

MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

2017 ANNUAL REPORT



Lake St. Croix Beach

Prepared by:

MIDDLE ST. CROIX WMO BOARD OF MANAGERS
APPROVAL DATE: April 12th, 2018

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INTRODUCTION

The Middle St. Croix WMO 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 2017 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

Nancy Anderson
2870 Itasca Ave. S.
St. Mary's Point, MN 55043
651.436.7157

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

John Fellego
4220 Osgood Ave N.
Baytown Twp., MN 55082
612.275.2200

Doug Menikheim
527 Broadway Ave. S.
Stillwater MN 55082
612.382.4929

Joe Paiement
1190 St. Croix Trail South
Lakeland, MN 55043
651-436-4430

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

Dan Goldston
294 North Third St.
Bayport, MN 55003
651-275-4404

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
Mikael Isensee
Washington Conservation
District
455 Hayward Avenue,
Oakdale MN 55128
651.330.8220 Ext. 22

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. 27

Table 1: 2017 Budget

Administration Budget	Community Contributions
Administration - General	\$ 29,200
Accounting	\$ 1,500
Legal Fees – General	\$ 1,000
Audit	\$ 1,900
Insurance	\$ 3,000
Office supplies/equipment/postage	\$ 750
Minutes/Clerical	\$ 1,100
Copying/printing	\$ 750
Subtotal	\$ 39,200
Project Budget	
Project Contingency	\$ 2,000
Engineering - Project	\$ 5,400
Development Plan Reviews	\$ 4,800
Erosion Monitoring Program	\$ 2,250
BMP Program Tech. Assistance	\$ 25,859
BMP Program Cost Share	\$ 19,500
Community TA	\$ 3,000
Water Resource Educator	\$ 6,000
Website	\$ 750
Inspection and Tracking Database	\$ 900
Water Monitoring	\$ 16,411
Water Monitoring Equip. Savings	\$ 1,000
2025 WMP Update	\$6,000
Subtotal	\$ 93,870
TOTAL	\$ 133,070

Table 2: 2018 Draft Budget

Administration Budget	Community Contributions
Administration - General	\$ 29,200
Accounting	\$ 1,500
Legal Fees – General	\$ 1,000
Audit	\$ 1,900
Insurance	\$ 3,000
Office supplies/equipment/postage	\$ 750
Minutes/Clerical	\$ 1,100
Copying/printing	\$ 750
Subtotal	\$ 39,200
Project Budget	
Project Contingency	\$ 2,000
Engineering - Project	\$ 5,400
Development Plan Reviews	\$ 4,800
Erosion Monitoring Program	\$ 2,250
BMP Program Tech. Assistance	\$ 25,521
BMP Program Cost Share	\$ 15,500
Community TA	\$ 3,000
Water Resource Educator	\$ 6,000
Website	\$ 750
Inspection and Tracking Database	\$ 900
Water Monitoring	\$ 20,749
Water Monitoring Equip. Savings	\$ 1,000
2025 WMP Update	\$6,000
Subtotal	\$ 93,870
TOTAL	\$ 133,070

AUDIT REPORT

Michael Peterson, Certified Public Accountant & Consultant, completed an audit of the financial management of the WMO for the year 2017. The result of this audit disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards, and that the MSCWMO does comply with the material terms and conditions of applicable legal provisions. In the opinion of the auditor, the financial statements of the MSCWMO for the year ending December 31, 2017 were in conformity with accounting principles generally accepted in the United States of America.

2017 PROGRAMS AND PROJECTS

2017 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 towards meeting this goal, the MSCWMO chose to integrate its performance standards into existing city and township review processes rather than create its own separate permit program. This integration has two levels. One, the communities within the WMO are to submit project applications to the WMO for staff level review whenever a proposed project requires a city building permit and adds 500 square feet of new impervious surface, or if a project requires a variance from local impervious surface zoning requirements for the property. And, two for projects that meet the criteria listed in section 7.0 of the 2016 WMP, full project review and comment by the MSCWMO board is required. 19 projects were reviewed in 2017 with BMP installations capturing pollutant loading of 26,911 pounds of Total Suspended Solids and 133 pounds of Total Phosphorus annually.

Community Ordinance Updates

In 2014 the MSCWMO received a Minnesota Board of Water and Soil Resources Clean Water Fund Accelerated Implementation Grant to Integrate Minimal Impact Design Standards into local controls. In 2016, at the completion of the grant, all MSCWMO with the exception of the City of Stillwater had adopted full revisions of their Stormwater and Erosion Control Ordinance to be consistent with the 2015 MSCWMO Watershed Management Plan standards.

Community Implementation of MSCWMO Performance Standards

Table 3 summarizes project reviews which were completed in the MSCWMO in 2017. All ten of the member communities Local Water Management Plans provide guidance on how to complete the MSCWMO review process. The MSCWMO review process is applied consistently in each of its ten member communities.

Table 3: 2017 Community Implementation of Performance Standard

Community	2017 Implementation of Performance Standards
City of Afton	<ul style="list-style-type: none"> ▪ County Road 21 Street Reconstruction
City of Bayport	<ul style="list-style-type: none"> ▪ Redevelopment of an Industrial Site, 201 Second Street South ▪ New Development of an Athletic Field, St. Croix Prep ▪ Street Reconstruction, 4th Avenue South and 3rd Street South ▪ Andersen Windows Water Quality Basin
Baytown Township	<ul style="list-style-type: none"> ▪ County Road 14 and County Road 24 Intersection and Pavement Reconstruction
City of Lakeland	<ul style="list-style-type: none"> ▪ Andersen Cabin Erosion Control Review, 699 Quixote Avenue
City of Lakeland Shores	<ul style="list-style-type: none"> ▪ 195 Lakeland Drive North Redevelopment ▪ 125 Lakeland Shores Road Redevelopment
City of Oak Park Heights	<ul style="list-style-type: none"> ▪ Cover Park Site Improvements and Reconstruction, 15366 58th Street North ▪ Oak Park Heights Senior Living Phase 5 New Development
City of Stillwater	<ul style="list-style-type: none"> ▪ Crosby Hotel Redevelopment ▪ Ecumen Senior Living New Development ▪ St. Croix Crossing Landscape Plans and Loop Trail Phase II ▪ Wolf Marina Erosion and Sediment Control ▪ Street and Drainage Improvements Reconstruction
City of Lake St. Croix Beach	<ul style="list-style-type: none"> ▪ Lake St. Croix Beach Levy Regrading Erosion Control
City of St. Mary's Point	<ul style="list-style-type: none"> ▪ Telecommunications Tower, 2489 Itasca Avenue New Development
West Lakeland Township	<ul style="list-style-type: none"> ▪ No projects referred to the MSCWMO in 2017 for staff level review

Information and Education Program

Shared Water Resource Educator

The MSCWMO continues to participate in the shared East Metro Water Resource Education Program (EMWREP). During 2017, EMWREP continued to use a variety of strategies to educate the general public about stormwater pollution and other issues affecting the quality of surface and groundwater resources, and to inform them about partner programs and activities. EMWREP contributed 52 press releases and news columns on a weekly basis in 2017, in addition to producing educational content for city newsletters, social media, and on-line news sites. EMWREP staff attended more than 10 community events and participated in the planning and program development for several regional water education initiatives as well.

Though the impact of these larger public education and awareness raising efforts is often hard to measure directly, we know they greatly improve the success of our targeted outreach activities and are usually the initial gateway through which people learn about EMWREP partner organizations and engage at a higher level by attending a workshop, participating in a watershed planning process, or installing a clean water project on their property.

In 2017, the watershed also completed the following activities

- Received grant funding for the Master Water Stewards program and currently has 9 stewards in training, with the expectation of recruiting 12 new stewards in 2018. Used county AIS funds to train 8 local residents at AIS Detectors.
- Provided education about groundwater and water conservation at the Washington County Fair.
- Supported 500 students in planting the Woodbury Elementary raingarden project in RWMWD

Residential Water Quality Program: EMWREP conducted public education and outreach efforts, as well as promoted watershed cost-share programs, conducted targeted outreach for neighborhood raingarden projects, and teach educational workshops for homeowners.

- In 2017, EMWREP conducted raingarden Urban Landscaping design workshops in North St. Paul, St. Paul Park, Huge, and Oakdale
- EMWREP also conducted an Open House Event to educate and gather input from residents for the Lily Lake Final 45 Project.

Stormwater U: The watershed also provided educational presentations on infiltration design for the Stormwater Pollution Prevention Design Recertification classes on February 15th, March 16th, May 18th, and October 23rd.

NEMO: The Northland NEMO program (Non-point Education for Municipal Officials) provides local elected officials and decision makers with resources and information to make informed decisions about land use and water quality in their communities. Northland NEMO is hosted by the University of Minnesota Extension and EMWREP is a partner organization.

- During 2017 the watershed collaborated with St. Croix River Association, NEMO and local partners to host the annual St. Croix River Workshop on the Water on Sept 14 for local decision makers:

The MSCWMO will continue providing funding and staff time to support EMWREP in 2018.

A full report of EMWREP activities completed in 2017 can be viewed at the following link:

<http://www.mscwmo.org/watershed-education>

Website

The MSCWMO continued to update its website in 2017. 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 developers” and “for builders” 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>

2017 Data Collection Program

Water Quality Monitoring Program

In 2017 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 stormsewer 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. The final report from the 2015 and 2016 Lily Lake Targeted Monitoring project is located on the MSCWMO website.

Full water monitoring reports can be viewed on our website. The 2017 monitoring report will be available in July of 2018.

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

2017 Projects

Construction Monitoring Program

The MSCWMO construction-monitoring program was developed to ensure that the policies and performance standards of the MSCWMO were implemented on the ground for qualifying projects. Staff continues to monitor projects, which were reviewed by the MSCWMO board. The MSCWMO

coordinates its inspection program with its member communities and their building/permit inspectors.

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 2017 116 MSCWMO projects were inspected. Utilizing MCC Crews from Clean Water Funding, over 220 hours of targeted maintenance was performed.

Groundwater

The MSCWMO continued to recognize the Washington County Groundwater Plan during 2017 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 is assisting its member communities to update their local controls. In 2017 all communities except Stillwater adopted Minimum Impact Design Standards into local ordinance and code. All communities will continue to participate in the MSCWMO's project review program.

St. Croix Beach Shoreline Stabilization

The MSCWMO collaborated with the City of Lake St. Croix Beach and the St. Croix River Association to apply bioengineering practices to 400 feet of an eroding shoreline on Lake St. Croix in 2016. In 2017 the MSCWMO installed and irrigated native vegetation, including trees along the shoreline. This project serves multiple functions: decreasing erosion during flood events, reducing shoreline damage during spring ice flow, maintaining native habitat along the river flyway, and reducing the establishment of terrestrial invasive species.

Subwatershed Implementation Program

Lake St. Croix Direct South

In 2017 the MSCWMO completed modeling, located and evaluated potential water quality best management practices, and performed a cost/benefit analysis for southern portions for the MSCWMO that directly discharge to Lake St. Croix. Work completed included ArcSWAT drainage analysis based on new LiDAR data, collection of updated drainage data from MnDOT and municipalities, field identification of culverts, ravine and gully evaluations, and WinSLAMM pollutant loading modeling. The final report will be posted on the MSCWMO in June, 2018.

Lake St. Croix Direct North

The MSCWMO received a 2015 Board of Water and Resources Clean Water Fund grant to install stormwater treatment features as prioritized in the 2014 Lake St. Croix Direct Discharge Subwatershed Analysis. In partnership with Stillwater Schools the MSCWMO contracted to construct a large bioretention basin with iron enhanced sand filters at the Stillwater Junior High School. The project, under contract to be installed in 2018, infiltrates and filtrates stormwater from a 10.75 acre watershed prior to discharging directly to Lake St. Croix.

Additionally, the MSCWO received a 2016 Board of Water and Soil Resources Clean Water Fund grant to install phase II of the prioritized stormwater retrofit projects identified in the 2014 Subwatershed Analysis. The watershed completed the design of three large curb cut bioretention basins that will be installed by the City of Stillwater in 2018. The watershed also participated in the design of a large water quality improvement basin at the Andersen Windows manufacturing facility in Bayport.

Lily Lake, Stillwater

In 2013 the MSCWMO received funding from the BWSR's Clean Water Legacy Program to fund the third phase of project implementation within the Lily Lake Subwatershed. In 2017 Greeley Gully stormwater diversion, filtration basin and gully stabilization project was 70% installed. Installation will be complete in 2018. Also in 2017 the MSCWMO received funding for Lily Lake's Stormwater Retrofit Feasibility and Design. A report identifying the practices to complete the final 45 pounds per year phosphorous reduction to Lily Lake will be published in June 2018.

Lake McKusick, Stillwater:

In 2017 the MSCWMO provided review of the proposed CSAH 5 pedestrian improvement project. The watershed will work with Washington County Transportation in 2018 for the design of water quality treatment for both phase I and phase II of this project.

Perro Creek:

In 2017 the MSCWMO provided review and installation quality control inspections for the installation of a bioretention basin in conjunction with the redevelopment of the City of Bayport Parking Lot. The parking lot area drains to Perro Creek and was identified in the 2013 Perro Creek Subwatershed analysis. In 2017 MSCWMO received funding from the BWSR's Clean Water Fund Program to fund urban stormwater quality improvement for Perro's Creek. Water quality improvements will be designed in coordination with the City of Bayport and residents in 2018.

Best Management Practices Program

The MSCWMO continued to promote its Best Management Practices Program during 2017. In 2017 5 BMP's were completed which will reduce Total Phosphorus by 10.1 pounds annually.

These projects were awarded funding in 2017:

Beth Meyer Bioretention Basins and Bluff Stabilization, Lakeland

Buffering the Beaches of St. Croix, St. Mary's Point

Nelson School Townhome Permeable Pavement, Stillwater

Lakeview Hospital Gully Stabilization, Stillwater

Riley Lake St. Croix Shoreline Native Plantings, Lakeland

2018 WORKPLAN

Best Management Practices Program

The MSCWMO will continue to promote its Best Management Practices Program in 2018. 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. The MSCWMO will continue to look for opportunities to collaborate with multiple landowners and communities to leverage additional funding and complete larger projects as part of its Best Management Practices Program.

Water Monitoring

The MSCWMO will continue water quality condition monitoring program for Lily and McKusick Lakes. The MSCWMO has hired the Washington Conservation District to complete condition monitoring activities on McKusick Lake and Lily Lake. The monitoring results from two years outfall monitoring on Lily Lake, Perro Pond, and Perro Creek was summarized in final reports that are posted on the website. The targeted outfall monitoring is enabled the MSCWMO to better target sources of phosphorous loads in both watersheds and is currently designing and planning to install practices based on this data.

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.

Comprehensive and Local Water Management Plan Assistance

The MSCWMO will continue to offer assistance to its member communities to update comprehensive plan and will review draft plan updates for consistency with the MSCWMO 2015 Watershed Management Plan.

Erosion and Sediment Control and Stormwater Management Ordinance Updates

As of 2017, the MSCWMO has worked collaboratively with 9 communities to update erosion control and stormwater ordinances. Only Stillwater has not updated ordinances. The MSCWMO will continue to work with Stillwater to accomplish these updates.

Development Plan Reviews and Erosion Monitoring 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 monitor current and past projects to ensure stormwater management features are functioning as planned. The MSCWMO will promote trainings and events that will improve performance on future projects.

Subwatershed Analyses and Implementation

The MSCWMO will work with its member communities to design and installed high priority water quality improvement projects identified in the five current subwatershed analyses.

Website Update and Maintenance

The MSCWMO continues to update and maintain its website.

APPENDIX A

2017 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 Mike Isensee, Administrator of the MSCWMO at misensee@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 Mike Isensee, Administrator of the MSCWMO at misensee@mnwcd.org or Council Member Patrick McGann, the City appointed Board Manager on the watershed, at 651-275-4404.

BAYTOWN TWP

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 Mike Isensee, Administrator of the MSCWMO at misensee@mnwcd.org or Township Board Member John Fellegly, the Township appointed Board Manager on the watershed, at 651-275-2200.

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

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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 Mike Isensee, Administrator of the MSCWMO at misensee@mnwcd.org or Council Member 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 Mike Isensee, Administrator of the MSCWMO at misensee@mnwcd.org or Mayor 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 Mike Isensee, Administrator of the MSCWMO at misensee@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 Mike Isensee, Administrator of the MSCWMO at misensee@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 St. Croix. The MSCWMO provides educational, technical, and financial assistance to the City of St.

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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 Mike Isensee, Administrator of the MSCWMO at misensee@mnwcd.org or Council Member Nancy Anderson, the City appointed Board Manager on the watershed, at 651-436-7157.

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 Mike Isensee, Administrator of the MSCWMO at misensee@mnwcd.org or Council Member Doug Menikeim, the City appointed Board Manager on the watershed, at 612-382-4929.

WEST LAKELAND TWP

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 Mike Isensee, Administrator of the MSCWMO at misensee@mnwcd.org or Board Member Dan Kylo, the Township appointed Board Manager and Treasurer for the watershed, at 612-436-1134.

APPENDIX B

Biennial Evaluation

MSCWMO Biennial Evaluation 2017

A= Target Met; B= Target Partially Met; C= Target Not Met

Goal/Objective 5.1 Water Quality-Protect and improve water quality in the Middle St. Croix watershed through the treatment and control of stormwater runoff.				
Planned Actions or Results		Proposed Timeframe	Accomplishments to Date	Progress Rating
S1	Apply for grants to augment local funds to address the nutrient load reductions identified in the Lake St. Croix Total Maximum Daily Load (TMDL), and prioritized practices identified in the Lake St. Croix Direct Discharge prioritized subwatershed analyses.	2015-2025	2016: Lake St. Croix Direct Discharge Stormwater Retrofit Phase II – \$151,500	A
S1	Apply for grants to augment local funds to address the nutrient load reductions identified in the Lake St. Croix Total Maximum Daily Load (TMDL), and prioritized practices identified in the Perro Creek prioritized subwatershed analyses.	2017-2024	2017: Perro Creek Urban Stormwater Quality Improvements – \$63,000	A
S1	Apply for grants to augment local funds to address the nutrient load reductions identified in the Lake St. Croix Total Maximum Daily Load (TMDL), and prioritized practices identified in the Lake McKusick subwatershed analyses.	2015	2015: Lake McKusick Subwatershed Analysis	A
S1	Apply for grants to augment local funds to address the nutrient load reductions identified in the Lake St. Croix Total Maximum Daily Load (TMDL), and prioritized practices identified in the Lily Lake subwatershed analyses.	2017-2020	2017: Lily Lake Stormwater Retrofit Feasibility and Design to Achieve State Water Quality Standards – \$58,000	A

S2	Inventory and evaluate outlets directly discharging to Lake St. Croix to further identify and prioritize practices to meeting the Lake St. Croix TMDL.	2017	In 2014 the MSCWMO completed Lake St. Croix Direct Discharge Subwatershed Analysis. The analysis prioritized projects in the catchments of Oak Park Heights, Stillwater and Bayport that drain directly to Lake St. Croix without treatment. In 2016 the MSCWMO will continue to work collaboratively with its member communities to identify, design and install water quality retrofit projects identified in the Subwatershed Analysis.	A
S3	Review projects and development plans to evaluate compliance with the MSCWMO Watershed Management Plan.	2015-2025	2016 19 projects were reviewed & 2017 18 projects were reviewed	A
S4	Utilize a checklist of site design practices for developers that promote site design practices such as impervious surface disconnect, reduced impervious surfaces, the use of buffer strips along receiving waters and drainage swales, to achieve compliance with the water quality performance standards.	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S5	Work with local governments and state agencies to implement Minimal Impact Design Standards in order to provide clear, flexible and consistent new development and redevelopment stormwater standards.	2015-2016	In 2014 the MSCWMO received a Minnesota Board of Water and Soil Resources Clean Water Fund Accelerated Implementation Grant to Integrate Minimal Impact Design Standards into local controls. In 2016, at the completion of the grant, all MSCWMO with the exception of the City of Stillwater had adopted full revisions of their Stormwater and Erosion Control Ordinance to be consistent with the 2015 MSCWMO Watershed Management Plan standards.	A-
S6	Develop and adopt a simplified review process and guidance and application materials to meet performance standards for minor subdivisions undertaking grading, filling, or other land alteration activities that are less than one acre and which trigger a review by the MSCWMO.	2015	http://www.mscwmo.org/for-builders	A

S7	Provide technical support to member communities to achieve water quality goals such as assisting with construction inspections and providing technical recommendations and resources.	2015-2025	2016 & 2017 The MSCWMO construction-monitoring program was implemented to ensure that the policies and performance standards of the MSCWMO were benignly installed on approved projects. Staff continues to monitor projects, which were reviewed by the MSCWMO board. The MSCWMO coordinates its inspection program with its member communities and their building/permit inspectors.	A
S8	Collaborate with member communities, Washington County and the Washington Conservation District to prioritize and target conservation practices, pursue grant application opportunities to install prioritized and targeted best management practices (BMPs).	2015-2025	The MSCWMO designed and installed (or is in the process of installing) the following projects in partnership with local units of government: Oak Park Heights Area D bioretention basins, Washington County Transportation CSAH 23 wet pond and filtration basin in Oak Park Heights, Lake St. Croix Beach South Beach Shoreline Restoration, Stillwater Schools Iron Enhanced Sand Filter, Stillwater Schools Curb Cut Bioretention Basin, Lily Lake Greeley Gully Stabilization Project, St. Croix Prep Academy 8 Acre Prairie Restoration in Bayport, Perro Creek Parking Lot Bioretention Basin in Bayport, St. Mary's Church Curb Cut Bioretention Basin in Stillwater,	A
S9	Promote voluntary water quality best management practices by providing on-site consultation, design assistance, and cost share.	2015-2025	2016: 8 BMPs were installed. 2017: 6 BMPs were installed. The MSCWMO worked with the City of Lake St. Croix Beach and the St. Croix River Association to stabilize an eroding shoreline on Lake St. Croix. The MSCWMO will continue to promote its Best Management Practices Program. A total of \$45,359 of the 2016 and 2017 budget was been dedicated to both cost-share and technical assistance.	A
S10	Support communities to implement MS4 requirements and track, inspect and maintain water quality improvement practices so they provide their designed benefits.	2015-2025	2016: The watershed supported EMWREP development and distribution a set of ten 10-minute PowerPoint presentations for municipal staff monthly meetings. The presentations covered training topics included under Minimum Control Measure 6 of the MS4 permit. In 2016 & 2017 BMPs were tracked using Mapfeeder, inspected during regular BMP inspections, and maintenance using the WCD Maintenance Crew and MCC crews.	A

Goal/Objective 5.2				
Water Quantity-Minimize existing and future potential damages to property, public safety, and water resources due to flood events.				
Planned Actions or Results		Proposed Timeframe	Accomplishments to Date	Progress Rating
S11	Require project applicants perform hydrologic studies that analyze the 2-, 10- and 100-year rainfall event based on Atlas 14 precipitation frequency events, with the critical duration defined as that event causing either the highest water surface elevation or the largest peak discharge in an area or both.	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S12	Require that new development and redevelopment areas be limited to the predevelopment or existing rate of runoff or to a rate within the capacity of downstream conveyance systems, whichever is less, and prohibit an increase in the volume or rate of runoff from areas where natural outlets do not exist.	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S13	Require that in sub-areas of a landlocked watershed, new and redevelopment shall not increase the predevelopment volume or rate of discharge from the sub-area for the 10-year return period event.	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S14	Require that project applicants secure any flowage easements that would be required to accommodate the stormwater management facilities. These easements shall be granted up to the 100-yr flood level.	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S15	Require that applicants provide the MSCWMO with 100-year flood levels on the ponds, lakes, and streams prior to development as part of the	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A

	application process.			
S16	Support and promote the implementation of the Washington County Floodplain Regulations through project review process.	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S17	Collaborate with local, state and federal governments to identify, prioritize, fund and install projects and practices that minimize existing and future potential damages to property, and water resources due to flooding.	2015-2025	There has not been work completed in the first two years of implementation to identify, prioritize, or fund efforts to prevent future flooding.	C

Goal/Objective 5.3				
Erosion and Sediment Control-Prevent erosion and subsequent sedimentation from surface runoff within the watershed on construction sites; agricultural lands; and along stream banks, lakeshores, and roadsides.				
Planned Actions or Results		Proposed Timeframe	Accomplishments to Date	Progress Rating
S18	Require both temporary (during construction) and permanent (long-term) erosion control for developing or redeveloping land in MSCWMO undertaking grading, filling, or other land alteration activities involving the movement of over 100 cubic yards of earth or removal of vegetation on greater than 10,000 square feet of land.	2015-2025	The MSCWMO website contains a tab “for developers” and “for builders” which provides all necessary information on the MSCWMO’s project review process, requirements for erosion and sediment control, and limitations on where development can occur due to sensitive land areas http://www.mscwmo.org/	A
S19	Require a stormwater pollution prevention plan (SWPPP) compliant with the most recent version of the NPDES/SDS Construction Stormwater (CSW) General Permit for all projects undertaking grading, filling or other land alteration activities 1 acre or greater.	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S20	Implement a simplified erosion and sediment control review process for all minor subdivisions undertaking grading, filling, or other land alteration activities that are less than one acre and trigger a review by the MSCWMO.	2015	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S21	Require and inspect proper temporary and permanent erosion and sediment control throughout the watershed to prevent nuisance conditions, erosion in receiving channels or on down slope properties, and inundation of wetlands.	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S22	Require vegetated buffers for projects adjacent to water bodies.	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A

S23	Require buffers and prohibit construction on steep slopes and bluffs	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S24	Require land use alteration and construction setback from the top of bluffs.	2015-2025	http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A
S25	Identify, evaluate, prioritize, and seek funding for gully stabilization opportunities to reduce sediment and phosphorous discharges to water resources.	2017-2020	2016: The MSCWMO worked collaboratively with the City of Lake St. Croix Beach and the St. Croix River Association to stabilize an eroding shoreline on Lake St. Croix. 2017: MSCWMO re-evaluated gullies identified in the 2006 Gully Inventory as part of the Lake St. Croix Direct Discharge South Subwatershed Analysis.	A

Goal/Objective 5.4				
Monitoring-Collect monitoring data needed to understand the quality of major water bodies, identify problems and determine appropriate practices and management practices.				
Planned Actions or Results		Proposed Timeframe	Accomplishments to Date	Progress Rating
S26	Conduct water quality monitoring of lakes in cooperation with municipalities, Washington County, and state agencies as appropriate to establish water quality goals, target the implementation of best management practices and improvement projects, and evaluate progress toward water quality goals.	2015-2025	The MSCWMO continues to conduct water quality condition monitoring program for Lily and McKusick Lakes.	A
S27	Support lake and stream volunteer monitoring efforts.	2015-2025	The MSCWMO promotes volunteer monitoring for Perro Pond and Perro Creek, but there has not been interest to date. The remaining water bodies are monitored by the Washington Conservation District through an agreement with the WMO.	A
S28	Create and distribute an annual Water Quality Monitoring Report that summarizes monitoring data collection, analysis and results.	2015-2025	Water quality monitoring reports are posted on the MSCWMO website after board approval. http://www.mscwmo.org/water-quality	A

Goal/Objective 5.5				
Wetlands-Manage the quantity and quality of wetlands, in conformance with the Minnesota Wetland Conservation Act (WCA) and Water Quality Standards Rules (Minnesota Rules 8420 and 7050).				
	Planned Actions or Results	Proposed Timeframe	Accomplishments to Date	Progress Rating
S29	Review all WCA applications in the MSCWMO	2015-2025	Reviewing WCA applications and projects for MSCWMO wetland requirements is included in project review and inspections standards.	A
S30	Require wetland performance standards in this plan that may parallel and/or exceed the WCA performance standards.	2015-2025	See above	A
S31	Require the submission of all permits prior to starting work that impacts a wetland or its required buffer.	2015-2025	See above	A
S32	Require thorough consideration and documentation of alternatives presented to justify wetland impacts; all projects shall be designed with minimal wetland impact. The pre-existing wetland functions will be taken into account as alternatives are considered.	2015-2025	See above	A
S33	Require applicants to provide wetland type and a wetland delineation, using a methodology approved by BWSR; any inventories or ranking assessments completed by the MSCWMO are for preliminary purposes only.	2015-2025	See above	A
S34	Require applicants to provide a functional assessment when necessary.	2015-2025	See above	A

S35	Require evaluation of the effect of bounce from treated stormwater input per State of Minnesota Stormwater Advisory Group's guidelines for wetland susceptibility in the publication Stormwater and Wetlands: Planning and Evaluation for Addressing Potential Impacts of Urban Storm-Water and Snow-Melt runoff on Wetlands available from the MPCA.	2015-2025	See above	A
S36	Require review and evaluation of changes to the hydrology of the wetland (i.e. changes to the outlet elevation or contributing drainage area) for both the existing and proposed wetland conditions.	2015-2025	See above	A
S37	Require wetland buffers based on wetland categories in the MSCWMO Performance Standards.	2015-2025	See above	A

Goal/Objective 5.6				
Groundwater-Collaborate to protect the quantity and quality of groundwater resources.				
	Planned Actions or Results	Proposed Timeframe	Accomplishments to Date	Progress Rating
S38	Collaborate with Washington County to implement the actions of the 2014-2024 Groundwater Plan including considering well head protection areas and separation of infiltration areas during project reviews and enforcing State required setbacks.	2015-2025	2016 and 2017 participated in the County wide technical advisory committee to prioritize implementation and identify responsible parties for specific activities. Continued to participate in the North and East Metro Groundwater Management Plan Stakeholder Input Process. Continue to apply infiltration standards and setbacks identified by the Department of Health as part of the project review process. Continue to promote the low interest septic loan program and the well sealing program.	A
S39	Support Washington County to identify, prioritize and address failing septic systems.	2015-2025	The MSCWMO continues to promote the Washington County low interest loan program and supports their work refining tracking and evaluation of septic systems and identified in the County Groundwater Plan.	A
S40	Encourage member communities to adopt well head protection programs.	2015-2025	The MSCWMO continues to provide support for local well head protection planning efforts.	A
S41	Collaborate with Washington Conservation District and Washington County to identify and seal abandoned wells.	2015-2025	During on site visits, the MSCWMO inquires if any abandon wells are located on the property and promotes the Washington County well sealing program.	A
S42	Identify and prohibit activities during the review process that may negatively impact groundwater	2015-2025	The review MSCWMO check list includes MPCA evaluation criteria for siting infiltration facilities: http://www.mscwmo.org/wp-content/development-review/7_Review_Checklist.pdf	A

S43	Collaborate with member communities, Washington County and other agencies on the development and adoption of policies on the quantity of water used in areas where existing wells and/or groundwater dependent natural resources could be negatively impacted by overuse of groundwater. Negative impacts include reduced flow to surface water bodies, lowering of lake or wetland levels, or interference with other wells.	2015-2025	MSCWMO participates in the Washington County Groundwater Plan Technical Panel and attends the North and East Groundwater Advisory Team meetings. In 2016 member community ordinance updates included Minnesota Dept. of Health restrictions for infiltration facilities locations could negatively impact groundwater.	A
S44	Provide education to citizens and public officials on the inter-relation of surface and groundwater quality and quantity; the value of and need to protect groundwater recharge areas and wetlands; and implementation of best management practices and low-impact development and redevelopment strategies to protect groundwater resources.	2015-2025	In 2016 and 2017 East Metro Water Resource Education Program has focused outreach efforts. More details are located in their 2016 and 2017 Annual Report http://www.mnwcd.org/emwrep-partners	A
S45	Require infiltration of stormwater per MSCWMO performance standards to promote low impact development that mimics natural hydrology and recharges groundwater	2015-2025	The MSCWMO Standards, and 9 out of 10 member community standards include the MIDS volumetric control standards.	A+

Goal/Objective 5.7				
Habitat and Recreation-Maintain or improve habitats by implementing protection or restoration measures that consider ecological functions as well as recreation, human health, safety, and welfare.				
	Planned Actions or Results	Proposed Timeframe	Accomplishments to Date	Progress Rating
S46	Promote habitat preservation and restoration within the watershed when reviewing projects or completing MSCWMO projects.	2015-2025	The BMP projects include native plantings which increase habitat. • 2006: St. Croix Prep Academy Native Prairie Restoration (TP: 2.4): A 6 acre native prairie restoration in the Perro Pond subwatershed catchment. The prairie was hand seeded by 1,100 students.	A
S47	Collaborate with other entities (e.g., agencies, lake associations, cities, Washington County) to manage and prevent the spread of aquatic invasive species; MSCWMO services may include point-intercept surveys of aquatic vegetation, feasibility studies, technical analysis, education, exploring funding options, and applying for grants. The MSCWMO will not manage increased growths of native aquatic vegetation resulting from improved water quality.	2015-2025	In 2016 and 2017 the MSCWMO provided technical assistance to the City of Lake St. Croix Beach and two landowners for the removal and control of invasive species along the bluffs of Lake St. Croix. The WMO also supports the boat launch monitoring program conducted by Washington Conservation District Staff in coordination with Washington County Watersheds.	A
S48	Cooperate with the Minnesota Department of Natural Resources and other entities, as requested, to protect rare and endangered species under the State's Endangered Species Statute.	2015-2025	The MSCWMO has not received any requests from the MDNR or other entities to protect rare and endangered species within the watershed.	A
S49	Promote the protection and restoration of natural and native shoreland areas, including the preservation of lakeshore and stream bank vegetation, and the establishment and maintenance of buffers adjacent to priority water bodies.	2015-2025	Promotion of voluntary BMP's through cost share assistance	A

S50	Encourage landowners to protect, restore, or improve degraded native habitats including shoreland, uplands, bluff lands, wetlands, streambanks, and prairies for the benefit of fish, wildlife and water quality.	2015-2025	Promotion of voluntary BMP's through cost share assistance	A
P15	Consider designs for projects located in close proximity to waterbodies or natural areas to increase beneficial habitat, wildlife and recreational uses.	2015-2025	Continue to provide technical assistance to landowners with bluff property on the St. Croix for stability and habitat. In 2016 and 2017 the MSCWMO provided cost share for 5 projects on privately owned bluff properties.	A

Goal/Objective 5.8				
Education-Increase the knowledge and understanding of watershed residents, government officials and staff, consultants and developers to encourage actions which improve water quality, water quantity, wetlands and natural resource protection.				
	Planned Actions or Results	Proposed Timeframe	Accomplishments to Date	Progress Rating
S51	Collaborate with the East Metro Water Resource Education Program to build awareness about the impacts of non-point source pollution on local lakes, rivers, streams, wetlands and groundwater resources and engage stakeholders (watershed residents, government officials and staff, consultants, and developers) in the recognition and implementation of water resource management policies, programs and practices.	2015-2025	2016: EMWREP contributed 54 press releases and news columns to 18 area newspapers, in addition to producing educational content for city newsletters, social media, and on-line news sites. EMWREP staff attended more than 20 community events and participated in the planning and program development for several regional water education initiatives as well. Also provided education about groundwater and water conservation at the Washington County Fair. 2017 Community landscaping workshops	
S52	Promote the use of native plants, raingardens and shoreline plantings to reduce runoff pollution and conserve groundwater resources through Blue Thumb – Planting for Clean Water® workshops, or equivalent programs.	2015-2025	2016: EMWREP conducted raingarden Urban Landscaping design workshops in Lake Elmo and coordinated a neighborhood party in Lakeland.	
S53	Conduct tailored outreach to commercial, residential, and rural landowners to facilitate project implementation in priority areas.	2015-2025	2016: Concluded outreach to landowners in the prioritized catchment SD-3 of the Lake St. Croix. EMWREP conducted raingarden Urban Landscaping design workshops in Lake Elmo and coordinated a neighborhood party in Lakeland.	
S54	Offer technical workshops for staff from local units of government – public works, engineers, planners and consultants on water resource related topics.	2015-2025	2016: MSCWMO coordinated with the University of Minnesota Erosion and Stormwater Management Certification Programs to provide a Regulatory Inspectors Training on May 17th. The watershed also provided educational presentations on infiltration design for the Stormwater Pollution Prevention Design Recertification classes on March 29th, April 7th, and April 15th. On April	

			28, 2016 the MSCWMO met with member community Building Inspectors to review watershed erosion and sediment control standards.	
S55	Provide training and education to local land use councils and staff on how they can accommodate growth while protecting and improving local water resources.	2015-2025	Through support of EMWREP	
S56	Regularly publish water education related blogs, social media and newspaper articles.	2015-2025	2016: EMWREP contributed 54 press releases and news columns to 18 area newspapers, in addition to producing educational content for city newsletters, social media, and on-line news sites	
S57	Promote educational messaging for public projects in public spaces	2015-2025	Through support of EMWREP	

Goal/Objective 5.9				
Administration- MSCWMO is an efficient, well organized, and proactive organization that collaboratively prioritizes and manages water resources with member communities and other government jurisdictions.				
	Planned Actions or Results	Proposed Timeframe	Accomplishments to Date	Progress Rating
S58	Maintain efficient water management programs where existing local units of governments remain the primary regulators and refer projects to the MSCWMO for investigation, comments and recommendations based on the MSCWMO's performance standards of this Plan.	2015-2025	All projects that meet or exceed the project review triggers are reviewed by the MSCWMO and do not receive permits from local units of government until MSCWMO Performance Standards are met.	A
S59	Regularly review and revise project review fees, application materials and guidance.	2015-2025	All projects that meet or exceed the project review triggers are reviewed by the MSCWMO and do not receive permits from local units of government until MSCWMO Performance Standards are met.	A
S60	Meet or exceed the requirements of the MN Board of Water and Soil Resource's Performance Review and Assistance Program and the Metropolitan Surface Water Management Act regarding the management of a watershed management organizations including submitting annual reports and audits, biennially implementation plan reports, 5-year implementation plan update, and plan amendments, as needed.	2015-2025	All reporting requirements have been satisfied since the adoption of the 2015 MSCWMO Watershed Management Plan.	A
S61	Seek opportunities to form and use a citizen advisory committee (CAC) to complete meaningful finite or ongoing tasks of the MSCWMO and to advise the MSCWMO on projects and programs, as needed.	2015-2025	The MSCWMO has convened and maintained a CAC for the development and implementation of the Lily Final 45 feasibility study and the Stillwater Adopt A Raingarden Program.	A

S62	Maintain a technical advisory committee (TAC) to promote communication and cooperation between the MSCWMO and member cities.	2015-2025	The MSCWMO meets annually with all technical staff of each of the 10 member communities.	A
S63	Meet or exceed the criteria of the Washington County Governance Study (April 16, 2002 or as amended).	2015-2025	Administrative structures, reporting, and meeting attendance have been conducted in accordance to the Washington County Governance Study.	A
S64	Biennially evaluate this Plan's implementation by the MSCWMO and member communities and present the implementation of strategies and policies in a report.	2015-2025	The first biennial evaluation is complete and results shared with each appointed board manager of the MSCWMO as well as published in the annual report.	A
S65	Maintain a website with MSCWMO meeting agendas, minutes, Watershed Management Plan, and focused articles on MSCWMO activities.	2015-2025	The MSCWMO continued to update its website. 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.	A
S66	Represent the MSCWMO at state, county and city meetings, as requested, to maintain collaborative and efficient governance.	2015-2025	The MSCWMO is represented at meetings as requested	A
S67	Keep member communities informed of water related issues and programs.	2015-2025	The MSCWMO keeps member community staff and local elected officials informed of water related issues through monthly board meeting and frequent emails and meetings with staff. EMWREP also sends weekly articles to local papers and communities for inclusion into newsletters.	A