

LMRWMO

LOWER MISSISSIPPI RIVER WATERSHED MANAGEMENT ORGANIZATION

2018 NEWSLETTER

MISSION: Water resources and related ecosystems are managed to sustain their long-term health and integrity through member city collaboration and partnerships with other water management organizations with member city citizen support and participation.

CHANNEL STABILIZATION AND STORMWATER IMPROVEMENTS AT LILYDALE PARK

The LMRWMO was awarded funding from the Minnesota Board of Water and Soil Resources (BWSR) through the Clean Water, Land and Legacy Amendment for stormwater improvements and channel stabilization in Saint Paul's Lilydale Park. This project will leverage \$700,000 in state funding with \$380,000 of local dollars from the Cities of Saint Paul, Mendota Heights, and West St. Paul.

The project is expected to reduce sediment traveling to downstream waterbodies by up to 41 tons per year and total phosphorus by 41 pounds per year.

This project was identified through a multi-year study to address erosion and slope stability issues in Lilydale Park. The study showed this ravine as the most severely eroded and identified large amounts of sediment and associated phosphorus that

were being carried downstream to Pickerel Lake and the Mississippi River. The ravine/channel receives untreated stormwater runoff from a 70-acre residential area encompassing portions of Mendota Heights, West St. Paul, and St. Paul. The project will address the severe erosion issue, which is the cause of the excess phosphorus

in the waterbodies, causing water quality problems including algae growth. This will be accomplished by stabilizing the channel so no further erosion can occur. Two underground stormwater treatment devices will also

clean the stormwater prior to entering the ravine. Together, these projects will significantly decrease the sediment and phosphorus traveling to Pickerel Lake and the Mississippi River.

This project will be constructed in the winter of 2018-2019.



The severely eroded Upper Cherokee Heights Ravine

BECOME A CITIZEN WATER QUALITY MONITOR!

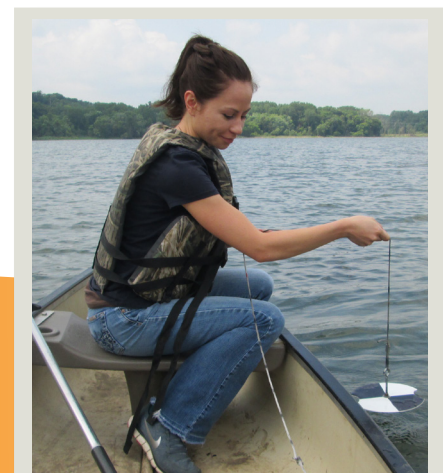
Help us gather the vital data to inform our lake and stream management decisions and ensure the lasting health of the LMRWMO lakes and streams.

Monitoring typically involves Secchi disk measurements to measure transparency of the water as well as measurements of phosphorus and chlorophyll in a lake. These give an indication of how excess nutrients in the lake are causing algae growth and making lakes unusable.

If you would like to learn how to become a water monitor, contact the LMRWMO Administrator below

(651) 480-7777

joe.barten@co.dakota.mn.us



Using a Secchi Disk to measure water clarity

WATERSHED MANAGEMENT ORGANIZATION FACTS:

- WMOs are funded by the cities within their jurisdiction.
- WMOs are governed by a citizen board appointed by the member cities.
- The WMO was formed in 1985 after the Metro Surface Water Mgmt. Act was passed.

LANDSCAPING FOR CLEAN WATER WORKSHOPS - \$250 GRANTS AVAILABLE

The Landscaping for Clean Water program makes it easy for residents of the LMRWMO to turn their yards into an attractive force for clean water rather than a contributor to water pollution. Each of us has the opportunity to create a landscape on our property which will benefit our lakes, streams, and wetlands by soaking water into the ground, providing pollinator habitat, and stabilizing eroded slopes and shorelines. Through this program, we give you the tools and knowledge to transform your yard for the better. Register today to attend an introductory Landscaping for Clean Water workshop to learn about low-maintenance native gardens, raingardens, and native shoreline planting projects.

The workshop provides an overview of water quality challenges in the LMRWMO and provides beautiful and practical ways to transform conventional urban yards into beautiful and beneficial landscapes. You will also learn about \$250 grants available to participants. After the introductory workshop, you can sign up for a \$25

Landscaping for Clean Water Design workshop where you will work with professionals to design a project specific to your property.

Workshops are held annually from March to June and attendance at the introductory workshop is free. Register or find out more by calling (651) 480-7777 or visiting www.dakotacountyswcd.org



Example of a Residential Raingarden

ABOUT THE WATERSHED

The Lower Mississippi River Watershed Management Organization, located in northern Dakota County and southern Ramsey County, covers 55.8 square miles and includes Inver Grove Heights, St. Paul, South St. Paul, West St. Paul, Lilydale, Mendota Heights, and Sunfish Lake. The LMRWMO was established by a Joint Powers Agreement to meet the requirements of the Metropolitan Surface Water Management Act of 1982.

The premise of the Surface Water Management Act is that rain and stormwater runoff are not contained within municipal boundaries. Rain that falls in one community may run through another causing flooding, erosion, or the degradation of water quality downstream. The LMRWMO addresses intercommunity stormwater issues and ensures that all stormwater projects and studies follow accepted engineering standards. The costs incurred are allocated proportionately to member cities. Other efforts of the LMRWMO include protection of surface waters, water monitoring, and public education.

The public is welcome to attend LMRWMO board meetings held on the second Wednesday of each month at 3:00 p.m. (No meetings typically held in January or July.) Meetings are located at the member city halls. For upcoming meeting information, contact your Board of Managers representative or visit: www.dakotaswcd.org/watersheds/lowermisswmo/agendas.html

DID YOU KNOW?

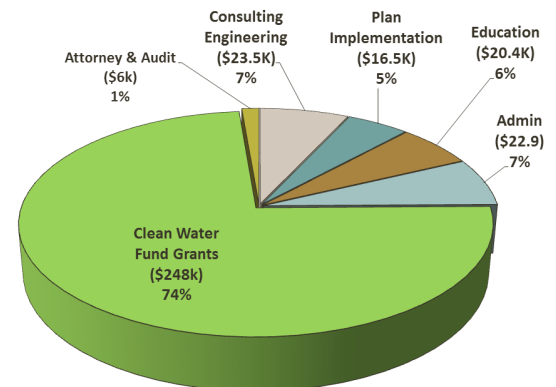
The LMRWMO Board of Managers is made up of citizen appointees who set the budget and direction of the organization. Contact us if you'd like to fill a Board vacancy for one of the highlighted Cities below.

- **Inver Grove Heights**
- Lilydale
- Mendota Heights
- **Sunfish Lake**
- South St. Paul
- St. Paul
- **West St. Paul**

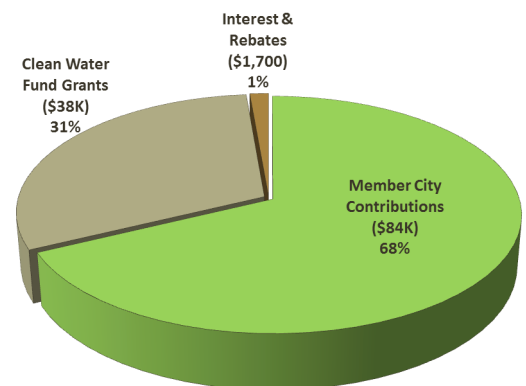
2018 BUDGET

The LMRWMO is funded member City dues based on land area and property value. Grant assistance is also provided through partnerships entities to fulfill the mission of the LMRWMO. See below for more detail.

EXPENDITURES



REVENUE



The LMRWMO Board of Managers is comprised of up to two appointed representatives from each member city, listed below

Sharon Lencowski (Chair) - Inver Grove Heights
 Scott Deyo (Vice Chair) - West St. Paul
 Mary Jeanne Schneeman (Sec/Tres) - Mendota Heights
 Karen Reid (Member) - Saint Paul

Jill Smith (Alternate) - Mendota Heights
 Max Wallin (Member) - South St. Paul
 Chris Hartzell (Alternate) - South St. Paul
 Leslie Stoy (Alternate) - Saint Paul

Tom Sutton (Member) - Lilydale
 Lyle Hanzal (Alternate) - Lilydale
 Richard Williams (Member) - Sunfish Lake
 Administrator - Joe Barten (651) 480-7777