Council on potential discharge of chloride-laden lake water to the sanitary sewer; and 3) analysis of two different mechanisms to reduce chloride in Parkers Lake: pumping hypolimnetic water through an ion exchange system and returning cleaned water to the lake and, pumping hypolimnetic water through a reverse osmosis system and returning cleaned water to the lake. This presentation will focus on the viability and potential application of using the ion exchange and/or reverse osmosis systems to reduce chlorides in lakes or ponds.

**2:00p Developing the MWMO Equity Strategic Action Plan**  
Abby Moore, Mississippi Watershed Management Organization

The MWMO will present on a planning effort begun in 2022 to initiate the process of institutionalizing principles of Diversity, Equity and Inclusion (DEI) into our work across all programs and projects. The presentation will provide a snapshot of the organization as well as the watershed and the people who live, work and play within its boundaries. It will provide an overview of the reasoning, process, outcomes and outlook as we continue to strive to meet our mission while reflecting and serving all of the people and places within the watershed. We will share the MWMO Equity Strategic Action Plan and highlight our accomplishments thus far.

**2:45p RCWD Common Carp Management Program**  
Matt Kocian, Rice Creek Watershed District

The invasive common carp (*Cyprinus carpio*) are detrimental to water quality and lake ecology. The Rice Creek Watershed District (RCWD) has implemented an innovative, multi-year program to manage common carp in the Long Lake / Lino Chain of Lakes system. Pre-project carp density was very high (670 kg/ha) – nearly seven times the ecological damage threshold. Water quality in Long Lake and the Lino Chain was poor, with frequent algae blooms. The RCWD and Carp Solutions embarked on a multi-year comprehensive program

to reduce carp density. New and innovative tools and technologies were developed. A consistent, but flexible management approach was used, paying close attention to changing efficiencies of various management tools. Over 400,000 pounds of carp were removed from the system, and density was reduced by 88% to 80 kg/ha. In 2022, phosphorus concentrations in Long Lake were the lowest on record (38 yrs.). We will present details on program methods and water quality improvements to this successful, long-term carp management program.

### 3:30p Morningside Flood Infrastructure Project

Ross Bitner, City of Edina

The Edina’s Morningside neighborhood has several low and flood prone area and climate change is increasing the risk. The City of Edina worked with the public to plan flood infrastructure to reduce the risk of flooding in the area.

The project included:

- Weber Pond and Lynn/Kipling Pond were expanded and lowered to create about 100ac-ft of flood storage
- An expanded and reconfigured pipe network and minor grade overflow changes to better route flood waters away from homes
- A new emergency flow swale to route water through Weber Park
- The activation of 40 ac-ft of pond flood storage with a real time control system for clean water and flood protection benefits
- Natural resources restoration in upland areas
- Nature trails and bridge crossings at two locations at Weber Park
- Improved pedestrian access to the park with ADA-compliant trails in Weber Park
- Rebuilt sports fields in impacted areas with new turf a shallow groundwater sourced irrigation systems

### 5:00p - 8:00p Welcome Reception, Dinner and Bus Tour Overview

## Wednesday, June 26

**Bus Tour Day** - departing at 8:00a from the Best Western Plus Como Park Hotel, 1010 Bandana Blvd W, St Paul, MN

*Stop locations include*



*Thank you to our Sponsors!*

