MIDDLE ST. CROIX WATERSHED MANAGEMENT ORGANIZATION

2011 ANNUAL REPORT

St. Croix Savanna Scientific and Natural Area, Bayport, MN
Photographed by Ken Arndt

Prepared by:
MIDDLE ST. CROIX WMO BOARD OF MANAGERS
APPROVAL DATE: MARCH 8TH, 2012
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INTRODUCTION

The Middle St. Croix watershed 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 2011 representatives from each participatory community are listed below.

Randy Nelson  
105 Stagecoach Trail South  
Afton, MN 55001  
651.436.8957

Cindie Reiter  
16455 20th St. South  
Lake St. Croix Beach, MN 55043  
651-491-2758

Brian Zeller  
16616 11th Street N  
Lakeland, MN 55043  
612.325.3038

Nancy Jacobson  
2900 Itasca Ave.  
St. Mary’s Point, MN 55043  
651.436.7157

David Beaudet  
6400 Lookout Trail  
Oak Park Heights, MN 55082  
651.439.2582

Ron Fredkove  
4220 Osgood Ave North  
Baytown Twp., MN 55082  
651.430.4992

Mike Polehna  
1100 Northland Ave. N  
Stillwater, MN  
651.430.8375

Todd McClarty  
111 Quinlan Ave. S  
Lakeland Shores, MN 55043  
651.337.1537

Dan Kyllo  
1891 Oldridge Trail North  
West Lakeland Township, MN 55082  
651.436.1134

Susan St. Ores  
294 North Third St.  
Bayport, MN 55003  
651-275-4404

MSCWMO CONTRACT SUPPORT STAFF

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

Administrator  
Amy Carolan  
Washington Conservation District  
1380 West Frontage Road  
Highway 36  
Stillwater, MN 55082  
651.275.1136 Ext. 22

Attorney  
Charles L. LeFevere  
470 Pillsbury Center  
200 South Sixth Street  
Minneapolis, MN  55402  
612.337.9215  
clefevere@kennedy-graven.com

Recording Secretary  
Shari Larkin  
5174 207th St. Ln  
Forest Lake, MN 55025  
651.247.7303  
Shari.Larkin@mnwcd.org
Table 1: 2011 Budget (Adopted December 9th, 2010)

<table>
<thead>
<tr>
<th>Administration Budget</th>
<th>Community Contributions</th>
<th>Reserve</th>
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<tr>
<td>Administration – General $26,500</td>
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<td>Accounting $1,500</td>
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<td>Audit $1,700</td>
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<td>Insurance &amp; Bonds $3,000</td>
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<td>Office supplies/equipment/postage $750</td>
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<td><strong>Subtotal</strong></td>
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<table>
<thead>
<tr>
<th>Project</th>
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</thead>
<tbody>
<tr>
<td>Project contingency $2,000</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Engineering – Project $2,000</td>
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<td>Development Plan Reviews $6,000</td>
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<td>BMP Program Cost Share Grants $13,000</td>
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<td></td>
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<tr>
<td>Water Resource Educator $5,000</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Website $1,000</td>
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<td></td>
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<tr>
<td>Water Monitoring $13,500</td>
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<tr>
<td>2014 WMP Update $10,000</td>
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<tr>
<td><strong>Subtotal</strong></td>
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<tr>
<td><strong>Total – 2009 Budget</strong></td>
<td><strong>$102,500</strong></td>
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AUDIT REPORT

James Maiser, Certified Public Accountant & Consultant, completed an audit of the financial management of the WMO for the year 2010. 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, 2010 were in conformity with accounting principals generally accepted in the United States of America.
### Table 2: 2012 Budget – Adopted August 11th, 2011

<table>
<thead>
<tr>
<th>Administration Budget</th>
<th>Community Contributions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>$ 1,500</td>
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<tr>
<td>Administration</td>
<td>$ 26,500</td>
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<tr>
<td>Audit</td>
<td>$ 1,700</td>
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<tr>
<td>Insurance</td>
<td>$ 3,000</td>
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<tr>
<td>Legal Fees, General</td>
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<td>Minutes/Clerical</td>
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<td>Copying/printing</td>
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<tr>
<td>Office Postage, Supplies</td>
<td>$ 750</td>
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<td><strong>Subtotal</strong></td>
<td><strong>$ 36,200</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Project Budget</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Contingency</td>
<td>$ 2,000</td>
</tr>
<tr>
<td>Engineering - Project</td>
<td>$ 2,000</td>
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<tr>
<td>Development Plan Reviews</td>
<td>$ 4,000</td>
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<td>Erosion Monitoring Program</td>
<td>$ 2,300</td>
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<tr>
<td>BMP Program Tech. Assistance</td>
<td>$ 13,000</td>
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<tr>
<td>BMP Program Cost Share</td>
<td>$ 13,500</td>
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<tr>
<td>Water Resource Educator</td>
<td>$ 5,000</td>
</tr>
<tr>
<td>Website</td>
<td>$ 1,000</td>
</tr>
<tr>
<td>Water Monitoring</td>
<td>$ 13,500</td>
</tr>
<tr>
<td>2014 WMP Update</td>
<td>$10,000</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>$ 66,300</strong></td>
</tr>
</tbody>
</table>

**TOTAL**                                    **$ 102,500**

<table>
<thead>
<tr>
<th>2012 Grant Funding Secured</th>
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<tbody>
<tr>
<td>To date</td>
<td>Total Dollars</td>
</tr>
<tr>
<td>BWSR Clean Water Fund (Lily Lake)</td>
<td>$40,000.00</td>
</tr>
<tr>
<td>BWSR Clean Water Fund (McKusick Lake)</td>
<td>$35,000.00</td>
</tr>
<tr>
<td>BWSR Clean Water Fund (DiaSorin, Valley Ridge Mall)</td>
<td>$194,400.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$269,400.00</strong></td>
</tr>
</tbody>
</table>
The MSCWMO Watershed Management Plan (WMP) was completed and approved in May 2006. As a part of the review and approval process, the Joint Powers Agreement to Protect and Manage the Middle St. Croix Watershed (JPA) was updated in late 2005 and signed by member communities in early 2006.

**2011 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 6.2.1 of the 2006 WMP, full project review and comment by the MSCWMO board is required.

**COMMUNITY IMPLEMENTATION OF MSCWMO PERFORMANCE STANDARDS**

The MSCWMO Watershed Management Plan requires that each community within the watershed provide a report summarizing the projects (variances, building and grading permits) within their respective community and the application of the MSCWMO performance standards in regards to these projects. Table 3 summarizes the staff level project reviews which were completed in the MSCWMO in 2011. All ten of the member communities have completed their Local Water Management Plans, which provides guidance on how to complete the MSCWMO review process. The MSCWMO review process is now being applied consistently in each of its ten member communities.
Table 3: 2011 Community Implementation of Performance Standard – staff level review

<table>
<thead>
<tr>
<th>Community</th>
<th>2011 Implementation of Performance Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Afton</td>
<td>No MSCWMO staff level review</td>
</tr>
<tr>
<td>City of Bayport</td>
<td>2011 Street Improvement Project</td>
</tr>
<tr>
<td>Baytown Township</td>
<td>Staff level preliminary review of Osgood Avenue Street Improvements Project, subject to full review in 2012</td>
</tr>
<tr>
<td>City of Lakeland</td>
<td>1175 Quinlan Ave S – drainage plan review only</td>
</tr>
<tr>
<td></td>
<td>780 Quixote Ave. Lakeland – home addition</td>
</tr>
<tr>
<td></td>
<td>1485 Rivercrest Rd, Lakeland – septic system</td>
</tr>
<tr>
<td></td>
<td>16670 7th St, Lakeland – tram installation</td>
</tr>
<tr>
<td>City of Lakeland Shores</td>
<td>No MSCWMO staff level review</td>
</tr>
<tr>
<td>City of Oak Park Heights</td>
<td>No MSCWMO staff level review</td>
</tr>
<tr>
<td>City of Stillwater</td>
<td>No MSCWMO staff level review</td>
</tr>
<tr>
<td>City of Lake St. Croix Beach</td>
<td>No MSCWMO staff level review</td>
</tr>
<tr>
<td>City of St. Mary's Point</td>
<td>2787 Itasca Ave – home reconstruction</td>
</tr>
<tr>
<td></td>
<td>2870 Itasca Ave – home reconstruction</td>
</tr>
<tr>
<td>West Lakeland Township</td>
<td>No MSCWMO staff level review</td>
</tr>
</tbody>
</table>

MSCWMO IMPLEMENTATION OF PERFORMANCE STANDARDS

Each community refers projects qualifying for full review to the MSCWMO and adopts the MSCWMO review comments into the community comments for these projects. Table 4 summarizes the projects where full review occurred in 2011.

Table 4: 2011 MSCWMO Implementation of Performance Standards

<table>
<thead>
<tr>
<th>Community</th>
<th>Projects where full MSCWMO review occurred in 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Afton</td>
<td>No projects referred to the MSCWMO in 2011</td>
</tr>
<tr>
<td>City of Bayport</td>
<td>No projects referred to the MSCWMO in 2011</td>
</tr>
<tr>
<td>Baytown Township</td>
<td>No projects referred to the MSCWMO in 2011</td>
</tr>
<tr>
<td>City of Lakeland</td>
<td>No projects referred to the MSCWMO in 2011</td>
</tr>
<tr>
<td>City of Lakeland Shores</td>
<td>No projects referred to the MSCWMO in 2011</td>
</tr>
<tr>
<td>City of Oak Park Heights</td>
<td>Dairy Queen</td>
</tr>
<tr>
<td></td>
<td>Tire Proz Redevelopment Project</td>
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<tr>
<td>City of Stillwater</td>
<td>Stage 3A Flood Improvements Project</td>
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<td></td>
<td>2011 Street Improvements Project</td>
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<td></td>
<td>Stillwater Early Childhood Family Center</td>
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<tr>
<td></td>
<td>Lowell Park Pedestrian Walkway Improvements</td>
</tr>
<tr>
<td>City of Lake St. Croix Beach</td>
<td>No projects referred to the MSCWMO in 2011</td>
</tr>
<tr>
<td>City of St. Mary's Point</td>
<td>No projects referred to the MSCWMO in 2011</td>
</tr>
<tr>
<td>West Lakeland Township</td>
<td>No projects referred to the MSCWMO in 2011</td>
</tr>
</tbody>
</table>
INFORMATION AND EDUCATION PROGRAM

SHARED WATER RESOURCE EDUCATOR

The MSCWMO continues to participate in the shared East Metro Water Resource Educator Program (EMWREP). Through this program a variety of water resource education events and trainings are provided to interested residents, LGU officials, and professionals within the MSCWMO. In 2011, the EMWREP offered a variety of trainings and programs including a Blue Thumb Workshop in Stillwater, a guided tour on the St. Croix River for elected officials, a tour of stormwater management features in the St. Croix Valley Garden Tour, and started a “save the fish” campaign. In addition to workshops, the EMWREP also provides written articles and other outreach material to local papers and newsletters, EMWREP representatives also put up displays at many local events.

The MSCWMO signed a five-year contract with the EMWREP in 2008. EMWREP activities will continue in the MSCWMO until at least 2012.

A full report of EMWREP activities completed in 2011 can be viewed at the following link:


WEBSITE

In 2011, the MSCWMO completed a major website update. The website is now live and up to date and contains meeting dates, agendas, minutes, annual reports, water monitoring information, contact information and more. In addition, the website also contains a photograph gallery of recently completed projects, a section for grant reporting which highlights projects completed as part of the BWSR Clean Water Legacy Program, and allows interested residents and agencies to view monthly board packets online. The website also contains a tab “for developers” which provides all necessary information on the MSCWMO’s project review process. The new MSCWMO website can be viewed at the following link:

http://www.mscwmo.org

2011 DATA COLLECTION PROGRAM

INTEGRATED WATER QUALITY MONITORING PROGRAM

In 2011 the Middle St. Croix Watershed Management Organization (MSCWMO) monitored water quality and elevation on McKusick Lake, only water quality on Brick Pond, and only elevation on Lily Lake and Perro Pond. Discharge and water quality were monitored on Perro Creek, and only water quality at Meadowlark Drive and Myrtle Street, the tributary between Lily Lake and McKusick 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.
Water quality parameters are typically monitored on Lily Lake by volunteers. In 2011, the volunteer monitoring group did not complete water quality monitoring. The MSCWMO is currently looking for replacement volunteers, and considering hiring the Washington Conservation District to complete monitoring activities in 2012.

2011 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.

GROUNDWATER

The MSCWMO continued to recognize the Washington County Groundwater Plan during 2011. The MSCWMO also appointed MSCWMO Manager, Brian Zeller (Lakeland) to the County Groundwater Advisory Committee in October in 2011. Mr. Zeller will participate in the County’s update to the County Groundwater Plan beginning in 2012.

LOCAL GOVERNMENT MANAGEMENT PLANS

The MSCWMO continued to work with its member communities to update and implement their local water management plans. By December of 2011, all ten member communities had completed final drafts of their Local Water Management Plans.

AFTON LAKELAND GULLY MONITORING

The MSCWMO continued to monitoring and make improvements to the large-scale gully stabilization project in Afton and Lakeland. The final inspection of the gully was completed in 2011. A minor issue at the base of the gully was identified and addressed by Minnesota Native Landscapes in the spring of 2011. The MSCWMO issued the final close-out payment to Veit and Company in summer of 2011. The project is now considered complete by the MSCWMO, but will continue to be monitored in future growing seasons.

MCKUSICK LAKE SUBWATERSHED IMPLEMENTATION PROGRAM

In 2011, the MSCWMO received a grant from the St. Croix River Association to complete installation of stormwater treatment features in areas that ultimately drained to the St. Croix River. Following recommendations outlined in the 2010 McKusick Lake Subwatershed Assessment, the MSCWMO worked with the City to install five infiltration features on Amundson Drive in Stillwater and one infiltration feature on Meadowlark Drive in Stillwater. The City participated in this project by installing curb cuts as part of the street reconstruction project to allow stormwater to leave the City streets and enter the infiltration features in the City right-of-way. A more detailed report on this project can be found on the MSCWMO's
LILY LAKE SUBWATERSHED IMPLEMENTATION PROGRAM

In 2011, the MSCWMO received a grant from the BWSR’s Clean Water Legacy Program to implement a portion of the projects outlined in the 2010 Lily Lake Subwatershed Assessment study. Implementation was focused on catchments Lily-02 and Lily-03. Education and outreach meetings were conducted in the focus areas and grant funds were used to install 15 infiltration features in the city right-of-way to capture and treat street runoff prior to its discharge into Lily Lake. A project profile with photographs of the completed projects can be viewed at the link below:

http://mscwmo.org/wp-content/grant-reporting/Lily_Lake2_Project_Profile.pdf

CITY OF BAYPORT IMPLEMENTATION PROGRAM

The MSCWMO received a grant from the St. Croix River Association to install stormwater treatment features in the City of right of way in Bayport to capture and treat runoff prior to its discharge into Perro Creek and ultimately the St. Croix River. Four features were installed in 2011 and were the first curb-cut rain gardens installed in the City of Bayport. More project information can be found in the report at the link below:


CITY OF LAKELAND ORDINANCE UPDATE

In 2011, the MSCWMO worked with the City of Lakeland, the Minnesota DNR and Washington County to update the City’s code relating to vegetative clearing on the bluffs adjacent to the St. Croix River within the City’s boundary. The project work was funded by a grant from the Minnesota DNR’s Community Conservation Assistance program. The City adopted the revised ordinance in 2011 and is actively enforcing the new permit process which works to protect existing vegetation for the purpose of stabilizing the bluff, providing habitat, screening structures from the river and more. In 2012 the MSCWMO will work with the Minnesota DNR to promote the revised ordinance to other MSCWMO communities with similar bluff management issues.

CITY OF LAKELAND PUBLIC BEACH BUFFER PROJECT

In 2011, the MSCWMO continued to work with the City of Lakeland and the Washington Conservation District to complete a buffer stabilization project at the Lakeland Public Beach site. The Washington Conservation District has contracted with Short Elliot Hendrickson (SEH) to complete the site design and plans to install the project in 2012 pending approval by the Army Corp of Engineers.
CITY OF LAKE ST. CROIX BEACH BLUFFLAND RESTORATION PROJECT.

In 2011, the MSCMWO completed major restoration work on a section of City owned bluffland in the City of Lake St. Croix Beach using funding from a BWSR native buffers grant. The project included removal of non-native Siberian elm, slope reshaping and stabilization, and major plant community restoration work. Follow up maintenance work will be completed in the spring and summer of 2012.

RURAL SUBWATERSHED ASSESSMENT PROGRAM

In 2011, the MSCWMO worked with the WCD and the St. Croix River Association to complete an assessment of the more rural portions of the WMO. The assessment included the development of a GIS based model to estimate soil loss as well as ground truthing to locate potential water quality improvement projects. Several projects were identified in the MSCWMO and the board plans to implement a portion of these projects in 2012.

BEST MANAGEMENT PRACTICES PROGRAM

The MSCWMO continued to promote its Best Management Practices Program during 2011. A total of $24,500.00 was designated in the 2010 budget for both cost-share and technical assistance for residents and communities within the MSCWMO. Ten projects were awarded funding in 2011 (totaling $9,294.00 in cost-share funding). Four cost-share projects were completed in 2011 and submitted to the WMO for reimbursement.

The following is a list of approved projects and a brief description of the project:

*Phil Johnson Project, Lake St. Croix Beach* – This project includes the installation of two raingardens to capture runoff from Quentin Ave. South in LSCB. This project site is upstream from an area where localized flooding commonly occurs; volume reduction from this project will help relieve the issue.

*Bayport Prison, Bayport,* - This project provided funding to the Bayport prison to assist the prison in growing native prairie plugs in their existing greenhouse to plant in the buffer area adjacent to Perro Creek.

*Peg’s Parlor, St. Mary’s Point* – This project includes the installation of one raingarden to capture runoff from 25th St. in St. Mary’s Point.

*Lars Evans – Baytown Township* – This project included the stabilization of a drainage way which accepted runoff from Osgood Avenue in Baytown Twp. Runoff routed through the drainage way was collected in an existing infiltration feature which was also slated for replanting through this project.

*Tom Clark – Baytown Township* – This project included the installation of permeable pavers in the driveway on the Clark property.

*Jill Fallin – Stillwater* – This project included the installation of one raingarden off of Owens...
Street in Stillwater.

*Gary Johnson – Lake St. Croix Beach* – This project included the installation of one raingarden in Lake St. Croix Beach to capture runoff from Upper 18th Street South.

*Del Peterson – Stillwater* – this project included the installation of a native buffer planting on Lily Lake in Stillwater.

*Christie and Bill Kowalski, Stillwater* – this project included erosion control and native plantings to stabilize a drainage way above Lily lake

*Tim Jinks, Bayport* – this project included the installation of two raingardens in an area that drains to the St. Croix River in Bayport.
2012 WORKPLAN

BEST MANAGEMENT PRACTICES PROGRAM

The MSCWMO will continue to promote its Best Management Practices Program in 2012. A total of $26,500.00 of the 2012 budget has been dedicated to both cost-share and technical assistance. The MSCWMO will continue to work to engage more residents in the southern portion of the WMO, but will also promote projects on Lily and McKusick Lakes in Stillwater following the recommendations of the recently completed subwatershed assessments. The MSCWMO will continue to look for opportunities to collaborate with multiple landowners and communities to leverage more money and complete larger projects as part of its Best Management Practices Program.

WATER MONITORING

The MSCWMO will continue the baseline water quality-monitoring program for Lily and McKusick Lakes, Brick Pond and Perro Creek. The MSCWMO may consider transitioning its monitoring of the tributary wetlands between Lily and McKusick to monitoring for metals in McKusick Lake. The MSCWMO may also look to hire monitoring staff for Lily Lake in 2012, as it has been monitored by volunteers for the last several years.

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 their goals for education and outreach.

COMPREHENSIVE AND LOCAL WATER MANAGEMENT PLAN ASSISTANCE

The MSCWMO will continue to offer assistance to its member communities in their implementation of their existing and updated local water management plans.

DEVELOPMENT PLAN REVIEWS AND EROSION MONITORING PROGRAM; MSCWMO POLICIES AND PERFORMANCE STANDARDS.

The MSCWMO will continue to review qualifying projects for consistency with the 2006 Watershed Management plan, and will continue to coordinate its review process with its member communities. MSCWMO staff will also continue to monitor current and past projects to ensure stormwater management features are functioning as planned.

WATERSHED MANAGEMENT PLAN UPDATE

The MSCWMO will begin its 2014 plan update in 2012 in an effort to complete and adopt the plan within one and a half years of the start date.
LAKE ST. CROIX BEACH PUBLIC SWIMMING BEACH RESTORATION PROJECT

Major bluffland restoration work was completed at this site in 2011. In 2012, the MSCWMO will work with the City to maintain the newly planted and stabilized area to ensure project success.

CITY OF LAKELAND BEACH STABILIZATION

The MSCWMO will assist the City of Lakeland in stabilizing their public beach area utilizing funding from the BWSR’s native buffer grant program. Plans for this project were completed in 2011. The MSCWMO will work with the City, the MnDNR, the USFWS, the USACOE, and FEMA to implement the project in 2012.

CITY OF LAKELAND ORDINANCE UPDATE

The MSCWMO will continue to work with the City of Lakeland and the Minnesota DNR to update the City’s riverway ordinances to further protect the St. Croix riverway from development pressure. The MSCWMO completed an update of the City’s vegetative cutting ordinance in 2011. In 2012, the MSCWMO will work with the City and MnDNR to update the City’s existing code related to nonconformities in the St. Croix Riverway. The MSCWMO will assist with the promotion of these updated codes to other communities along the St. Croix River.

CITY OF STILLWATER AND BAYPORT STREET PROJECTS

The MSCWMO implemented a number of street side stormwater treatment projects in Stillwater and Bayport in 2011. In 2012, additional projects will be installed in the City of Stillwater, funding for Bayport projects was fully exhausted in 2011.

URBAN SUBWATERSHED ASSESSMENT

The MSCWMO will work with the City of Stillwater to implement the recommendations of the recently completed Lily and McKusick Lake Subwatershed Assessments. MSCWMO received funding from the BWSRs Clean Water Legacy Program to fund the second phase of project implementation within the Lily Lake subwatershed as well as project funding for implementation of the first phase of projects in the McKusick Lake subwatershed. The majority of this project will be completed in the summer of 2011 with follow up work completed in 2012.

RURAL SUBWATERSHED ASSESSMENT

The MSCWMO has partnered with the WCD and the St. Croix River Association to complete an assessment of the more rural areas of the MSCWMO (mainly West Lakeland Township and Baytown Township). The assessment was completed in 2011 and identified a number of projects to be completed in the MSCWMO. The MSCWMO will work to implement one to two of these projects in 2012 utilizing funding from the St. Croix River Association and the
AFTON-LAKELAND GULLY STABILIZATION PROJECT

The MSCWMO will continue to monitor the effectiveness of the Afton-Lakeland Gully Stabilization Project.

WEBSITE UPDATE

The MSCWMO has contracted with MMC Associates to update its website in 2011. The website update is complete and the website is live. The MSCWMO will continue to improve the content of the website in 2012 and maintain current minutes, agendas and other necessary items.
APPENDIX A

2010 ANNUAL AUDIT

SEE ATTACHED