

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

2022 ANNUAL REPORT



Lakeland

Prepared by:

MIDDLE ST. CROIX WMO BOARD OF MANAGERS
APPROVAL DATE: March 24th, 2023

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INTRODUCTION

The Middle St. Croix Watershed Management Organization encompasses approximately 19.8 square miles and is located in the east-central part of Washington County. A distinction exists between the Middle St. Croix watershed and the other watersheds of Washington County in that the Middle St. Croix watershed has many small, parallel watersheds that all flow to the St. Croix, whereas the other watersheds in the County generally have one major drainage with a headwaters and outlet. Land use in the watershed is evenly distributed between agricultural uses, rural residential, high-density residential and commercial land uses.

The Middle St. Croix Watershed Management Organization (MSCWMO) is a Joint Powers Watershed Management Organization composed of ten St. Croix Valley communities that was established under State Statute 103B to cooperatively manage water resources within the watershed. The ten member communities of the MSCWMO are: Afton, Bayport, Baytown Township, Lakeland, Lakeland Shores, Lake St. Croix Beach, Oak Park Heights, St. Mary's Point, Stillwater, and West Lakeland Township.

In general, the purposes of a Watershed Management Organization (WMO) are to conserve natural resources through land use planning, flood control, and other conservation projects in order to ensure continued public health and welfare. The specific purposes of a watershed management organization are:

- Cooperatively manage water resources in the watershed.
- Inventory and assess the resources of the watershed.
- Monitor the water quality of lakes and streams in the watershed.
- Provide education on water related issues in the watershed.
- Review development plans for stormwater management, erosion and sediment control, and provide wetland and shoreland protection.
- Plan and implement capital improvement projects that enhance the water resources of the watershed.

The mission of the Middle St. Croix Watershed Management Organization is to jointly and cooperatively manage the water resources of the watershed. The ten member communities will do so to conserve and protect the water resources in an efficient and effective manner.

ORGANIZATION AND BUDGET

MSCWMO Board of Managers

Each member municipality or township within the MSCWMO appoints one member to the MSCWMO Board. The 2022 representatives from each participatory community are listed below.

Annie Perkins
4042 River Road S.
Afton, MN 55001
651-592-3007

Tom McCarthy
16455 20th St. S.
Lake St. Croix Beach, MN 55043
651.436.7031

Brian Zeller (Chair)
55 Lakeland Shores Rd
Lakeland Shores, MN 55043
612.325.3038

Beth Olfelt-Nelson
2990 Itasca Ave. S.
St. Mary's Point, MN 55043
612.417.5394

Mike Runk
5525 O'Brien Ave N
Oak Park Heights, MN 55082
651-439-5458

Avis Peters
13045 53rd Street Pl.
Stillwater., MN 55082
612.275.2200

Ryan Collins
1467 Benson Blvd E
Stillwater MN 55082
651.246.8264

Joe Paiement
1190 St. Croix Trail South
Lakeland, MN 55082
651-430-8163

Dan Kylo
1891 Oldridge Ave. N.
West Lakeland Township, MN 55082
651.436.1134

John Dahl
775 3rd Ave N.
Bayport, MN 55003
651.439.7312

MSCWMO Contract Support Staff

The MSCWMO does not employ staff but does contract with several organizations for professional services. The organizations providing these services are listed below.

Administrator
Matt Downing
Washington Conservation
District
455 Hayward Avenue,
Oakdale MN 55128
651.796.2227

Attorney
Troy Gilchrist
470 Pillsbury Center
200 South Sixth Street
Minneapolis, MN 55402
612.337.9215
tgilchrist@kennedy-
graven.com

Recording Secretary
Washington Conservation
District
455 Hayward Avenue,
Oakdale MN 55128
651.330.8220 Ext. 2225

Table 1: 2022 Budget

Administration Budget	Community Contributions
Administration - General	\$ 31,160
Accounting	\$ 1,550
Legal Fees – General	\$ 1,000
Audit	\$ 2,100
Insurance	\$ 2,600
Office supplies/equipment/postage	\$ 625
Minutes/Clerical	\$ 1,180
Copying/printing	\$ 625
Subtotal	\$ 40,840
Project Budget	
Project Contingency	\$ 2,000
Engineering - Project	\$ 5,700
Development Plan Reviews	\$ 5,040
Erosion Monitoring Program	\$ 2,250
BMP Program Tech. Assistance	\$ 27,768
BMP Program Cost Share	\$ 20,000
Community TA	\$ 3,000
Water Resource Educator	\$ 6,300
Website	\$ 800
Inspection and Tracking Database	\$ 900
Water Monitoring	\$ 22,000
Water Monitoring Equip. Savings	\$ 750
2025 WMP Update	\$5,000
Subtotal	\$ 101,508
TOTAL	\$ 142,348

Table 2: 2023 Budget

Administration Budget	Community Contributions
Administration - General	\$ 31,160
Accounting	\$ 1,550
Legal Fees – General	\$ 1,000
Audit	\$ 2,100
Insurance	\$ 2,600
Office supplies/equipment/postage	\$ 625
Minutes/Clerical	\$ 1,180
Copying/printing	\$ 625
Subtotal	\$ 40,840
Project Budget	
Project Contingency	\$ 2,000
Engineering - Project	\$ 5,700
Development Plan Reviews	\$ 5,040
Erosion Monitoring Program	\$ 2,250
BMP Program Tech. Assistance	\$ 27,768
BMP Program Cost Share	\$ 20,000
Community TA	\$ 3,000
Water Resource Educator	\$ 6,300
Website	\$ 800
Inspection and Tracking Database	\$ 900
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Water Monitoring Equip. Savings	\$ 750
2025 WMP Update	\$5,000
Subtotal	\$ 101,508
TOTAL	\$ 142,348

AUDIT REPORT

Michael Peterson, Certified Public Accountant & Consultant, has been contracted to complete an audit of the financial management of the WMO for the year 2022. At the time of writing this report the audit process is underway. The audit will be presented to the State of Minnesota and posted to the MSCWMO website upon completion.

2022 PROGRAMS AND PROJECTS

2022 Implementation of Performance Standards

The mission of the MSCWMO is to jointly and cooperatively manage water resources within the WMO and to provide effective and efficient services to the residents of the watershed. To work to meet this goal, the MSCWMO adopted Minimal Impact Design Standards (MIDS) developed by the Minnesota Pollution Control Agency. The watershed also provided assistance to member communities to integrate MIDS into local ordinance. Rather than create its own separate permit program, the MSCWMO reviews projects that meet the criteria listed in section 7.0 of the 2015-2025 Watershed Management Plan. Member communities do not issue permits until the project has met all applicable watershed performance standards.

Table 3: MSCWMO Project Reviews and Total Phosphorous Load Reductions of Permanent Stormwater Best Management Practices Estimated with the MIDS Calculator.

Year	Total Projects Reviewed	Total BMP Estimated TP Reduction (lbs./yr.)	Redevelopment BMP Estimated TP Reduction (lbs./yr.)
2016	19	26.7	25.6
2017*	19	133.6	124.7
2018	18	25.8	17.2
2019	13	17.9	6.0
2020	11	51.7	0.2
2021	13	14.0	7.6
2022	18	7.2	7.2

*2017 includes the permanent stormwater BMPs installed as part of the St. Croix Crossing project.

2022 Projects Implementation

The MSCWMO 2015-2025 Watershed Management Plan targets goal reductions of Total Phosphorus to each of the three major watersheds draining to impaired surface waters listed on the State of Minnesota 303 D list: Lake St. Croix, Lily Lake, and Perro Creek. From 2015 to 2020, table 6.6 of the MSCWMO Watershed Management Plan identifies a total target of 70.1 lbs of total phosphorus load reduction to be completed by voluntary retrofitting. To date, 68 water quality improvement projects have been installed totaling an estimated annual total phosphorus reduction of 246 lbs. Twelve projects were installed in 2022.

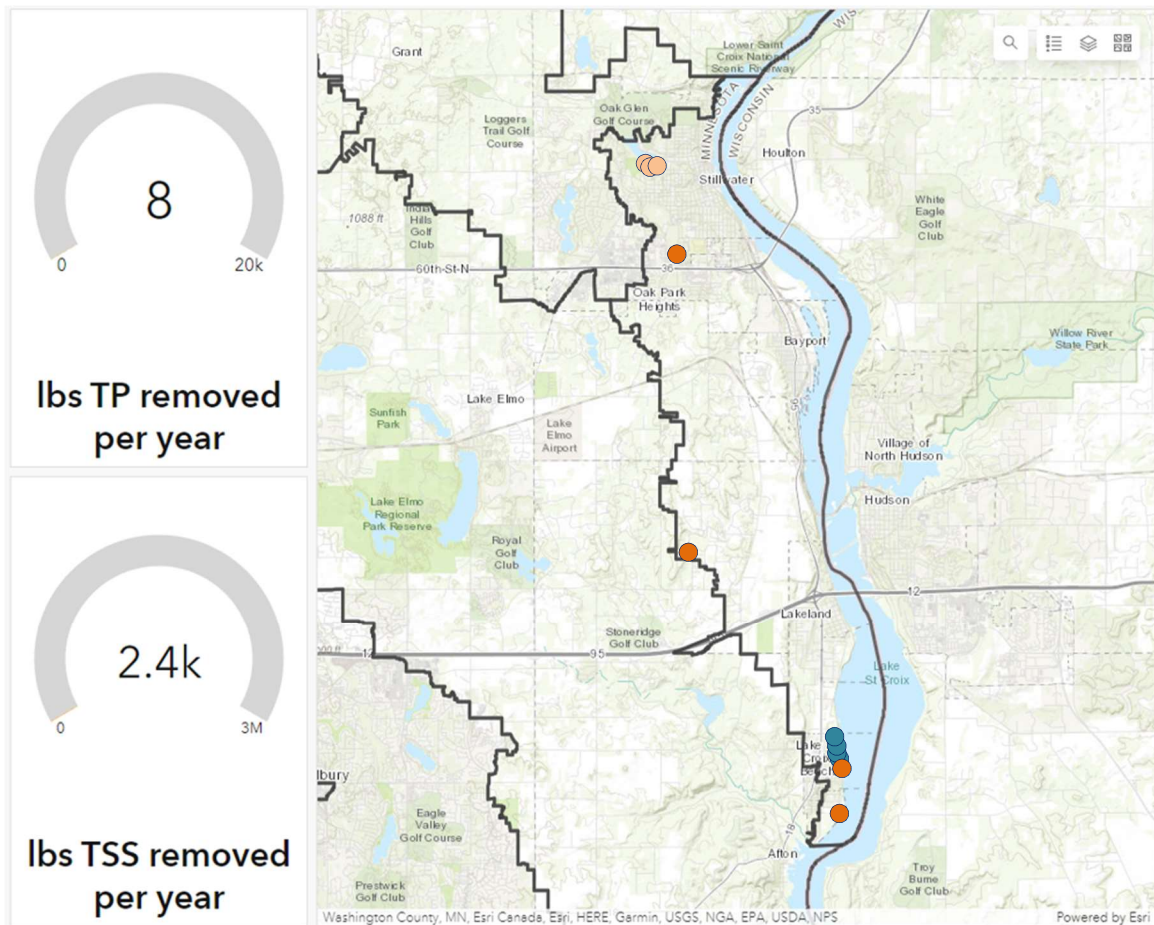


Figure 1. 2022 Installed Practices with Total Phosphorus (TP) and Total Suspended Solids (TSS) Reductions

Table 4: MSCWMO Water Quality Retrofits and Total Phosphorous Load Reductions of Permanent Stormwater Best Management Practices Estimated with the MIDS Calculator.

Year	Total Projects Installed	Total BMP Estimated TP Reduction (lbs./yr.)	Targeted Subwatersheds
2015	17	17.3	Lake St. Croix and McKusick
2016	3	48.8	Lake St. Croix and Perro
2017	5	10.1	Lake St. Croix and Lily
2018	6	56.3	Lake St. Croix and Lily
2019	7	39.4	Lake St. Croix and Lily
2020	4	0.8	Lake St. Croix and Perro
2021	4	65.3	Lake St. Croix and Lily
2022	12	8.0	Lake St. Croix and McKusick

Best Management Practices and Subwatershed Implementation Program

The MSCWMO continues to seek partnerships to construct high-performing and low-cost stormwater best management practices identified in its subwatershed analyses. In 2022, seven projects were completed that were either identified in a subwatershed analysis or located in priority direct drainages that were part of these analyses. These projects received state and local funding to design and construct:

Projects that were installed in 2022:

- Lily Lake Infiltration Basin, Lily Lake Subwatershed
- Lake St Croix Beach Bluff Toe Stabilization, Lake St. Croix Subwatershed
- 4x bioretention practices and 1 vegetated swale/native planting projects installed along Riviera Avenue in Lake St. Croix Beach in the Lake St. Croix Subwatershed.

The following is a summary of work that was completed in 2022:

Lily Lake Infiltration Basin, Stillwater:

In 2018 the MSCWMO completed the Lily Lake Delisting Roadmap which identifies projects and treatments to complete the total phosphorus load reductions to Lily Lake and remove it from the impaired waters list by 2022. The final report is located on the MSCWMO website: <http://www.mscwmo.org/subwatershed-assessments>. In 2020 the MSCWMO applied for and received a grant from the Clean Water Fund to install a large-scale infiltration basin at Lily Lake Park and complete an in-lake alum treatment in Lily Lake. A 22,000 sq ft infiltration basin was installed at Lily Lake Park in 2021. The basin will remove 31 lbs of TP from the lake annually. The WMO also worked with city staff and consultants in 2022 to complete the alum treatment portion of the project in summer 2022. The project itself will be instrumental in avoiding the Total Maximum Daily Load (TMDL) process and potentially delisting the lake for phosphorus impairments.

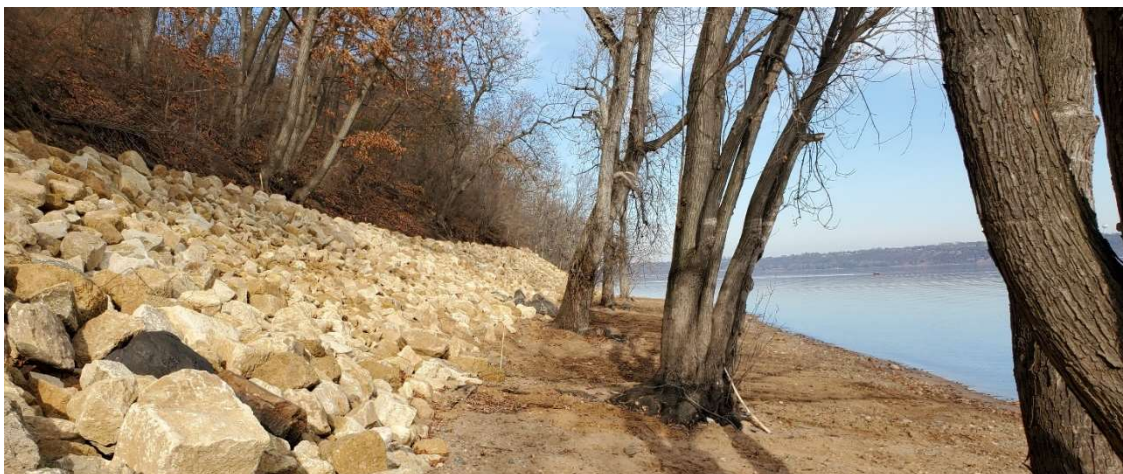
The WMO worked with EOR, the City of Stillwater, and other local partners in 2022 to plant the basin with over 1,250 native plugs and 15 native shrubs, assist with establishment maintenance of existing trees, and install a split rail fence for aesthetics and safety.



[Above] Lily Basin planting event, June 2022. Photo courtesy of Emmons & Olivier Resources, Inc.

Lake St. Croix Beach – Bluff Toe Stabilization:

In 2018 the MSCWMO completed the Lake St. Croix Direct South Subwatershed Analysis and was successful at securing a 2019 Clean Water Fund (CWF) Grant and a 2019 St. Croix River Association Grant to design and install high priority projects identified in the report. 404 linear feet of bluff stabilization was constructed in coordination with the city of Lake St. Croix Beach utilizing 2019 CWF, 2019 Watershed Based Funding (WBF) and city funds in 2020. The first phase was completed in spring of 2021. In 2022, the WMO engaged the city to utilize remaining funds from the WMO’s 2021 Clean Water Fund (CWF) Grant to stabilize an additional 96 feet.



[Above] Lake St. Croix Beach bluff toe stabilization.

This second phase is expected to continue into spring 2023. Once complete, Phases 1 and 2 together will reduce total phosphorus (TP) to the river by approximately 50 lbs per year.

Lake St. Croix Beach – Riviera Treatment Train:

In 2018 the MSCWMO secured a 2021 Clean Water Fund (CWF) Grant to continue implementation of prioritized practices identified in the Lake St. Croix Direct South Subwatershed Analysis. Four bioretention practices and one vegetated swale were installed along Riviera Avenue in August of 2022. Turf edges along city right of way were ripped and re-sodded in two location to improve road drainage and enhance infiltration. Together, these practices will reduce total phosphorus (TP) loading to the river by 6.5 lbs per year.



[Above] *Riviera Avenue Treatment Train Bioretention.*

Middle St Croix Mini-Grant Cost Share program:

The Middle St Croix WMO offers mini-grants (up to \$500) to qualifying landowners to install low cost BMPs in priority areas. The program saw six installations and 33 inquiries (likely future applicants). These projects included three native shoreline buffer restorations/enhancement on Lake McKusick, one turf-to-prairie conversion, one oak woodland enhancement, and one native plantings for pollinator benefit.



[Above] *Siegler Shoreline Buffer Restoration, Lake McKusick*

Erosion Monitoring Program

The MSCWMO erosion control inspection program was developed to ensure that the policies and performance standards of the MSCWMO were implemented on the ground for qualifying projects. Staff continue to inspect active projects, which were reviewed by the MSCWMO board. The MSCWMO coordinates its inspection program with its member communities and their building/permit inspectors.

In 2022, 22 erosion control inspections were conducted at 13 sites in 2022. Compliance over the year was fairly high, with 59.1% of inspections receiving an A grade, 31.8% a B, 9.1% a C, and 0% a D or F. For the purposes of this summary, compliance rates for inspection items were only considered when the item was marked “compliant” or “non-compliant”, and all “not inspected” items were removed from the total number of inspections for each inspection item. The most common non-compliant items noted on sites were lack of maintenance for damaged or missing perimeter controls (29.4% of inspections) and improperly installed perimeter controls (16.7% of inspections). Lack of containment for concrete washout waste was also somewhat high (20.0% of inspections). Fortunately, compliance with adequate soil stabilization for disturbed areas not being worked (60.0% of inspections) and adequate maintenance of installed soil cover (92.9% of inspections) was relatively high. Generally, it is considered more effective to prevent erosion via soil cover and stabilization than it is to control sediment that has been eroded via perimeter controls, so this is a positive finding. Other notable items found to have a high rate of compliance were prevention and cleaning of sediment trackout onto paved surfaces, protection of proposed permanent stormwater treatment features, preservation of buffers when working near water resources, and limiting disturbance of steep slopes. No sediment discharges to water resources were recorded on any inspection in 2022.

BMP Inspections and Maintenance

The MSCWMO BMP Inspection and Tracking Database was developed to ensure that the installed practices are meeting functional and aesthetic expectations. In 2022, 404 MSCWMO projects were inspected. Utilizing the Washington Conservation District Maintenance Crew, Minnesota Conservation Corps, and volunteer effort, maintenance was performed on BMPs that are municipalities’ responsibility to maintain.

The watershed also worked in partnership with the East Metro Water Resource Education Program, Sustainable Stillwater, the Lily Lake Association, and the Stillwater Foundation to develop and Pilot an Adopt a Raingarden Program in Stillwater. The program will continue in 2022 under volunteer management.



Groundwater

The MSCWMO continued to recognize the Washington County Groundwater Plan during 2022 and continued to participate in County wide technical advisory committee meetings to prioritize implementation and identify responsible parties for specific activities.

Local Government Controls

The MSCWMO continued to work with its member communities to strengthen water quality and natural resource management. Through a Clean Water Fund Accelerated Implementation grant the MSCWMO assisted its member communities to update their local controls. In 2018 all communities except Stillwater adopted Minimum Impact Design Standards (MIDS) into local ordinance and code. All communities will continue to participate in the MSCWMO's project review program. The City of Stillwater has adopted MIDS standards by resolution in 2019 but has not codified.

One Watershed One Plan

In 2022, the MSCWMO has worked collaboratively with 15 local governments participating in the Lower St. Croix Comprehensive Watershed Management Plan. The MSCWMO will continue to work collaboratively to implement a coordinated management plan on the large HUC 8 basin scale.

Information and Education Program

Shared Water Resource Educator

MSCWMO continues to participate in the East Metro Water Resource Education Program (EMWREP). The partnership was formed in 2006 to educate community residents, businesses, staff, and decision-makers about issues affecting local lakes, rivers, streams, wetlands and groundwater resources and to engage people in projects that will help to protect and improve the health of these water resources.

In 2022, EMWREP programming and activities within the MSCWMO included:

- **Public education resources, delivered on a monthly basis to volunteers and local cities in the MSCWMO**
- **Lily Lake De-listed!** A highlight of 2022 was the de-listing of Lily Lake in Stillwater, after more than 20 years of community organizing, watershed planning, and project implementation. EMWREP and MSCWMO education and outreach from 2006 onward was critical to the success of this effort. On Friday, Sept. 30, MSCWMO worked with Friends of Lily Lake to throw a “De-Listing Party” with food, music, and an official commendation of Lily Lake’s removal from the impaired water’s list.
- **Volunteer engagement**
 - **Adopt a Drain:** This program engages community residents in helping to prevent stormwater pollution by cleaning leaves, litter and other debris off of storm drains near their homes.
 - 2022 stats include 167 drains adopted in MSCWMO; 496.1 pounds of debris collected by volunteers; and 18.8 volunteer hours spent on the program.
 - EMWREP continues to collaborate with Sustainable Stillwater to promote this program and recruit volunteers.
 - **Adopt a Raingarden:** Volunteers commit to removing weeds, litter, and built-up sediment during the growing season and reporting larger maintenance concerns to staff at Washington Conservation District.
 - There are 31 raingardens adopted in Stillwater and Oak Park Heights
 - April 4 – resource packet emailed to garden owners and volunteers
 - May 12 – raingarden maintenance workshop in Stillwater
 - **Water Steward volunteers in MSCWMO:** Sally Arneson, Barb Bickford, Mike McCarthy, Gabriel Curell
 - Barb Bickford and Mike McCarthy have been actively engaged with the Friends of Lily Lake. Barb facilitated strategic planning conversations in 2022 and Mike helped to plan the Lily Lake de-listing celebration. Both continue working to remove buckthorn and plant native species near Lily Lake.
 - Sally Arneson now serves on the board of the Wild Rivers Conservancy and remains engaged in St. Croix River issues, including caring for native plantings near her property in Lakeland.
 - Gabriel Curell is part of the Lake St. Croix Citizens Environmental Group and continues to care for his native planting.

- EMWREP is currently working with Freshwater Society, ArtReach St. Croix, and Franconia Sculpture Park to secure grant support for a cohort of "Artist Water Stewards" to begin in 2024.
 - We are also in close collaboration with the St. Croix Watershed Stewards program, which is hosted by North Woods and Waters. Several volunteers in that program also live in the MSCWMO.
 - **Additional volunteer events**
 - June 1 - Lily Lake volunteer planting event
 - Sept. 10 - River Rally, Stillwater: Barbara Heitkamp led a group of community volunteers in storm drain clean-up and promoting Adopt a Drain.
- **Bluffland Landowner Education**
 - Delivered a postcard to St. Croix bluffland landowners in MSCWMO in the spring
 - Delivered a special mailing to St. Croix bluffland landowners, in conjunction with Wild Rivers Conservancy in the fall
- **Media**
 - **KARE-11 News story on de-listing Lily Lake – Sept. 26:** Reporters interviewed Angie Hong and Del Peterson for this 3:49min feature story about the work that went into de-listing Lily Lake.
 - **Weekly news articles in the Stillwater Gazette** (Circulation - 17,479)
 - **Salt continues to pollute Minnesota lakes and streams** – January 20
“Once concentrations are high enough, the chloride becomes toxic to fish and invertebrates and can even prevent lakes from turning over the in spring and fall.”
 - **10,000 Storm Drain Adopters in the Land of 10,000 Lakes** – May 3
“To date, nearly 10,000 Minnesotans have adopted 17,762 storm drains, and those volunteers have reported collecting 474,096 pounds of debris that would have otherwise ended up in our water.”
 - **Saving our water one storm drain at a time** – May 10
“If you live in an area with storm drains and have been wondering if there’s a way to fit a small but measurable feat of conservation into your busy life, Adopt-a-Drain is great way to go.”
 - **Lily Lake alum treatment scheduled** – May. 12
“The alum will draw phosphorus out of the water column and also seal sediment on the lake bottom so that the nutrient can no longer feed algae.”
 - **Who maintains raingardens after they are planted?** – June. 2
“As raingardens surged in popularity, local communities quickly realized how challenging it could be to keep these new gardens looking good and functioning properly.”
 - **Friends of Lily Lake invites community to celebrate lake’s “de-listing”**
– September 19
“On Friday, September 30, 5-7:30pm, Friends of Lily Lake will celebrate this return to clean water with a family-friendly community event at Lily Lake Park.”

- **Sweeping streets and clearing drains for a cleaner St. Croix River** – Dec. 1

“This winter, the Lower St. Croix Watershed Partnership will allocate \$40,000 in state funding to help 16 local communities develop targeted, enhanced street sweeping programs in order to reduce stormwater runoff pollution to the St. Croix River and its tributary lakes and streams.”

- **A very hygge holiday?** – Dec. 9, 2022

“Most often, you experience hygge with a small group of friends or family, possibly in front of a fireplace with warm wooly socks and a steaming drink in hand, but definitely not behind the wheel of a car, careening through rush hour traffic in the middle of an ice storm.”

- **Videos**

- **Adopt a Drain** (3/16/22) 60k views, 128 shares
- **De-listing lakes** (3/17/22) 20k views, 16 shares
- **Lily Lake de-listing** (4/14/22) 7k views, 14 shares
- **Lily Lake de-listing** (9-27-22) 407k views, 4600 shares
- Developed a series of 4 videos about aquatic invasive species, focusing on carp

- **Education for local decision-makers**

- **Workshop on the Water – July 20:** EMWREP collaborated with Wild Rivers Conservancy, Minnesota and Wisconsin DNR, National Park Service, and Wisconsin counties to host a St. Croix River Workshop on the Water for local officials. 100 people attended.

The MSCWMO will continue providing funding and staff time to support EMWREP in 2023.

A full report of EMWREP activities completed in 2022 can be found at www.mnwcd.org/emwrep-partners.

Website

The MSCWMO continued to update its website in 2022. The website contains up to date meeting dates, agendas, minutes, annual reports, water monitoring information, contact information and more. In addition, the website also contains a section for grant reporting which highlights projects completed as part of the BWSR Clean Water Legacy Program. The website also contains a tab for project review applications which provides all necessary information on the MSCWMO’s project review process. The MSCWMO website can be viewed at the following link:

<http://www.mscwmo.org>

2023 Data Collection Program

Water Quality Monitoring Program

In 2022 the Middle St. Croix Watershed Management Organization (MSCWMO) continued condition monitoring and water quality and elevation biweekly on McKusick Lake and Lily Lake. Information from the Brown's Creek Diversion Drainage which flows to McKusick Lake is monitored by the Brown's Creek Watershed District, but resulting information is also provided to the MSCWMO for use in management planning. The MSCWMO established a permanent monitoring station at the storm sewer connection from Brick Pond to Lily Lake. This station will measure the annual volume of water and concentration of phosphorous flowing from Brick Pond to Lily Lake. In 2022 a fully automated monitoring station was established on Perro Creek to better characterize loading from Perro Creek to the St. Croix. The MSCWMO monitored volume and concentration of discharge for both base flow and storm flows from Perro Creek.

Full water monitoring reports can be viewed on our website. The 2022 monitoring report will be available in May of 2023.

<http://www.mscwmo.org/water-monitoring>

2023 WORKPLAN

Best Management Practices Program

The MSCWMO will continue to promote its Best Management Practices Program in 2023. The MSCWMO will continue to work to engage landowners in the Lily Lake, McKusick Lake, Perro Creek, Lake St. Croix Direct Discharge North and South subwatersheds.

Subwatershed Analyses and Implementation

In 2023 the MSCWMO will continue working with the City of Stillwater, City of Bayport, City of Lake St. Croix Beach, other member communities, MnDOT, and private landowners to design and install targeted stormwater quality best management practices identified in subwatershed analyses. The MSCWMO received Clean Water Fund Grants to implement the findings of the Lake St Croix Direct Discharge (South) SWA. Design and construction for priority locations in the southern half of the watershed will commence in 2023.

Water Monitoring

The MSCWMO will continue water quality condition monitoring program for Lily and McKusick Lakes and Perro Creek. The MSCWMO will be expanding the data and water quality samples collected on Perro Creek in 2021 to include a continuous monitoring station. The MSCWMO has contracted with the Washington Conservation District to complete monitoring and reporting again in 2023. The MSCWMO is planning to apply for funding to monitor the volume and concentration flowing out from the Mulberry Ravine and select stormwater outfalls in the City of Stillwater discharging directly into Lake St. Croix.

Public Education and Outreach Programs

The MSCWMO will continue to participate in the East Metro Water Resource Education Program. The activities and programs offered through this partnership will help MSCWMO meet its goals for education and outreach.

Lower St. Croix One Watershed One Plan

The MSCWMO will continue to work collaboratively with 15 units of government charged with water governance in the Lower St. Croix HUC8 watershed to implement a coordinated management plan.

Development Plan Reviews and Erosion Control Inspection Program; MSCWMO Policies and Performance Standards

The MSCWMO will continue to review qualifying projects for consistency with the 2015 Watershed Management Plan, and will continue to coordinate its review process with its member communities. Staff will also continue to inspect current and past projects to ensure erosion control practices are implemented, and stormwater management features are functioning as planned. The MSCWMO will promote trainings and events that will improve performance on future projects.

Website Update and Maintenance

The MSCWMO continues to update and maintain its website.

APPENDIX A

2022 Annual Communications

AFTON

The City of Afton is one of ten member communities of the Middle St. Croix Watershed Management Organization (MSCWMO) that collectively works to improve the water quality of Lake St. Croix. The MSCWMO provides educational, technical, and financial assistance to the City of Afton to effectively manage water resources. They also partner with the Washington Conservation District to provide design and cost share assistance for voluntary conservation projects on private lands that reduce sediment and phosphorous pollution entering the St. Croix River. If you are considering a conservation project on your property or have any questions about the MSCWMO watershed please contact Matt Downing, Administrator of the MSCWMO at mdowning@mnwcd.org or Annie Perkins, the City of Afton appointed MSCWMO Board Manager at 651-592-3007.

BAYPORT

The City of Bayport is one of ten member communities of the Middle St. Croix Watershed Management Organization (MSCWMO) that collectively works to improve the water quality of Perro Creek and Lake St. Croix. The MSCWMO provides educational, technical, and financial assistance to the City of Bayport to effectively manage water resources. They also partner with the Washington Conservation District to provide design and cost share assistance for voluntary conservation projects on private lands that reduce sediment and phosphorous pollution entering Perro Creek and the St. Croix River. If you are considering a conservation project on your property or have any questions about the watershed please contact Matt Downing, Administrator of the MSCWMO at mdowning@mnwcd.org or Council Member John Dahl the City appointed Board Manager on the watershed, at 651-439-7312.

BAYTOWN TOWNSHIP

Baytown Township is one of ten member communities of the Middle St. Croix Watershed Management Organization (MSCWMO) that collectively works to improve the water quality of Lake St. Croix. The MSCWMO provides educational, technical, and financial assistance to Baytown Township to effectively manage water resources. They also partner with the Washington Conservation District to provide design and cost share assistance for voluntary conservation projects on private lands that reduce sediment and phosphorous pollution entering the St. Croix River. If you are considering a conservation project on your property or have any questions about the watershed please contact Matt Downing, Administrator of the MSCWMO at mdowning@mnwcd.org or Township Board Member Avis Peters, the Township appointed Board Manager on the watershed, at 651-430-8163.

LAKELAND

The City of Lakeland is one of ten member communities of the Middle St. Croix Watershed Management Organization (MSCWMO) that collectively works to improve the water quality of Lake St. Croix. The MSCWMO provides educational, technical, and financial assistance to the City of Lakeland to effectively manage water resources. They also partner with the Washington

Conservation District to provide design and cost share assistance for voluntary conservation projects on private lands that reduce sediment and phosphorous pollution entering the St. Croix River. If you are considering a conservation project on your property or have any questions about the watershed please contact Matt Downing, Administrator of the MSCWMO at mdowning@mnwcd.org or Mayor Joe Paiement, the City appointed Board Manager on the watershed, at 651-206-5200.

LAKELAND SHORES

The City of Lakeland Shores is one of ten member communities of the Middle St. Croix Watershed Management Organization (MSCWMO) that collectively works to improve the water quality of Lake St. Croix. The MSCWMO provides educational, technical, and financial assistance to the City of Lakeland Shores to effectively manage water resources. They also partner with the Washington Conservation District to provide design and cost share assistance for voluntary conservation projects on private lands that reduce sediment and phosphorous pollution entering the St. Croix River. If you are considering a conservation project on your property or have any questions about the watershed please contact Matt Downing, Administrator of the MSCWMO at mdowning@mnwcd.org or Brian Zeller, the City appointed Board Manager on the watershed, at 612-325-3038.

LAKE ST CROIX BEACH

The City of Lake St. Croix Beach is one of ten member communities of the Middle St. Croix Watershed Management Organization (MSCWMO) that collectively works to improve the water quality of Lake St. Croix. The MSCWMO provides educational, technical, and financial assistance to the City of Lake St. Croix Beach to effectively manage water resources. They also partner with the Washington Conservation District to provide design and cost share assistance for voluntary conservation projects on private lands that reduce sediment and phosphorous pollution entering the St. Croix River. If you are considering a conservation project on your property or have any questions about the watershed please contact Matt Downing, Administrator of the MSCWMO at mdowning@mnwcd.org or Mayor Tom McCarthy, the City appointed Board Manager on the watershed, at 651-436-7031.

OAK PARK HEIGHTS

The City of Oak Park Heights is one of ten member communities of the Middle St. Croix Watershed Management Organization (MSCWMO) that collectively works to improve the water quality of Perro Pond and Lake St. Croix. The MSCWMO provides educational, technical, and financial assistance to the City of Oak Park Heights to effectively manage water resources. They also partner with the Washington Conservation District to provide design and cost share assistance for voluntary conservation projects on private lands that reduce sediment and phosphorous pollution entering Perro Pond or St. Croix River. If you are considering a conservation project on your property or have any questions about the watershed please contact Matt Downing, Administrator of the MSCWMO at mdowning@mnwcd.org or Council Member Mike Runk, the City appointed Board Manager on the watershed, at (651) 439-5458.

ST. MARY'S POINT

The City of St. Mary's Point is one of ten member communities of the Middle St. Croix Watershed Management Organization (MSCWMO) that collectively works to improve the water quality of Lake

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

St. Croix. The MSCWMO provides educational, technical, and financial assistance to the City of St. Mary's Point to effectively manage water resources. They also partner with the Washington Conservation District to provide design and cost share assistance for voluntary conservation projects on private lands that reduce sediment and phosphorous pollution entering the St. Croix River. If you are considering a conservation project on your property or have any questions about the watershed please contact Matt Downing, Administrator of the MSCWMO at mdowning@mnwcd.org or Council Member Beth Olfelt-Nelson, the City appointed Board Manager and the Treasurer for the watershed, at 612-417-5394.

STILLWATER

The City of Stillwater is one of ten member communities of the Middle St. Croix Watershed Management Organization (MSCWMO) that collectively works to improve the water quality of Lily Lake, Lake McKusick, and Lake St. Croix. The MSCWMO provides educational, technical, and financial assistance to the City of Stillwater to effectively manage water resources. They also partner with the Washington Conservation District to provide design and cost share assistance for voluntary conservation projects on private lands that reduce sediment and phosphorous pollution entering Lily Lake, Lake McKusick, or the St. Croix River. If you are considering a conservation project on your property or have any questions about the watershed please contact Matt Downing, Administrator of the MSCWMO at mdowning@mnwcd.org or Council Member Ryan Collins, the City appointed Board Manager on the watershed, at 651-246-8264.

WEST LAKELAND TOWNSHIP

West Lakeland Township is one of ten member communities of the Middle St. Croix Watershed Management Organization (MSCWMO) that collectively works to improve the water quality of Lake St. Croix. The MSCWMO provides educational, technical, and financial assistance to West Lakeland Township to effectively manage water resources. They also partner with the Washington Conservation District to provide design and cost share assistance for voluntary conservation projects on private lands that reduce sediment and phosphorous pollution entering the St. Croix River. If you are considering a conservation project on your property or have any questions about the watershed please contact Matt Downing, Administrator of the MSCWMO at mdowning@mnwcd.org or Board Member Phillip Moosbrugger, the Township appointed Board Manager, at 612-889-1556.