Minnesota Board of Water and Soil Resources. Minutes.

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Version 3
August 20, 2018

Minnesota Board of Water & Soil Resources

DATE: July 29, 2010

TO: Board Members, Advisors, Staff

FROM: John Jaschke, Executive Director, 651-296-0878 office, 612-202-3815 cell

SUBJECT: August 4, 2010 Special Board Meeting

The Board Chairman has scheduled a special meeting of the Board for **11 a.m., Wednesday, August 4th** to consider a couple of adjustments to the FY11 Clean Water Fund Policy adopted at the June 23, 2010 meeting. The meeting will be a combination of a conference call and in-person via facilities in Room 2B across the hall from the BWSR Central Office at 520 Lafayette Road, St Paul. The Metro Committee will be meeting in the same room beginning at 11:30 a.m.

The conference call instructions are:

Call in #: 1-888-742-5095

Passcode: 9537114229

Background:

The Board of Water and Soil Resources adopted the FY'11 Clean Water Fund Competitive Grants Policy on June 23, 2010. The policy was posted on the BWSR website shortly afterward. Subsequent interpretation and application of the policy has been discussed at a number of meetings involving state and local government officials. Two specific parts of the policy have been the focus of these discussions.

1. The Policy limits the eligibility of projects that may be proposed by Municipal Separate Storm Sewer System (MS4) permit holders to projects occurring on private land.
2. The Policy establishes ineligible activities to include regulated point source and water treatment facilities.

Proposed Adjustments:

1. Municipalities use a variety of legal arrangements and agreements to manage water on both public and private lands within their communities The distinction between stormwater management to improve water quality occurring on public and private land is not practical or necessary and is therefore proposed to be deleted.
2. Distinctions between point and non-point source pollution prevention are not interpreted the same between the regulatory MS4 program and water quality improvement grant programs. The adjustments proposed will remove specific references originally included to connect the regulatory and funding programs and instead rely on appropriation and constitutional language that will be noted in the RFP.

Attached is the proposed agenda, the draft resolution and the proposed changes to the policy. I will be out on vacation and thus Julie Blackburn, Assistant Director, will serve as the lead staff to facilitate the meeting and Dave Weirens will be presenting the single agenda item.

Bemidji	Brainerd	Duluth	Fergus Falls	Marshall	Mankato	New Ulm	Rochester
701 Minnesota Ave., Suite 234 Bemidji, MN 56601 (218) 333-8024	1601 Minnesota Drive Brainerd, MN 56401 (218) 828-2383	394 South Lake Ave., Room 403 Duluth, MN 55802 (218) 723-4752	1004 Frontier Drive Fergus Falls, MN 56537-2505 (218) 736-5445	1400 East Lyon St., Box 267 Marshall, MN 56258 (507) 537-6060	1160 Victory Drive S., Suite 5 Mankato, MN 56001-5358 (507) 389-1967	261 Highway 15 South New Ulm, MN 56073 (507) 359-6074	2300 Silver Creek Rd N.E. Rochester, MN 55906 (507) 206-2889

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Minnesota Board of Water & Soil Resources

MN Board of Water and Soil Resources - Special Meeting

Date/Time: August 4th 2010, 11 a.m.

Location: Room 2B, BWSR Central Office, 520 Lafayette Road, St Paul, 55155

Proposed Agenda

1. FY11 Clean Water Fund Policy *(DECISION ITEM)*

Bemidji
701 Minnesota Ave., Suite 234
Bemidji, MN 56601
(218) 333-8024

Brainerd
1601 Minnesota Drive
Brainerd, MN 56401
(218) 828-2383

Duluth
394 South Lake Ave., Room 403
Duluth, MN 55802
(218) 723-4752

Fergus Falls
1004 Frontier Drive
Fergus Falls, MN 56537-2505
(218) 736-5445

Marshall
1400 East Lyon St., Box 267
Marshall, MN 56258
(507) 537-6060

Mankato
1160 Victory Drive S., Suite 5
Mankato, MN 56001-5358
(507) 389-1967

New Ulm
261 Highway 15 South
New Ulm, MN 56073
(507) 359-6074

Rochester
2300 Silver Creek Rd N.E.
Rochester, MN 55906
(507) 206-2889

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Minnesota Board of Water & Soil Resources

FY '11 Clean Water Fund Competitive Grants Policy

Proposed Revisions July 29, 2010

Purpose

The Clean Water Fund was established to implement part of Article XI, Section 15, of the Minnesota Constitution, with the purpose of protecting, enhancing, and restoring water quality in lakes, rivers, and streams in addition to protecting groundwater and drinking water sources from degradation. The purpose of this policy is to provide clear expectations for implementation of funds appropriated to BWSR associated with Clean Water Fund (CWF) grants. The appropriation language governing the use of these funds can be found in MN Session Laws 2009, Chapter 172 and MN Session Laws 2010, Chapter 361.

BWSR will use grant agreements as contracts for assurance of deliverables and compliance with appropriate statutes, rules and established policies. Willful or negligent disregard of relevant statutes, rules and policies may lead to imposition of financial penalties on the grant recipient.

1.0 Applicant Eligibility Criteria and Requirements

Local government units (LGUs) are eligible to receive grant funds if they are working under a current state approved and adopted local water management plan[1]. All activities must be consistent with an approved TMDL implementation plan or current watershed management plan, county comprehensive local water management plan, metropolitan local water plan, metropolitan groundwater plan, surface water intake plan or well head protection plan that has been state approved and locally adopted by November 1, 2010. The 2011 Clean Water Fund Request for Proposals will identify more specific requirements or eligibility restrictions when specified by statute or appropriation language.

2.0 Match Requirements

A local match equal to at least 25% of the amount of Clean Water Funds requested and/or received is required. Matching cash or in-kind cash value provided by the landowner, land occupier, local government or other local source may be used to match CWF grants.

3.0 Eligible Activities

The primary purpose of activities funded with grants associated with the Clean Water Fund is the control, reduction or prevention of chemical or nutrient runoff, soil erosion, sedimentation, runoff volume or materials that affect human or aquatic system health. Eligible activities can consist of structural practices, non-structural

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[1] For the purposes of this policy watershed management organizations and metro watershed districts are not eligible if the management plan is more than 10 years beyond the BWSR plan approval date unless the plan states a lesser period of time; non-metro state watershed districts are not eligible if the plan is more than 11 years 3 months beyond the BWSR approval date; and counties are not eligible if the management plan is more than 10 years beyond the BWSR approval date unless properly extended.

practices and measures, project support activities, and grant administration and reporting requirements. Technical and engineering assistance components necessary to implement these activities are considered essential and are to be included in the total project or practice cost. ~~Proposals by Municipal Separate Storm Sewer Systems (MS4) permit holders for implementing non-point stormwater practices and projects on private land are eligible.~~

3.1 Structural Practices and Projects:

Best Management Practices

a) Must be designed and maintained for a minimum effective life of ten years,

b) Operation and maintenance for the life of the practice shall be included with the design standards,

c) An inspection schedule and procedure shall be included as a component of maintaining the effectiveness of the practice, and

d) The local unit of government must provide assurances that the landowner or land occupier will keep the project in place for the expected lifespan of the project. Such assurances may include easements, enforceable contracts, and termination or performance penalties. BWSR may allow replacement of a practice that does not comply with expected lifespan requirements with a practice that provides equivalent water quality benefits.

Capital Improvement Projects

a) Must be designed and maintained for a minimum effective life of 25 years,

b) Operation and maintenance for the life of the project shall be included with the design standards,

c) An inspection schedule and procedure shall be included as a component of maintaining the effectiveness of the project, and

d) The local unit of government must provide assurances that the landowner or land occupier will keep the project in place for the expected lifespan of the project. Such assurances may include easements, enforceable contracts, and termination or performance penalties. BWSR may allow replacement of a practice that does not comply with expected lifespan requirements with a practice that provides equivalent water quality benefits.

3.2 Non-Structural Practices And Measures

Incentives may be used to encourage landowners to install or adopt land management practices that improve or protect water quality. Incentive payments and enhanced protection measures should be reasonable and justifiable, supported by LGU policy, consistent with prevailing local conditions, and must be accomplished using established standards.

3.3 Project Support Activities

Civic engagement, public outreach, and other activities which directly support or supplement the goals and outcomes expected with the implementation of items identified in 3.1 and 3.2 above.

3.4 Grant Administration and Reporting

All grant recipients are required to report on the outcomes, activities, and accomplishments of Clean Water Fund grants. Up to 5% of the grant funds may be used for local grant administration and reporting.

4.0 Ineligible activities

~~Projects or practices to address regulated, point source activities and water treatment facilities will not be considered.[2] Proposals to meet or implement existing official controls as defined by Minnesota Statute 103F.711 are not eligible for funding. Proposals with the primary purpose of water quality monitoring or assessment will not be considered.~~

Projects or practices that address the following will not be considered:

a) Stormwater conveyances that collect and move runoff that do not provide meaningful water quality treatment;
b) Wastewater treatment or drinking water supply facilities;
c) Meeting or implementing existing official controls that control the physical development of the whole or part of a local government unit; and
d) That have the primary purpose of water quality monitoring or assessment.

5.0 Structural Practice and Project Requirements

In order to insure long-term public benefit of structural practices and projects, the following requirements must be met by all grant recipients.

5.1 Technical and Engineering Components

Technical and/or engineering expertise is required to develop, install and inspect projects. Grant recipients will be required to submit documentation in their workplan outlining:

a) Who will provide technical assistance for each of the practices or projects to be implemented, their credentials for providing this assistance, or the method for selecting appropriate technical providers, and
b) Approved design, construction, operation and maintenance standards for the practices or projects to be implemented.

BWSR reserves the right to review the qualifications of all persons providing technical assistance.

5.2 Practice or Project Construction and Sign-Off

The LGU shall verify that the practice or project was properly installed and completed according to the plans and specifications, including technically approved modifications, prior to authorization for payment by the LGU.

5.3 Post Construction and Follow Up Activities

To ensure that a practice or project is functioning properly, an operation and maintenance plan tailored to fit the site shall be developed. The operation and maintenance plan should identify all of the maintenance activities that are needed and specify how they will be accomplished. The plan shall be reviewed with the land owner or occupier before installation of the practices or projects.

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[2] ~~Municipal stormwater conveyance and/or treatment capital infrastructure projects made necessary by a waste load allocation under an approved TMDL and water treatment facilities may be eligible for funding from the Minnesota Public Facilities Authority (PFA).~~

LGUs shall assure that the operation and maintenance plan is being followed and that the practices or projects are functioning as designed by conducting periodic site inspections.

6.0 Grantee Administration of Clean Water Fund Grants

LGUs have the responsibility to approve expenditure of funds within their organization. The LGU administering the grant must approve or deny expenditure of funds. The action taken must be documented in the LGU board's meeting minutes.

All LGU expenditure of funds providing financial assistance to landowners requires a contract with the landowner. The contract must adequately address all the lifespan and operation and maintenance requirements of the practice or project as provided by this policy. The contract must specify what LGU enforcement provisions are, up to and including repayment of cost share funds at a rate up to 150% of the original landowner agreement. BWSR recommends all contracts be reviewed by the LGUs legal counsel.

Grant reporting, fiscal management, and administration requirements are the responsibility of the grant recipient.

7.0 BWSR Grant Closeout and Reporting Requirements

BWSR staff is authorized to develop grant agreements, including requirements and processes for fiscal closeouts, and project outcomes reporting.

7.1 BWSR Grant Closeout Procedures

a) BWSR staff will review grant recipient compliance with contractual requirements in a manner which is consistent with the policies established by the Office of Grants Management and adopted by the BWSR Board.

b) Elements described in the project workplan will be reviewed in the grant close-out.

c) Project files for CWF expenditures including landowner contact information, contracts, bills and invoices, inspection schedule, structural practice and project operation and maintenance information, design plans, and miscellaneous communication must be retained by the LGU pursuant to MS 138.17 and consistent with ongoing record retention schedules.

d) In the event there is a contract violation, BWSR will enforce the grant agreement including repayment of grant funds at a rate up to 150% of the grant agreement.

Board Resolution # 10-

FY 2011 CLEAN WATER FUND AND COMPETIVE GRANTS PROGRAM: POLICY AND REQUEST FOR PROPOSALS

WHEREAS, on June 23, 2010 the Board of Water and Soil Resources (BWSR) adopted resolution #10-65 that included adoption of the FY2011 Clean Water Fund Competitive Grants Policy; and,

WHEREAS, the Policy was posted on the BWSR website on June 25, 2010 and has been discussed at a number of meetings with BWSR and local government staff since that time; and,

WHEREAS, local governments have expressed the concerns listed below:

- The Policy limits the eligibility of projects that may be proposed by Municipal Separate Storm Sewer System (MS4) permit holders to projects occurring on private land, and
- The Policy provides that ineligible activities include regulated point source and water treatment facilities; and,

WHEREAS, BWSR staff have evaluated these concerns and are recommending changes to the Policy in sections 3.0 Eligible Activities and 4.0 Ineligible Activities as identified in the attachment (FY'11 Clean Water Fund Competitive Grants Policy – Proposed Revisions July 29, 2010).

NOW THEREFORE BE IT RESOLVED, the Board hereby amends the FY'11 Clean Water Fund Competitive Grants Policy as provided in the attachment (FY'11 Clean Water Fund Competitive Grants Policy – Proposed Revisions July 29, 2010).

_____ Date: _____

Randy Kramer, Chair
Board of Water and Soil Resources

Attachment: FY'11 Clean Water Fund Competitive Grants Policy – Proposed Revisions July 29, 2010

Minnesota Board of Water & Soil Resources

DATE: August 16, 2010

TO: Board of Water and Soil Resources' Members, Advisors, and Staff

FROM: John Jaschke, Executive Director

SUBJECT: August 24-26, 2010 Board Tour Details and Meeting Notice

The Board of Water and Soil Resources (BWSR) will tour the Moorhead area on Wednesday, August 25, 2010. *See attached tour itinerary*. The Buffalo-Red River Watershed District, Becker, Clay, and Wilkin Soil and Water Conservation Districts (SWCDs), and Wilkin County are the local hosts. The Red River Basin Commission (RRBC) is a sponsoring host as the regional organization responsible for developing the Long-Term Flood Solutions (LTFS) Project that BWSR and the North Dakota State Water Commission are overseeing.

Tuesday, August 24th

A mini-coach bus or van will depart from the BWSR office in St. Paul on Tuesday, August 24th, about 1:00 PM. If you are interested in riding on the mini-coach bus or van to/from Moorhead, please contact Mary Jo Anderson at 651-297-4290 or mary.jo.anderson@state.mn.us by August 19th to reserve a seat on the bus. If you would like to meet the mini-coach bus or van en route to Moorhead, and be picked up at a location along the I-94 route, please *let Mary Jo Anderson know by August 19*, so accommodations can be made.

The mini-coach bus or van will arrive at the Courtyard by Marriott & Conference Center, I-94 & Highway 75, 1080 – 28th Avenue South, Moorhead, about 5:00 PM on Tuesday. Directions to the hotel: http://www.marriott.com/hotels/travel/farcy-courtyard-moorhead/

Sleeping rooms have been reserved at the Courtyard by Marriott for Tuesday and Wednesday evenings, August 24 and 25. *See the attached room reservation list*. The rooms have been direct billed (you do not pay for the room unless noted on the rooming list). Please let Mary Jo Anderson know ASAP if you will not need a sleeping room.

Optional: *(Must let Mary Jo know if you plan to attend)*
A catered dinner will be served at the Heritage Hjemkomst Center in Moorhead at 6:00 PM. The mini-coach bus or van will depart from the Courtyard by Marriott at 5:45 PM. If you are interested in riding the mini-coach bus or van to the Hjemkomst Center, meet at the front door of the hotel lobby by 5:40 PM.

The River Keepers will host a narrated pontoon boat tour on the Red River of the North at 7:00 PM. A guided tour of the Hjemkomst Center/Clay County Historical Museum will also begin at 7:00 PM. There will be two groups touring concurrently. The mini-coach bus will depart from the Hjemkomst Center at 9:00 PM, returning to the Courtyard by Marriott at 9:10 PM.

Bemidji 701 Minnesota Ave., Suite 234 Bemidji, MN 56601 (218) 333-8024

Brainerd 1601 Minnesota Drive Brainerd, MN 56401 (218) 828-2383

Duluth 394 South Lake Ave., Room 403 Duluth, MN 55802 (218) 723-4752

Fergus Falls 1004 Frontier Drive Fergus Falls, MN 56537-2505 (218) 736-5445

Marshall 1400 East Lyon St., Box 267 Marshall, MN 56258 (507) 537-6060

Mankato 1160 Victory Drive S., Suite 5 Mankato, MN 56001-5358 (507) 389-1967

New Ulm 261 Highway 15 South New Ulm, MN 56073 (507) 359-6074

Rochester 2300 Silver Creek Rd N.E. Rochester, MN 55906 (507) 206-2889

Central Office / Metro Office 520 Lafayette Road North Saint Paul, MN 55155 Phone: (651) 296-3767 Fax: (651) 297-5615

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Wednesday, August 25, 2009

The Courtyard by Marriott has a breakfast buffet served in the "Courtyard Café" from 6:30 AM – 10:00 AM. When you check-in at the hotel you will receive a "coupon" for breakfast on Wednesday and Thursday. (Breakfast has been direct billed, you do not pay for this).

Registration, introductions, and an overview of the day will be held at the Courtyard by Marriott Conference Center, Parlors Conference Room, at 8:00 AM. A coach bus will promptly depart from the Courtyard by Marriott at 8:30 AM.

The tour will consist of a few stops that we will be walking a short distance (five to ten minutes) wear your comfortable walking shoes! The tour will be held rain or shine, dress accordingly.

If you will not be present for the Wednesday coach bus tour, or if you do not need a room reservation on Tuesday or Wednesday evening at the Courtyard by Marriott, please contact Mary Jo Anderson immediately, as we need to know the number of people attending. If you have special food needs, or require a vegetarian meal, please contact Mary Jo Anderson as soon as possible.

The narrated coach bus will travel through Clay County. We will see urban drainage and stormwater retention. We will leave Clay County via Hwy. 75, and see restoration projects and flood control levees. We will arrive in Barnesville about noon; have lunch at the Galaxie Supper Club, 20063 Hwy 34, and a presentation by Houston Engineering on the applications of LIDAR.

We will board the coach bus and depart from Barnesville at 1:30 PM. We will tour retention, restoration, and mitigation projects in Becker County and arrive at the Rustic Oaks Events Center, 12155 3rd St. S., in Moorhead for dinner at 6:00 PM. The coach bus will depart from Rustic Oaks at 8:00 PM and arrive back at the Courtyard by Marriott at 8:10 PM.

Thursday, August 26, 2009

The Board of Water and Soil Resources (BWSR) will meet on Thursday, August 26, 2010, beginning at 8:30 a.m. The meeting will be held at the Courtyard by Marriott Conference Center, "Salons AB Room" in Moorhead.

The following information pertains to agenda items:

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

1. **Capitol Region Watershed District Watershed Management Plan** - The District was established in 1998 and the first watershed management plan was adopted in 2000. This is a required ten year revision of their plan. The mission of the District is to protect, manage and improve the water resources of the District. The Plan was prepared with extensive citizen, technical, and community review and input. The primary issue areas of the plan include: education and outreach, urban stormwater management, monitoring and data assessment, future trends, funding and organization, regulations and enforcement, and ecosystem health. The District places great value on working with partners in order to explore new ideas, increase efficiency, prevent duplication of effort, and save money when promoting best practices across the watershed. The Metro Water Planning Committee recommends approval of the revised plan per the attached draft Order. ***DECISION ITEM***

2. **Carnelian-Marine-St. Croix Watershed District Watershed Management Plan** - The District was established in 1981 and was enlarged to encompass the Marine on St. Croix Watershed Management Organization in 2007. This is a required ten year revision of their plan. The mission of the District is to protect and improve water resources within the jurisdiction of the District through coordination with local units of government, citizens, and other government agencies. The Plan was prepared with citizen and technical review and input. The Plan provides a flexible framework to effectively direct the funding of programs and projects to improving and preserving water quality. The Metro Water Planning Committee recommends approval of the revised plan per the attached draft Order. ***DECISION ITEM***

3. **Chisago County Comprehensive Local Water Management Plan Amendment and Extension** - The current Plan was adopted in 2006. The purpose of the Plan is to identify existing and potential problems and opportunities for protection, management and development of water and related land resources in Chisago County. The primary reasons for amending and extending the Chisago County Water Plan are to: expand the tasks identified in the Water Plan to reflect the increase in activity since 2006, better organize the existing Water Plan, better position Chisago County to be eligible for potential funding opportunities, and to extend the plan from 2006-2011 to 2006-2013. The Amendment is well-written and comprehensive. The Metro Water Planning Committee recommends approval of the Amendment and Extension by the Board per the attached draft Order. ***DECISION ITEM***

4. **Plan Amendment to the Shingle Creek and West Mississippi Watershed Management Organizations' Watershed Management Plan** - A Plan Amendment to the Watershed Management Plan was filed with the Board on February 16, 2010. The draft Order contains a summary of the changes and the reviewing agencies' and city comments. No comments were received during the review process that resulted in substantial revisions to the draft Amendment. The Metro Water Planning Committee recommends approval of the Plan Amendment per the attached draft Order. ***DECISION ITEM***

Northern Water Planning Committee

1. **St. Louis County Water Management Plan Update** – St. Louis County submitted their Local Water Management Plan Update, a record of the public hearing and written comments pertaining to the Plan Update to BWSR for final State review May 28, 2010. On August 11, 2010, the Northern Water Planning Committee reviewed the Plan and recommendations by State review agencies and recommends approval of the St. Louis County Water Plan Update. The Findings of Fact, Conclusions and Order and other supporting documentation is attached for your review and consideration. ***DECISION ITEM***

Southern Water Planning Committee

1. **Area II Minnesota River Basins Project Inc. Grant** – BWSR oversees the administrative funding related to the efforts of the Area II Minnesota River Basins Project Inc. (Area II). The 2009 Minnesota Legislature appropriated administrative funding for Area II; the 2010 Minnesota Legislature reduced the Area II appropriation, resulting in a fiscal year 2011 grant of $120,000. The BWSR Board approved Area II's work plan for fiscal years 2010 and 2011 on September 23, 2009. The Southern Water Planning Committee recommends approval and staff requests execution of the Area II grant agreement for fiscal year 2011. See attachments. ***DECISION ITEM***

NEW BUSINESS

1. **Minnesota River Board, Fiscal Year 2011 Work Plan and Grant –** This work plan is for BWSR oversight of administrative funding related to the efforts of the Minnesota River Board (MRB), formerly known as the Minnesota River Basin Joint Powers Board. The 2009 Minnesota Legislature appropriated administrative funding for the MRB; the 2010 Minnesota Legislature reduced the MRB appropriation, resulting in a fiscal year 2011 State General Funds grant of $84,000. The overall budget objectives are included in the work plan. Staff recommends approval of this work plan and execution of the administrative grant agreement for fiscal year 2011. See attachments. ***DECISION ITEM***

2. **Red River Basin – Long Term Flood Solutions: Project Update** - This project has completed its information gathering phase leading to the development of a comprehensive plan to address flooding in the basin -- according to the charge of the 2009 Minnesota and North Dakota legislatures. Oversight is provided by the MN Board of Water and Soil Resources and the ND State Water Commission. Public flood forums concluded in January with 21 meetings in North Dakota, Minnesota and Manitoba with about 1,000 residents participating. An on-line public survey, has received over 500 responses to date. *Principles* and *Flood Protection Goals* have been adopted to focus and guide the work toward the final set of recommendations. The months ahead will involve completing data analysis, evaluating alternatives and getting broad input on proposed recommendations. Much more is at: http://www.redriverbasincommission.org/Long_Term_Flood_Solutions/long_term_flood_solutions.html. ***INFORMATION ITEM***

3. **Flood Risk Management for Urban Centers** – Brett Coleman, Project Manager, U.S. Army Corps of Engineers, will present the two completed risk management projects for the Cities of Wahpeton/Breckenridge, and Grand Forks/East Grand Forks; and the proposed locally preferred plan for Fargo/Moorhead. ***INFORMATION ITEM***

If you have any questions regarding the agenda, please feel free to give me a call at 651-296-0878. The meeting will adjourn about noon.

If you are riding the mini-coach bus or van from Moorhead, it will depart from the Courtyard by Marriott immediately following the Board meeting; arriving in St. Paul late afternoon.

I look forward to seeing you in Moorhead!

TUESDAY, AUGUST 24, 2010
** OPTIONAL **

5:30 PM	Arrive in Moorhead, Courtyard by Marriott
6:00 PM	Dinner - Heritage Hjemkomst Center in Moorhead
7:00 PM	Group A-River Keepers Pontoon Tour of Red River of the North Group B-Tour Heritage Hjemkomst Center/Clay County Historical Museum
8:00 PM	Group B- River Keepers Pontoon Tour of Red River of the North Group A- Tour Heritage Hjemkomst Center/Clay County Historical Museum
9:00 PM	Return to Courtyard by Marriott

WEDNESDAY, AUGUST 25, 2010
BWSR TOUR ***DRAFT ITINERARY***

8:00 AM	Welcome, Introductions, Overview of Tour Itinerary – Courtyard by Marriott, Moorhead
8:30 AM	Promptly Depart on Coach Bus from Courtyard by Marriott - City of Moorhead/Buyouts/Urban Drainage/Stormwater Retention - EWP Project
9:30 AM	Morning Break - Fort Abercrombie
10:00 AM	Lower Otter Tail Clean Water Legacy Project, Wilkin County SWCD - Living Snow Fence - Manston Slough Restoration Project - South Branch of the Buffalo River Restoration Project - Lawndale Trout Stream Restoration - Deerhorn Creek Flood Control Levees
Noon	Lunch - Galaxie Supper Club, Barnesville
12:45 PM	Presentation on Applications of LIDAR by Houston Engineering
1:30 PM	Board Coach Bus, depart Barnesville - Whisky Creek Tributaries Project - Hay Creek/Stinking Lake Sediment Retention Project, Brad Grant, Becker SWCD - LaBelle Lakes Highwater Outlet
3:00 PM	Afternoon Break - Hamden Slough National Wildlife Refuge
4:00 PM	- Hawley Buffalo River Restoration Project - Dave Friedl, DNR - Brantner Wetland Bank/Pilot Grazing Site - Kevin Kassenborg, Clay SWCD - Oakport Flood Mitigation
6:00 PM	Dinner - Rustic Oaks Events Center, Moorhead
8:00 PM	Board Bus, Return to Courtyard by Marriott, Moorhead

DRAFT

Courtyard by Marriott
1080 28th Avenue South
Moorhead, MN 56560
Phone: 218-284-5023

SLEEPING ROOMS

Tuesday, August 24

1. Mary Jo Anderson
2. Gordy Behm
3. Paul Brutlag
4. **LeAnn Buck** **
5. Bob Burandt
6. Brian Dwight
7. **Wayne Edgerton** **
8. Quentin Fairbanks
9. **Rebecca Flood** **
10. Christy Jo Fogarty
11. Jim Haertel
12. Sandy Hooker
13. John Jaschke
14. Randy Kramer - *suite*
15. **Larry Kramka** **
16. Paul Langseth
17. Tom Loveall
18. **Margaret Mangan** **
19. John Meyer
20. Keith Mykleseth
21. Brian Napstad
22. **Rob Sip** **
23. Louise Smallidge
24. **Faye Sleeper** **
25. Gene Tiedemann
26. LuAnn Tolliver
27. Pete Waller
28. **Dan Wilson** **
29. Bus Driver

Wednesday, August 25

1. Mary Jo Anderson
2. Gordy Behm
3. Paul Brutlag
4. **LeAnn Buck** **
5. Bob Burandt
6. Brian Dwight
7. **Wayne Edgerton** **
8. Quentin Fairbanks
9. **Rebecca Flood** **
10. Christy Jo Fogarty
11. Jim Haertel
12. Sandy Hooker
13. John Jaschke
14. Randy Kramer – *suite*
15. **Larry Kramka** **
16. Paul Langseth
17. Tom Loveall
18. **Margaret Mangan** **
19. John Meyer
20. Keith Mykleseth
21. Brian Napstad
22. **Rob Sip** **
23. Louise Smallidge
24. **Faye Sleeper** **
25. Gene Tiedemann
26. LuAnn Tolliver
27. Pete Waller
28. **Dan Wilson** **
29. Bus Driver

** **will pay for room upon arrival**

ATTENDANCE
at the
Board Tour/Meeting
August 24-26, 2010

RSVP to Mary Jo Anderson by August 19th
Phone: 651-297-4290
e-mail: mary.jo.anderson@state.mn.us

Tuesday, August 24, 2010

- ☐ Ride mini-coach bus or van from St. Paul to Moorhead
- ☐ Sleeping Room at Courtyard by Marriott
- ☐ Ride mini-coach bus/van from Courtyard by Marriott to Hjemkomst Center & return
- ☐ Dinner *(catered by Altony's)*
- ☐ Hjemkomst Center/History Museum tour
- ☐ River Keepers pontoon tour

Wednesday, August 25, 2010

- ☐ Breakfast at Courtyard by Marriott
- ☐ Coach Bus Tour *(Red River Trails)*
- ☐ Sleeping Room at Courtyard by Marriott

Thursday, August 26, 2010

- ☐ Breakfast at Courtyard by Marriott
- ☐ Board Meeting
- ☐ Ride mini-coach bus or van from Moorhead to St. Paul

BOARD OF WATER AND SOIL RESOURCES
COURTYARD BY MARRIOTT & CONFERENCE CENTER
"SALONS AB" CONFERENCE ROOM
1080 28TH AVENUE SOUTH
MOORHEAD, MN 56560
THURSDAY, AUGUST 26, 2010

PRELIMINARY AGENDA

8:30 AM CALL MEETING TO ORDER

PLEDGE OF ALLEGIANCE

ADOPTION OF AGENDA

MINUTES OF JUNE 23, 2010

MINUTES OF SPECIAL MEETING ON AUGUST 4, 2010

PUBLIC ACCESS FORUM (10-minute agenda time, two-minute limit/person)

CONFLICT OF INTEREST DECLARATION

REPORTS

- Chair – Randy Kramer
- Executive Director – John Jaschke
- Dispute Resolution Committee – Randy Kramer
- Wetlands Committee – LuAnn Tolliver
- Grants Program & Policy Committee – Louise Smallidge
- Public Relations, Outreach & Strategic Planning Committee – Brian Napstad
- RIM Reserve Planning Committee – Paul Brutlag
- Drainage Work Group – Tom Loveall
- Administrative Advisory Committee – Randy Kramer

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

1. Capitol Region Watershed District Watershed Management Plan – Jim Haertel – ***DECISION ITEM***

2. Carnelian-Marine-St. Croix Watershed District Watershed Management Plan – Jim Haertel – ***DECISION ITEM***

3. Chisago County Comprehensive Local Water Management Plan Amendment and Extension – ***DECISION ITEM***

4. Plan Amendment to the Shingle Creek and West Mississippi Watershed Management Organizations' Watershed Management Plan – Jim Haertel – ***DECISION ITEM***

Northern Water Planning Committee

1. St. Louis County Water Management Plan Update – Quentin Fairbanks – ***DECISION ITEM***

Southern Water Planning Committee

1. Area II Minnesota River Basins Project Inc., Grant - Paul Langseth – ***DECISION ITEM***

NEW BUSINESS

1. Minnesota River Board, Fiscal Year 2011 Work Plan and Grant – Paul Langseth – ***DECISION ITEM***

2. Red River Basin – Long Term Flood Solutions: Project Update Presentation – RRBC Staff – ***INFORMATION ITEM***

3. Flood Risk Management for Urban Centers – Brett Coleman, Project Manager, U.S. Army Corps of Engineers – ***INFORMATION ITEM***

AGENCY REPORTS

- Minnesota Department of Agriculture – Rob Sip
- Minnesota Department of Health – Dan Wilson
- Minnesota Department of Natural Resources – Larry Kramka
- Minnesota Extension Service – Faye Sleeper
- Minnesota Pollution Control Agency – Rebecca Flood

ADVISORY COMMENTS

- Association of Minnesota Counties – Annalee Garletz
- Minnesota Association of Conservation District Employees – Felicia Brockoff
- Minnesota Association of Soil and Water Conservation Districts – LeAnn Buck
- Minnesota Association of Townships – Sandy Hooker
- Minnesota Association of Watershed Districts – Ray Bohn
- Natural Resources Conservation Service – Tim Koehler

UPCOMING MEETINGS

- Board Meeting – September 22, 2010 in St. Paul

Noon **ADJOURN**

BOARD OF WATER AND SOIL RESOURCES
520 LAFAYETTE ROAD
LOWER LEVEL BOARD ROOM
ST. PAUL, MINNESOTA 55155
WEDNESDAY, JUNE 23, 2010

BOARD MEMBERS PRESENT:
Gordy Behm, Linda Bruemmer, MDH; Bob Burandt, Rebecca Flood, MPCA; Quentin Fairbanks, Christy Jo Fogarty, Sandy Hooker, Randy Kramer, Larry Kramka/Wayne Edgerton, DNR; Paul Langseth, Keith Mykleseth, Brian Napstad, Faye Sleeper, MES; Louise Smallidge, LuAnn Tolliver, Gene Tiedemann

BOARD MEMBERS ABSENT:
Paul Brutlag
Tom Loveall
Joe Martin, MDA
John Meyer

STAFF PRESENT:
Mary Jo Anderson, Julie Blackburn, Bill Eisele, Travis Germundson, Jim Haertel, Tabor Hoek, John Jaschke, Les Lemm, Joel Peterson, Dan Shaw, Dave Weirens, Marcy Westrick, Brad Wozney, Wayne Zellmer

OTHERS PRESENT:
Wayne Edgerton, DNR
LeAnn Buck, MASWCD
Tom Kahalar, Renville SWCD
Jason Beckler, Pheasants Forever/Renville SWCD
Mike Kinney, Prior Lake-Spring Lake Watershed District
Don Baloun, Tim Koehler, Carol Radatz, NRCS

DRAFT

Chair Kramer called the meeting to order at 9:00 a.m.

PLEDGE OF ALLEGIANCE

** 10-45 **ADOPTION OF AGENDA** - Moved by Louise Smallidge, seconded by Brian Napstad, to adopt the agenda as presented.

** 10-46 **MINUTES OF MAY 26, 2010** – Moved by Quentin Fairbanks, seconded by Paul Langseth, to approve the minutes of May 26, 2010 as circulated. Motion passed on a voice vote.

CONFLICT OF INTEREST DECLARATION – John Jaschke explained that the "Conflict of Interest Declaration" form will be used at each Board meeting when grant allocations are being made. Board members will acknowledge any conflict of interest, sign the document, and submit the form to John Jaschke by the end of the meeting. The forms will be filed with the meeting minutes and become part of the record. In the future, the form will be sent to board members with the Board meeting notice. Chair Kramer stated that if a conflict of interest is identified that it would be appropriate to abstain from voting and to note that for the record.

REPORTS

Chair's Report – Randy Kramer reported that he attended the Grants Program & Policy Committee meeting on June 8. Chair Kramer will attend the MAWD Summer Tour on June 25. Chair Kramer asked that Board members submit expense claims for FY10 by the end of June.

Executive Director's Report – John Jaschke provided a brief overview of the information in board members' packets today. John was in the Red River Valley a few times this past month to address long-term flood protection efforts. He reported that a congressional task force was recently established to evaluate the options for a controlled outlet on the east end of Devils Lake in North Dakota. John reported that a Water Management Summit for local governments hosted by MASWCD, MAWD, and AMC will be held on July 12th at the Kelly Inn in St. Cloud. John reported that BWSR is working with DNR on a restoration evaluation pilot to be ready for legislation taking effect in one year. John will attend the MAWD Summer Tour on June 25, hosted by the Nine Mile Creek Watershed District.

Dispute Resolution Committee – Travis Germundson reported that decisions have been made on several appeals. Travis reported that a new project appeal has been received regarding the Wild Rice Watershed District. This appeal would go before an Administrative Law Judge (ALJ), the ALJ would then make a recommendation to BWSR on this appeal.

Wetland Committee – LuAnn Tolliver reported that the Wetland Committee has not met since May 25; the Wetland Committee will not meet today; the next meeting will be in the timeframe of the September Board meeting.

Grants Program & Policy Committee – Louise Smallidge reported that the Grants Program & Policy Committee met on May 25 and on June 8; to review and make recommendations on grant allocations that are on the agenda later today. Louise thanked staff for their diligent work in preparation for the meeting today.

Public Relations, Outreach & Strategic Planning Committee – Brian Napstad stated that the Committee has not met.

RIM Reserve Planning Committee – Chair Kramer reported that Paul Brutlag is absent today. The RIM/WRP Board Subcommittee met last month.

Drainage Work Group – John Jaschke reported that Drainage Work Group will meet on July 21st at 12:30 p.m., at the Farm Bureau Office in Eagan.

Administrative Advisory Committee – Chair Kramer reported that the Administrative Advisory Committee met this morning. Items discussed included: the OLA audit response; operations budget reductions; the Board tour update; Wild Rice Watershed District – Upper Becker Project; Bylaws; and Board discussion.

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

Prior Lake-Spring Lake Watershed District Plan – Brad Wozney reported that the Metro Water Planning Committee met on June 2, 2010 to review the Plan and unanimously recommends approval. Moved by Louise Smallidge, seconded by Larry Kramka, to approve the Prior Lake-Spring Lake Watershed District Plan. Motion passed on a voice vote.

** 10-47

Northern Water Planning Committee

Buffalo Red River Watershed District Revised Watershed Management Plan – Keith Mykleseth reported that the Northern Water Planning Committee met on June 16, 2010, to review the revised Buffalo Red River Watershed District Revised Watershed Management Plan and recommends approval. Moved by Keith Mykleseth, seconded by Quentin Fairbanks, to approve the Buffalo Red River Watershed District Revised Watershed Management Plan. Motion passed on a voice vote.

** 10-48

Cormorant Lakes Watershed District Increase in Number of Managers – Quentin Fairbanks reported that the Northern Water Planning Committee reviewed the petition to increase the number of managers from three to five with the two additional managers appointed from Becker County; and unanimously recommends approval. Moved by Quentin Fairbanks, seconded by Brian Napstad, to order the Cormorant Lakes Watershed District number of managers be increased to five with the two additional managers appointed from Becker County. Motion passed on a voice vote.

** 10-49

Pine County Local Water Management Plan Update – Gene Tiedemann reported that the Northern Water Planning Committee reviewed the Pine County Local Water Management

** 10-50 Plan Update and recommends approval. Moved by Gene Tiedemann, seconded by Keith Mykleseth, to approve the Pine County Local Water Management Plan Update. Motion passed on a voice vote.

Todd County Priority Concerns Scoping Document – Wayne Edgerton reported that the Northern Water Planning Committee reviewed the Todd County Priority Concerns Scoping ** 10-51 Document and recommends approval. Moved by Quentin Fairbanks, seconded by Brian Napstad, to approve the Todd County Priority Concerns Scoping Document. Motion passed on a voice vote.

Southern Water Planning Committee

Cedar River Watershed District Withdrawal of Territory – Paul Langseth reported that a citizen petition to withdraw territory from the Cedar River Watershed District was filed with the Board on September 24, 2009. The proposed withdrawal of territory includes a 40 acre parcel of land in Mower County. The Mower County Auditor-Treasurer issued an auditor's certification of petitioners on December 16, 2009 pursuant to Minn. Stat.103D.211.The Cedar River Watershed District Board of Managers decided not to contest the petition and move forward with the process to remove the land in question. Paul reported that the Southern Water Planning Committee met on May 26, 2010; after review of information, the ** 10-52 Committee unanimously recommends approval of the petition. Moved by Paul Langseth, seconded by Sandy Hooker, to order the boundary of the Cedar River Watershed District be changed per the Petition. LuAnn Tolliver noted for the record that the hydrology of the land does not flow into this watershed district. Discussion followed. Motion passed on a voice vote.

Goodhue County Local Water Management Plan Update – Paul Langseth reported that the Southern Water Planning Committee reviewed the Goodhue County Local Water ** 10-53 Management Plan Update and recommends approval. Moved by Paul Langseth, seconded by Sandy Hooker, to approve the Goodhue County Local Water Management Plan Update. Motion passed on a voice vote.

Yellow Medicine County Comprehensive Local Water Plan Amendment – Paul Langseth reported that the Southern Water Planning Committee reviewed the Yellow Medicine County ** 10-54 Comprehensive Local Water Plan Amendment and recommends approval. Moved by Paul Langseth, seconded by Sandy Hooker, to approve the Yellow Medicine County Comprehensive Local Water Plan Amendment. Motion passed on a voice vote.

Larry Kramka left the meeting at 9:50 a.m. Wayne Edgerton is present to represent DNR.

Grants Program & Policy Committee

FY11 Natural Resources Block Grant – Wayne Zellmer reported that the Grants Program & Policy Committee met on May 25 and June 8. Wayne explained that the Natural Resources Block Grant (NRBG) provides assistance to local governments to implement state natural resource programs. These programs are: Comprehensive Local Water Management, the Wetland Conservation Act, the DNR Shoreland Management, the MPCA County Feedlot, and

the MPCA Subsurface Sewage Treatment Systems. The Grants Program & Policy Committee recommends approval of the Proposed FY '11 Natural Resources Block Grant allocations, with LGUs having flexibility of using allocated funds to support the implementation of these
** program as determined by the grantee. Moved by Louise Smallidge, seconded by Paul Langseth, to authorize staff to allocate appropriate individual grant amounts to counties meeting the NRBG Program requirements as presented, for the Comprehensive Local Water Management, Wetland Conservation Act, and DNR Shoreland Program, Local Governmental Units will have the flexibility of using allocated funds to support the implementation of these
10-55 programs as determined by the grantee. Motion passed on a voice vote.

FY11 SWCD Grant Allocations – Wayne Zellmer reported that the Grants Program & Policy Committee reviewed the FY11 SWCD Grant Allocations and recommends approval. Wayne presented the following grant recommendations:

A. *FY 2011 Native Buffer Cost-Share Grant Program* $385,443 to be allocated to viable unfunded or underfunded FY10 Competitive Grant Program applicants (*shown below*) and, add the remaining $190,557 to the FY 2011 State Cost-Share Base Grants Program (*item B below*);

Ramsey	$90,000	Wright	$22,424
Scott	$25,000	Wabasha	$20,000
Martin	$135,000	Morrison	$40,000
Winona	$53,019		

B. *State Cost-Share Base Grants* $1,145,743
C. *General Services Grants* $2,086,078
D. *Easement Services Grants* $ 344,993
E. *Non Point Engineering Assistance Base Grants* $1,060,000

NPEA Area	Base Grant	Host/Fiscal Agent SWCD	Equipment	Total Grant
1	$115,000	$10,000	$0	**$125,000**
2	$115,000	$5,000	$0	**$120,000**
3	$165,000	$10,000	$15,000	**$190,000**
4	$115,000	$5,000	$0	**$120,000**
5	$115,000	$10,000	$0	**$125,000**
6	$115,000	$5,000	$0	**$120,000**
7	$115,000	$10,000	$0	**$125,000**
8	$115,000	$5,000	$15,000	**$135,000**
			TOTAL	**$1,060,000**

** Moved by Keith Mykleseth, seconded by Louise Smallidge, to approve FY11 SWCD Grant Allocations and authorize staff to allocate funds as presented. Discussion followed. Keith Mykleseth commended staff on the grants process and proposal.

Brian Napstad asked why the Wabasha SWCD would receive funding to comply with an existing ordinance. Discussion followed. Keith Mykleseth recommended this be discussed further at a future committee meeting. Brian requested that Committee recommendations be brought before the full Board for clarification at an upcoming meeting. John Jaschke stated that a comprehensive discussion will be added to a future Board meeting agenda.

** Brian Napstad moved to amend the allocation attachment under the Native Buffer Cost-Share Program Grant for Wabasha SWCD. Strike "out of compliance with shoreland ordinance". Seconded by Sandy Hooker, to approve the amendment. Discussion followed.
10-56 Amendment passed on a voice vote.

10-57 The amended resolution to approve the FY11 SWCD Grant Allocations passed on a voice vote.

MPCA County Subsurface Sewage Treatment Systems (SSTS) Educational Stipend – Wayne Zellmer reported that the 2009 MN Legislature appropriated funding to MPCA for county administration of SSTS programs. The MPCA has made available up to $1,500 per county per biennium for county staff to attend Advanced Designer/Inspector and Service Provider training classes offered by the U of M, OSTP. The Grants Program & Policy Committee recommends approval of the identified 15 reimbursement allocations totaling
** $22,500. Moved by Paul Langseth, seconded by Christy Jo Fogarty, to authorize staff to allocate funds totaling $22,500 to county SSTS education stipend allocations. Faye Sleeper noted that she supervises this program and is abstaining from the vote.

** Rebecca Flood moved to amend the Now Therefore Be it Resolved, to state: "the Board hereby authorizes staff to allocate funds of $1,500 each to eligible counties as determined by MPCA and the University of Minnesota On-Site Sewage Treatment Program". Seconded
10-58 by Paul Langseth, to approve the amendment. Amendment passed on a voice vote.

10-59 The amended resolution passed on a voice vote.

Drainage Records Modernization Grants – Joel Peterson reported that the Drainage Records Modernization grants are to assist counties and watershed districts who administer public drainage systems (governed by 103E) to upgrade their records from old paper copies to electronic versions. In December 2008, the BWSR Board approved $500,000 in funding for Drainage Records Modernization to 22 different drainage authorities. The Grants Program and Policy Committee reviewed the proposed allocation of Drainage Records Modernization Grant funds on June 8, 2010, and recommends that the Board authorize staff to allocate funds as follows: 1) $77,253 to fully fund the partially funded projects from 2008; and 2) the balance ($52,747) to fund the next highest remaining applicant(s) from the 2008 ranking.

** Moved by Louise Smallidge, seconded by Keith Mykleseth, to approve the Drainage Records Modernization Grant and authorize staff to allocate funds as presented. Discussion followed.

** Linda Bruemmer moved to amend the resolution by adding Wright County, showing that they are the next highest ranking. Seconded by Brian Napstad, to approve the amendment. Discussion followed. Paul Langseth spoke against the amendment as Wright County is listed on the ranking. Amendment failed. John Jaschke stated that the 2008 ranking will be filed with the resolution.

10-60 The resolution passed on a voice vote.

FY11 Farm Bill Assistance Grants – Tabor Hoek introduced Tom Kalahar, District Technician, and Jason Beckler, Pheasants Forever Biologist, from Renville SWCD. Tabor explained that the Farm Bill Assistance Program administered by the BWSR provides funding to SWCDs for hiring staff to accelerate implementation of the Federal Farm Bill as well as other state and local conservation projects that involve grasslands and wetlands. The grant process that will be used for FY11 of this ongoing program will be the same as has been used since FY03. BWSR and DNR have secured funding and coordinated the application process. Eligible SWCDs in the Working Lands Initiative Focus Areas will be eligible to receive a 70% state-funded grant. SWCDs are required to provide the remaining match for a total budget of $45,000 for each FTE. The Grants Program & Policy Committee recommends approval of the FY11 Farm Bill Assistance Grant. Tabor distributed a brochure on "Minnesota's Farm Bill Assistance Partnership".

** Moved by Louise Smallidge, seconded by Bob Burandt, to authorize staff to allocate $650,000 and any rollover or carry forward from this Program to the Farm Bill Assistance Grant Program according to these policies. Discussion followed.

Tom Kalahar thanked BWSR for their support. He stated that the success in Renville County is due in part to Jason's technician position. Jason also thanked BWSR for their support. Jason stated that he's very passionate about his position and the work being done with this partnership program. Discussion followed. Tabor explained that the new LCCMR application does expand into northeastern Minnesota for woodcock development. Tabor reported that he, Tom Kalahar and Jason Beckler will present to LCCMR this afternoon requesting expansion of the program. Paul Langseth stated that if the staff is not there the conservation projects
10-61 and programs would not be implemented. Motion passed on a voice vote.

FY11 Feedlot Water Quality and SSTS Imminent Health Threat Grants – Dave Weirens explained that the Grants Program & Policy Committee is requesting approval of a proposal to make unallocated FY10 and FY11 Feedlot Water Quality Improvement, and FY11 SSTS Imminent Health Threat grant funds immediately available in two separate and targeted
** application periods. Moved by Louise Smallidge, seconded by Gene Tiedemann, to authorize staff to finalize, distribute and promote request for proposals for the Feedlot Water Quality

Improvement and SSTS Imminent Health Threat Grant programs and award funds consistent with the resolution and applicable appropriations and statutes. Discussion followed.

10-62 Motion passed on a voice vote.

Authorizing FY11 Contract with the Conservation Corps of Minnesota and Iowa – Dave Weirens reported that the 2009 Legislature required BWSR to contract with the Conservation Corps of Minnesota and Iowa for $500,000 for Clean Water Fund maintenance and restoration activities. In FY10, the Board reserved $200,000 from the Runoff Reduction Grants; $200,000 from the Clean Water Assistance Grants; and $100,000 from the Shoreland Improvement Grants. The proposal for the FY11 contract is to set aside funds from the same grant programs to meet this obligation. The Grants Program and Policy Committee reviewed this issue on May 25, 2010 and recommends adoption of the proposed resolution authorizing BWSR to enter into

** a contract with the Conservation Corps. Moved by Louise Smallidge, seconded by Christy Jo Fogarty, to approve the recommendation and authorizes staff to enter into a contract consistent with this recommendation and as required by Laws of Minnesota 2009, Chapter 172, Article 2,

10-63 Section. Motion passed on a voice vote.

Chair Kramer called for a break in the meeting at 10:55 a.m. The meeting reconvened at 11:10 a.m.

Cost-Share Grant Closeout Policy: Implementation Process – Dave Weirens explained that under current Board procedures, staff closeout all Cost-Share Grants. Staff have developed proposed changes to these procedures in response to continued reductions in funding and to comply with policies of the Office of Grants Management. The proposal is to monitor all Cost-Share Grants, but only closeout a 10% sample of them. The Grant Program and Policy Committee reviewed this proposal and recommends approval of the proposed Cost-Share Grant Program closeout implementation process.

** Moved by Louise Smallidge, seconded by Paul Langseth, to approve the Cost-Share Grant Closeout Policy Procedures as presented. The Board rescinds the current procedure that requires all Cost-Share Grants to be closed-out; and adopts the Cost- Share Grant Program Closeout Policy that includes the following elements:

1) District Grant Closeout Reporting. Districts are required to enter project financial and outcomes information into eLINK and return any unspent funds within 30 days of the conclusion of each grant;

2) BWSR Monitoring Procedures. BWSR will annually monitor District Grant Closeout Reporting consistent with the February 1 reporting deadline and conduct monitoring visits annually for all grants over $250,000 and at least once during the grant period for all grants over $50,000 as required by Office of Grants Management Policy 08-10; and,

3) BWSR Closeout Procedures. BWSR will annually review a minimum of the cost grants of 10% of Districts and all Cost Share Grants that exceeded $50,000 for compliance with contractual requirements of the Cost Share Program.

10-64 Discussion followed. Motion passed on a voice vote.

Authorize FY11 Clean Water Fund and Competitive Grants Program – Dave Weirens explained that the BWSR has been appropriated funds under the Clean Water Fund to make grants to local governments to address water quality needs. Julie Blackburn distributed an updated "FY11 Clean Water Fund Competitive Grants Policy" and presented an overview of the policy. Dave distributed a revised resolution and noted the ranking criteria and scoring process. Julie Blackburn explained that the Pollution Control Agency and the Minnesota Department of Agriculture are also contributing funds to this grant program. BWSR staff are proposing to package all of these funds into a single request for proposals (RFP) that will allow local governments to apply for funds to address needs that are identified in their local water management plan or an approved TMDL implementation plan. The RFP includes separate RFPs for the Competitive Clean Water Grants and the Conservation Drainage Grants. The Grants Program and Policy Committee reviewed this request on May 25, 2010 and June 8, 2010 and recommends approval.

** Moved by Louise Smallidge, seconded by Christy Jo Fogarty, to: 1) authorize staff to finalize, distribute and promote a request for proposals for the Clean Water Fund and Competitive Grants Program consistent with the provisions of Minn. Stat. 103B.3369 and this Board resolution; 2) authorizes staff to allocate technical assistance funds to the Clean Water Fund and Competitive Grants Program and other desirable initiatives; 3) adopts the Clean Water Fund and Competitive Grants Program implementation schedule; and 4) adopts the FY2011 Clean Water Fund Competitive Grants Policy.

Discussion followed. Brian Napstad thanked the Grants Program & Policy Committee for inviting board members to attend their Committee meetings. LuAnn Tolliver asked if training will be provided to LGUs on these grants. Julie stated that yes, information will be provided through a press release. Keith Mykleseth commended staff for the
10-65 efficiencies in moving this process forward. Motion passed on a voice vote.

John Jaschke asked board members to submit their Conflict of Interest Declaration forms.

Wetland Committee

Wetland Conservation Act Guidance Review and Rescind Exceptional Natural Resource Value Guidance – Les Lemm reported that the revised WCA rule was adopted in August 2009, since then staff have been working on updating forms and other documents to assist LGUs and BWSR staff in implementing the program. Les presented a brief overview of the guidance documents: Restoration and Protection of Exceptional Natural Resource Value (ENRV); Wetland Preservation for Replacement Credit; Wetland Delineations: Choosing the Appropriate Method; and Using Aerial Imagery to Assess Wetland Hydrology. These guidance documents have been developed to provide advice and direction on implementing provisions that have been significantly changed from the prior rule, and to address concerns regarding technical requirements to assess wetlands and providing more efficient ways to accomplish these tasks. The Wetland Committee reviewed these documents on May 25 and recommends rescinding the Exceptional Natural Resource Value guidance adopted in October 2003.

Louise Smallidge commended staff for the development of the well done guidance documents. LuAnn Tolliver stated that the Wetland Committee was pleased with the user-friendly format
** and website accessibility. Moved by LuAnn Tolliver, seconded by Gordy Behm, to adopt the Wetland Committee recommendation to rescind the October 22, 2003 ENRV guidance.
10-66 Discussion followed. Motion passed on a voice vote.

NEW BUSINESS

MN Natural Resources Conservation Service – Activities, Initiatives and Direction – Tim Koehler introduced Don Baloun, NRCS State Conservationist; and Carol Radatz, State Soil Scientist. Don explained that he is making an effort to get to each of the 87 NRCS offices statewide; he has been to 35 offices already. Don stated that he recognizes the great partnership that is in place. NRCS is being asked to do more with less the delivery system with SWCDs is under stress, therefore he's planning a workload analysis. Protection of the unique local conservation system is necessary for technical assistance delivery. He has heard many good things about BWSR and thanks BWSR for their great staff assistance. Another concern is getting the soil survey done. Pine County is a concern. Need to look at partnering agreements, NRCS will bring soil scientists in to deal with that. Don is interested in BWSR's input to get the accelerated soil survey done. He appreciates the unique RIM/WRP partnership program; need to look at ways to get things done faster. Don stated that he's pleased to be here.

Tim Koehler reported that eight MRBI proposals have been approved for funding, roughly $4M. Need to look at ranking, sign-up, and must have financial obligations in order by September. Tim appreciated BWSR's support on this; $300,000 targeted for two-years with federal funding available. Don would like to meet with John Jaschke as needed to move forward. Don reported that CSP sign-up is doing well, plenty of applications, hopeful that technical assistance will be available. Don stated that NRCS is being audited. John stated that BWSR staff Greg Larson and Megan Lennon went to LCCMR on Monday with Carol Radatz, to present the soil survey proposal. Carol Radatz thanked BWSR for their support on the soil survey. Chair Kramer thanked Don, Carol and Tim for the presentation today and look forward to working together in the future.

FY08-10 Audit Overview and Response – John Jaschke thanked Rebecca Flood for the use of the template for the audit response. John provided an overview of the Office of the Legislative Auditor (OLA) audit findings and BWSR's response. Chair Kramer explained that he was involved during the audit process. He met with OLA in January regarding the Board's policies and committee structures; he and John met with OLA in April; he participated in the exit interview in May; and OLA would independently contact him and explain their findings. Chair Kramer explained that there was no misuse of funds. Christy Jo Fogarty asked who pays the auditors? John explained that it comes through legislative appropriation. John stated that he will update the Board as progress on each step is made.

AGENCY REPORTS

Minnesota Department of Health (MDH) – Linda Bruemmer reported that MDH is working on source water protection grants (Clean Water Funds); announcement will be made in the next week or two. Chair Kramer thanked Linda for substituting today.

Minnesota Department of Natural Resources (DNR) – Wayne Edgerton reported that the chronic waste disease in the elk herd near Rochester is no longer there; the herd has been killed. Wayne reported that wild deer population was found with bovine tuberculosis.

Minnesota Extension Service (MES) – Faye Sleeper reported that she was in Sierra Leone on a grant from the Minnesota Extension Service, working in an impoverished area on drinking water wells and latrine design; very humbling experience. A life changing opportunity that makes you feel blessed that we are born in the U.S. Faye stated that the University is also faced with budget issues, there will be staff on furlough over the holidays; local Experiment Station offices were hit harder.

Minnesota Pollution Control Agency (MPCA) – Rebecca Flood reported that MPCA is conducting meetings to address concerns on technical amendments on SSTS; the ALJ will only accept comments on proposed changes.

ADVISORY COMMENTS

Minnesota Association of Soil and Water Conservation Districts (MASWCD) – LeAnn Buck thanked the BWSR for the decisions made today on allocations to SWCDs. LeAnn thanked SWCD representatives Louise Smallidge, Bob Burandt and Paul Langseth for their assistance with the allocation process and flexibility. LeAnn invited board members to attend the Water Management Summit on July 12, in St. Cloud. LeAnn reported that MASWCD sent a letter of request to BWSR to look at SWCD workload related to WCA.

UPCOMING MEETINGS

- Board Tour and Meeting – August 25-26, 2010 in Moorhead.

Chair Kramer reminded board members to submit their expense claims. Chair Kramer asked John Jaschke to convey a message at the all staff meeting that board members need to do their part regarding budget reductions. The Board's goal is to reduce expenses by $2500: no April meeting; carpooling encouraged; and board members to attend one annual association meeting rather than two.

** 10-67 Moved by Louise Smallidge, seconded by Brian Napstad, to adjourn the meeting at 1:10 p.m. Motion passed on a voice vote.

Respectfully submitted,

Mary Jo Anderson
Recorder

DRAFT

SPECIAL MEETING
BOARD OF WATER AND SOIL RESOURCES
520 LAFAYETTE ROAD
CONFERENCE ROOM 2B
ST. PAUL, MINNESOTA 55155
WEDNESDAY, AUGUST 4, 2010

BOARD MEMBERS PRESENT: ***roll call attendance***
Bob Burandt, Quentin Fairbanks, Rebecca Flood, MPCA; Larry Kramka, DNR; Brian Napstad, Faye Sleeper, MES; Louise Smallidge

VIA CONFERENCE CALL:
Gordy Behm, Randy Kramer, John Meyer, Keith Mykleseth, John Linc Stine, MDH; Gene Tiedemann, LuAnn Tolliver

BOARD MEMBERS ABSENT:
Paul Brutlag, Christy Jo Fogarty, Sandy Hooker, Paul Langseth, Tom Loveall, Joe Martin, MDA;

STAFF PRESENT:
Mary Jo Anderson, Julie Blackburn, Melissa Lewis, Dave Weirens, Brad Wozney

OTHERS PRESENT:
Ray Bohn, MAWD

DRAFT

Chair Kramer called the meeting to order at 11:02 a.m.

** 10-68 **ADOPTION OF AGENDA** – Moved by Brian Napstad, seconded by Louise Smallidge, to adopt the agenda as presented. Motion passed on a voice vote.

FY11 Clean Water Fund Policy – Julie Blackburn explained that the Board of Water and Soil Resources adopted the FY11 Clean Water Fund Competitive Grants Policy on June 23, 2010. The policy was posted on the BWSR website shortly afterward. Subsequent interpretation and application of the policy has been discussed at a number of meetings involving state and local government officials.

Quentin Fairbanks and Larry Kramka entered the meeting at 11:07 a.m.

Dave Weirens reported that the two specific parts of the policy have been the focus of discussions are: 1) the Policy limits the eligibility of projects that may be proposed by Municipal Separate Storm Sewer System (MS4) permit holders to projects occurring on private land; and 2) the Policy establishes ineligible activities to include regulated point source and water treatment facilities.

Dave presented the proposed adjustments: 1) Municipalities use a variety of legal arrangements and agreements to manage water on both public and private lands within their communities. The distinction between stormwater management to improve water quality occurring on public and private land is not practical or necessary and is therefore proposed to be deleted; and 2) Distinctions between point and non-point source pollution prevention are not interpreted the same between the regulatory MS4 program and water quality improvement grant programs. The adjustments proposed will remove specific references originally included to connect the regulatory and funding programs and instead rely on appropriation and constitutional language that will be noted in the RFP.

Dave explained the proposed changes to **4.0 Ineligible Activities:**

4a) the word "but" would be added, the statement would read, "Stormwater conveyances that collect and move runoff but do not provide meaningful water quality treatment";

4b) the word "Municipal" would be added; the statement would read, "Municipal wastewater treatment or drinking water supply facilities";

** Moved by Keith Mykleseth, seconded by Brian Napstad, to approve the resolution to the FY11 Clean Water Fund Competitive Grants Policy as presented, along with the two word changes to the attachment.

Discussion followed. Larry Kramka questioned using the word "meaningful" in 4a.

** 10-69 Moved by Larry Kramka, to amend the language in attachment 4a, to strike the word "meaningful". Seconded by Quentin Fairbanks. Discussion. The amendment passed on a voice vote.

Keith Mykleseth stated that the League of Minnesota Cities supports the proposed changes. LuAnn Tolliver stated that MAWD is also in favor of these changes. The 10-70 amended resolution with attachment passed on a voice vote.

** 10-71 Moved by Larry Kramka, seconded by Louise Smallidge, to adjourn the meeting at 11:22 a.m. Motion passed on a voice vote.

Respectfully submitted,

Mary Jo Anderson
Recorder

DRAFT

Minnesota Board of Water & Soil Resources

FY '11 Clean Water Fund Competitive Grants Policy

Proposed Revisions August 4, 2010

Purpose

The Clean Water Fund was established to implement part of Article XI, Section 15, of the Minnesota Constitution, with the purpose of protecting, enhancing, and restoring water quality in lakes, rivers, and streams in addition to protecting groundwater and drinking water sources from degradation. The purpose of this policy is to provide clear expectations for implementation of funds appropriated to BWSR associated with Clean Water Fund (CWF) grants. The appropriation language governing the use of these funds can be found in MN Session Laws 2009, Chapter 172 and MN Session Laws 2010, Chapter 361.

BWSR will use grant agreements as contracts for assurance of deliverables and compliance with appropriate statutes, rules and established policies. Willful or negligent disregard of relevant statutes, rules and policies may lead to imposition of financial penalties on the grant recipient.

1.0 Applicant Eligibility Criteria and Requirements

Local government units (LGUs) are eligible to receive grant funds if they are working under a current state approved and adopted local water management plan[1]. All activities must be consistent with an approved TMDL implementation plan or current watershed management plan, county comprehensive local water management plan, metropolitan local water plan, metropolitan groundwater plan, surface water intake plan or well head protection plan that has been state approved and locally adopted by November 1, 2010. The 2011 Clean Water Fund Request for Proposals will identify more specific requirements or eligibility restrictions when specified by statute or appropriation language.

2.0 Match Requirements

A local match equal to at least 25% of the amount of Clean Water Funds requested and/or received is required. Matching cash or in-kind cash value provided by the landowner, land occupier, local government or other local source may be used to match CWF grants.

3.0 Eligible Activities

The primary purpose of activities funded with grants associated with the Clean Water Fund is the control, reduction or prevention of chemical or nutrient runoff, soil erosion, sedimentation, runoff volume or materials that affect human or aquatic system health. Eligible activities can consist of structural practices, non-structural

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[1] For the purposes of this policy watershed management organizations and metro watershed districts are not eligible if the management plan is more than 10 years beyond the BWSR plan approval date unless the plan states a lesser period of time; non-metro state watershed districts are not eligible if the plan is more than 11 years 3 months beyond the BWSR approval date; and counties are not eligible if the management plan is more than 10 years beyond the BWSR approval date unless properly extended.

practices and measures, project support activities, and grant administration and reporting requirements. Technical and engineering assistance components necessary to implement these activities are considered essential and are to be included in the total project or practice cost.

3.1 Structural Practices and Projects:

Best Management Practices

a) Must be designed and maintained for a minimum effective life of ten years,

b) Operation and maintenance for the life of the practice shall be included with the design standards,

c) An inspection schedule and procedure shall be included as a component of maintaining the effectiveness of the practice, and

d) The local unit of government must provide assurances that the landowner or land occupier will keep the project in place for the expected lifespan of the project. Such assurances may include easements, enforceable contracts, and termination or performance penalties. BWSR may allow replacement of a practice that does not comply with expected lifespan requirements with a practice that provides equivalent water quality benefits.

Capital Improvement Projects

a) Must be designed and maintained for a minimum effective life of 25 years,

b) Operation and maintenance for the life of the project shall be included with the design standards,

c) An inspection schedule and procedure shall be included as a component of maintaining the effectiveness of the project, and

d) The local unit of government must provide assurances that the landowner or land occupier will keep the project in place for the expected lifespan of the project. Such assurances may include easements, enforceable contracts, and termination or performance penalties. BWSR may allow replacement of a practice that does not comply with expected lifespan requirements with a practice that provides equivalent water quality benefits.

3.2 Non-Structural Practices And Measures

Incentives may be used to encourage landowners to install or adopt land management practices that improve or protect water quality. Incentive payments and enhanced protection measures should be reasonable and justifiable, supported by LGU policy, consistent with prevailing local conditions, and must be accomplished using established standards.

3.3 Project Support Activities

Civic engagement, public outreach, and other activities which directly support or supplement the goals and outcomes expected with the implementation of items identified in 3.1 and 3.2 above.

3.4 Grant Administration and Reporting

All grant recipients are required to report on the outcomes, activities, and accomplishments of Clean Water Fund grants. Up to 5% of the grant funds may be used for local grant administration and reporting.

DRAFT

4.0 Ineligible activities

Projects or practices that address the following will not be considered:

a) Stormwater conveyances that collect and move runoff but do not provide water quality treatment;
b) Municipal wastewater treatment or drinking water supply facilities;
c) Meeting or implementing existing official controls that control the physical development of the whole or part of a local government unit; and
d) That have the primary purpose of water quality monitoring or assessment.

5.0 Structural Practice and Project Requirements

In order to insure long-term public benefit of structural practices and projects, the following requirements must be met by all grant recipients.

5.1 Technical and Engineering Components

Technical and/or engineering expertise is required to develop, install and inspect projects. Grant recipients will be required to submit documentation in their workplan outlining:

a) Who will provide technical assistance for each of the practices or projects to be implemented, their credentials for providing this assistance, or the method for selecting appropriate technical providers, and
b) Approved design, construction, operation and maintenance standards for the practices or projects to be implemented.

BWSR reserves the right to review the qualifications of all persons providing technical assistance.

5.2 Practice or Project Construction and Sign-Off

The LGU shall verify that the practice or project was properly installed and completed according to the plans and specifications, including technically approved modifications, prior to authorization for payment by the LGU.

5.3 Post Construction and Follow Up Activities

To ensure that a practice or project is functioning properly, an operation and maintenance plan tailored to fit the site shall be developed. The operation and maintenance plan should identify all of the maintenance activities that are needed and specify how they will be accomplished. The plan shall be reviewed with the land owner or occupier before installation of the practices or projects.

LGUs shall assure that the operation and maintenance plan is being followed and that the practices or projects are functioning as designed by conducting periodic site inspections.

6.0 Grantee Administration of Clean Water Fund Grants

LGUs have the responsibility to approve expenditure of funds within their organization. The LGU administering the grant must approve or deny expenditure of funds. The action taken must be documented in the LGU board's meeting minutes.

All LGU expenditure of funds providing financial assistance to landowners requires a contract with the landowner. The contract must adequately address all the lifespan and operation and maintenance requirements of the practice or project as provided by this policy. The contract must specify what LGU enforcement

provisions are, up to and including repayment of cost share funds at a rate up to 150% of the original landowner agreement. BWSR recommends all contracts be reviewed by the LGUs legal counsel.

Grant reporting, fiscal management, and administration requirements are the responsibility of the grant recipient.

7.0 BWSR Grant Closeout and Reporting Requirements

BWSR staff is authorized to develop grant agreements, including requirements and processes for fiscal closeouts, and project outcomes reporting.

7.1 BWSR Grant Closeout Procedures

a) BWSR staff will review grant recipient compliance with contractual requirements in a manner which is consistent with the policies established by the Office of Grants Management and adopted by the BWSR Board.

b) Elements described in the project workplan will be reviewed in the grant close-out.

c) Project files for CWF expenditures including landowner contact information, contracts, bills and invoices, inspection schedule, structural practice and project operation and maintenance information, design plans, and miscellaneous communication must be retained by the LGU pursuant to MS 138.17 and consistent with ongoing record retention schedules.

d) In the event there is a contract violation, BWSR will enforce the grant agreement including repayment of grant funds at a rate up to 150% of the grant agreement.

DRAFT

Board Resolution # 10-70

FY 2011 CLEAN WATER FUND AND COMPETIVE GRANTS PROGRAM: POLICY AND REQUEST FOR PROPOSALS

WHEREAS, on June 23, 2010 the Board of Water and Soil Resources (BWSR) adopted resolution #10-65 that included adoption of the FY2011 Clean Water Fund Competitive Grants Policy; and,

WHEREAS, the Policy was posted on the BWSR website on June 25, 2010 and has been discussed at a number of meetings with BWSR and local government staff since that time; and,

WHEREAS, local governments have expressed the concerns listed below:

- The Policy limits the eligibility of projects that may be proposed by Municipal Separate Storm Sewer System (MS4) permit holders to projects occurring on private land, and
- The Policy provides that ineligible activities include regulated point source and water treatment facilities; and,

WHEREAS, BWSR staff have evaluated these concerns and are recommending changes to the Policy in sections 3.0 Eligible Activities and 4.0 Ineligible Activities as identified in the attachment (FY'11 Clean Water Fund Competitive Grants Policy – Proposed Revisions July 29, 2010).

NOW THEREFORE BE IT RESOLVED, the Board hereby amends the FY'11 Clean Water Fund Competitive Grants Policy as provided in the attachment (FY'11 Clean Water Fund Competitive Grants Policy – Proposed Revisions July 29, 2010) and as modified at the August 4 Special Board meeting (see attachment - FY'11 Clean Water Fund Competitive Grants Policy – Proposed Revisions August 4, 2010).

Randy Kramer

Randy Kramer, Chair
Board of Water and Soil Resources

Date: August 4, 2010

Attachment:

FY'11 Clean Water Fund Competitive Grants Policy – Proposed Revisions July 29, 2010
FY'11 Clean Water Fund Competitive Grants Policy – Proposed Revisions August 4, 2010

Board of Water and Soil Resources
Grants Conflict of Interest Declaration

Meeting: Board of Water & Soil Resources Meeting **Date: August 26, 2010**
Agenda Item: Minnesota River Board, Fiscal Year 2011 Work Plan and Grant

Policy 08-01: Grants Conflict of Interest Minnesota state agencies must work to deliberately avoid both actual and perceived conflicts of interest related to grant-making at both the individual and organizational levels. When a conflict of interest concerning state grant-making exists, transparency shall be the guiding principle in addressing it.

Grant Making Meeting Procedure
Meetings that are part of the grant making process will include an agenda item to identify and disclose actual or perceived conflicts of interest. During this agenda item, the chair of the meeting shall make a statement that defines what a conflict of interest is and a request that meeting participants disclose any actual or perceived conflicts. This statement is as follows:

Agenda Item: Conflicts of Interest Declaration.
Chair Statement: *"A conflict of interest whether actual or perceived occurs when someone in a position of trust has competing professional or personal interests and these competing interests make it difficult to fulfill professional duties impartially. At this time, members are requested to identify any potential conflicts of interest they may have regarding today's business."*

This form provides Board of Water and Soil Resources (BWSR) grant reviewers an opportunity to disclose any conflicts of interest, or potential for conflicts of interest that exist during a grant making process. It is the grant reviewer's obligation to be familiar with the Conflict of Interest Policy for State Grant-Making and to disclose any conflicts of interest. The grant reviewer is not required to explain the reason for the conflict of interest as this form is considered public data under Minn. Statute 13.599-Grants. **A disclosure does not automatically result in the grant application reviewer being removed from the review process.**

Please read the descriptions of conflict of interest below and mark the appropriate box that pertains to you and your status as a reviewer of this grant.

Descriptions of conflicts of interest: - A conflict of interest shall be deemed to exist when a review of the situation by the grant reviewer (or other agency personnel) determines any one of the following conditions to be present:

(a) A grant reviewer uses his/her status or position to obtain special advantage, benefit, or access to the grantee or grant applicant's time, services, facilities, equipment, supplies, badge, uniform, prestige, or influence.

(b) A grant reviewer receives or accepts money or anything else of value from a state grantee or grant applicant or has equity or a financial interest in or partial or whole ownership of an applicant organization.

(c) A grant reviewer is an employee of a grant applicant or is a family member of anyone involved in the grantee or grant applicant's agency.
(d) A grant reviewer is in a position to devise benefit by directly influencing a grant-making process to favor an organization the grant reviewer has an interest in.

- ☐ Based on the descriptions above, I do not have a conflict of interest.
- ☐ Based on the descriptions above, I have or may have an actual or perceived conflict of interest, which I am listing below. *(The grant reviewer should list the specific grant-making evaluation, recommendation, or allocation with which they may have a conflict of interest. The grant reviewer may describe the nature of the conflict in the space below, but this information is not required since this form is considered public information.)*

  _____
  _____
  _____
  _____
  _____

  (*continue below or on an attachment if needed*)

- ☐ Based on the descriptions above, I am unable to participate in this evaluation, recommendation or allocation process because of a conflict of interest.

If at any time during the grant-making process I discover a conflict of interest, I will disclose that conflict to the meeting chair immediately.

Name:_____

Signature:_____

All forms must be submitted to the lead staff for the meeting and filed with the meeting agenda by the BWSR Grant Coordinator upon completion.

Board of Water and Soil Resources
Grants Conflict of Interest Declaration

Meeting: Board of Water & Soil Resources Meeting **Date: August 26, 2010**
Agenda Item: Area II Minnesota River Basins Project Inc. Grant

Policy 08-01: Grants Conflict of Interest Minnesota state agencies must work to deliberately avoid both actual and perceived conflicts of interest related to grant-making at both the individual and organizational levels. When a conflict of interest concerning state grant-making exists, transparency shall be the guiding principle in addressing it.

Grant Making Meeting Procedure
Meetings that are part of the grant making process will include an agenda item to identify and disclose actual or perceived conflicts of interest. During this agenda item, the chair of the meeting shall make a statement that defines what a conflict of interest is and a request that meeting participants disclose any actual or perceived conflicts. This statement is as follows:

Agenda Item: Conflicts of Interest Declaration.
Chair Statement: *"A conflict of interest whether actual or perceived occurs when someone in a position of trust has competing professional or personal interests and these competing interests make it difficult to fulfill professional duties impartially. At this time, members are requested to identify any potential conflicts of interest they may have regarding today's business."*

This form provides Board of Water and Soil Resources (BWSR) grant reviewers an opportunity to disclose any conflicts of interest, or potential for conflicts of interest that exist during a grant making process. It is the grant reviewer's obligation to be familiar with the Conflict of Interest Policy for State Grant-Making and to disclose any conflicts of interest. The grant reviewer is not required to explain the reason for the conflict of interest as this form is considered public data under Minn. Statute 13.599-Grants. **A disclosure does not automatically result in the grant application reviewer being removed from the review process.**

Please read the descriptions of conflict of interest below and mark the appropriate box that pertains to you and your status as a reviewer of this grant.

Descriptions of conflicts of interest: - A conflict of interest shall be deemed to exist when a review of the situation by the grant reviewer (or other agency personnel) determines any one of the following conditions to be present:

(a) A grant reviewer uses his/her status or position to obtain special advantage, benefit, or access to the grantee or grant applicant's time, services, facilities, equipment, supplies, badge, uniform, prestige, or influence.

(b) A grant reviewer receives or accepts money or anything else of value from a state grantee or grant applicant or has equity or a financial interest in or partial or whole ownership of an applicant organization.

(c) A grant reviewer is an employee of a grant applicant or is a family member of anyone involved in the grantee or grant applicant's agency.
(d) A grant reviewer is in a position to devise benefit by directly influencing a grant-making process to favor an organization the grant reviewer has an interest in.

- ☐ Based on the descriptions above, I do not have a conflict of interest.
- ☐ Based on the descriptions above, I have or may have an actual or perceived conflict of interest, which I am listing below. *(The grant reviewer should list the specific grant-making evaluation, recommendation, or allocation with which they may have a conflict of interest. The grant reviewer may describe the nature of the conflict in the space below, but this information is not required since this form is considered public information.)*

  _____
  _____
  _____
  _____
  _____

  (*continue below or on an attachment if needed*)

- ☐ Based on the descriptions above, I am unable to participate in this evaluation, recommendation or allocation process because of a conflict of interest.

If at any time during the grant-making process I discover a conflict of interest, I will disclose that conflict to the meeting chair immediately.

Name:_____

Signature:_____

All forms must be submitted to the lead staff for the meeting and filed with the meeting agenda by the BWSR Grant Coordinator upon completion.

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Dispute Resolution Committee Report

Meeting Date: August 26, 2010

Agenda Category: ☐ Committee Recommendation ☐ New Business ☐ Old Business
Item Type: ☐ Decision ☐ Discussion ☒ Information
Section/Region: Land and Water Section
Contact: Travis Germundson
Prepared by: Travis Germundson
Reviewed by: _____ Committee(s)
Presented by: Randy Kramer

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED
None

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Dispute Resolution Committtee Report. The report provides a monthly update on the number of appeals filed with the BWSR.

Dispute Resolution Report
August 13, 2010,
by: Travis Germundson

There are presently **15** appeals pending. All of the appeals involve WCA except File 05-24 and File 10-10. There has been **1** new appeal filed since the last report dated June 23, 2010.

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Format note: New appeals that have been filed since last report to the Board.
~~Appeals that have been decided since last report to the Board.~~

Note: An appeal has been file with the Court of Appeals by the City of Hawley to contest the Board's June 23, 2010 Order Prescribing a Revised Watershed Management Plan for the Buffalo Red River Watershed District. The appeal was file with the Court on July 21, 2010.

File 10-11 (8-9-10) This is an appeal of a restoration order in St. Louis County. The appeal regards the excavation and filling of approximately 79,420 square feet in a Coniferous Bog (Type 8 Wetland). The petition request that the appeal be placed in abeyance and the restoration order stayed for submittal of an exemption/no loss determination from St. Louis County. No decision has been made on the appeal.

File 10-10 (6-10-10) This is an appeal filed under Minn. Stat. 103D.535 regarding an order of the managers of the Wild Rice Watershed District not to go forward with the Upper Becker Dam Enhancement Project as proposed. Appeals filed under 103D.535 require that the Board follow the Administrative Procedures Act. The Act requires that the hearing be conducted by an Administrative Laws Judge through the Office of Administrative Hearings. No decision has been made on the appeal.

~~File 10-9 (4-1-10). This is an appeal of a restoration order in Stearns County. The appeal regards the cleaning/straightening/rerouting of a drainage ditch system resulting in approximately 15.54 acres of wetland impact. The appeal has been placed in abeyance and the restoration order stayed until the LGU makes a final decision on the landowner's after-the-fact application for exemption.~~ *The RO has been rescinded and the appeal dismissed (request for drainage exemption approved).*

File 10-8 (3-19-10). This is an appeal of a restoration order in Lyon County. The appeal regards the installation of an agricultural drainage system resulting in approximately 3.25 acres of impact to a Type 2 wetland. The appellant has granted BWSR additional time to make a decision on the appeal. No decision has been made on the appeal.

File 10-7 (2-19-10) This is an appeal of a restoration order in Stearns County. The appeal regards draining and filling impacts to approximately 18.44 acres of Type2/3 wetland and 3.06 acres of Type 2 wetland. The appeal has been placed in abeyance and the restoration order stayed for submittal of "as built" or project information pertaining to a public drainage system.

File 10-4 (1-29-10) This is an appeal of a wetland banking plan decision in Koochiching County. The appeal regards the approval of a 71.3 acre wetland banking plan application at 80 percent eligibility by the Koochiching County Board. This regards the same banking plan application appealed under File 09-18. *That appeal was remanded. The appeal has been granted and a verbal settlement agreement is being drafted for consideration.*

File 10-3 (2-1-10) This is an appeal of a restoration order in Stearns County. The appeal regards the placement of agricultural drain tile and the straightening and rerouting of a county ditch that resulted in over 12 acres of wetland impacts. The appellant has granted BWSR additional time to make a decision on the appeal. No decision has been made on the appeal.

File 09-22 (10-02-09) This is an appeal of a restoration order in Carlton County. The appeal regards three separate investigation areas encompassing over 18 acres of wetland impacts from excavation, filling, and ditching. The replacement order has been stayed and the appeal has been placed in abeyance pending further technical work and for submittal of complete wetland replacement plan, exemption, or no-loss application.

~~File 09-21 (09-30-09) This is an appeal of a restoration order in Polk County. The appeal regards the placement of approximately 1.1 acres of fill in a type 2/3 wetland adjacent to Lake Sarah. The replacement order has been stayed and the appeal has been placed in abeyance pending further technical work and for submittal of complete wetland replacement plan, exemption, or no-loss application~~. The appeal has been dismissed. Conditions of the Restoration Order have been met and a Certificate of Satisfactory Restoration/Replacement has been issued.

File 09-13 (8-20-09) This is an appeal of an exemption decision in Otter Tail County. The appeal regard the denial of an exemption request for agricultural/drainage actives. A previous denial of the same exemption decision had been appealed (File 09-6). The appeal was remanded for further technical evaluation and a hearing, and now the current denial has been appealed. The appeal has been granted. A pre hearing conference convened on November 12, 2009. At which time parties agreed to hold off scheduling written briefs until March 2010.

File 09-10 (7-9-09) This is an appeal of a banking plan application in Aitkin County. The appeal regards the LGU's denial of a banking plan application to restore 427.5 acres of wetlands through the use of exceptional natural resource value. The appeal has been accepted and pre-hearing conferences convened on October 13 and 30, and December 14, 2009. Settlement discussions are ongoing.

File 09-3 (2-20-09) This is an appeal of a replacement plan decision in Anoka County. The appeal regards the approval of a wetland replacement plan for 11,919 square feet of impacts associated with a residential development. The appeal has been placed in abeyance and the replacement plan decision stayed for submittal of a revised replacement plan application at the request of the petitioner.

~~File 09-2 (2-19-09) This is an appeal of a restoration order in Stearns County. The appeal regards the filling of approximately 6,833 square feet of a type 5 wetland with various debris materials. No decision has been made on the appeal.~~ *The appellant has complied with the RO and a Certificate of Satisfactory Completion was issued. Appeal has been dismissed.*

File 08-9. (03/06/08) This is an appeal of a replacement order in Pine County. The appeal regards impacts to approximately 11.26 acres of wetland. The replacement order has been stayed and the appeal has been placed in abeyance pending further technical work.

File 08-4. (01/24/08) This is an appeal of no-loss and exemption decisions in Waseca County. In addition to the no-loss decision, at issue are denials of the agricultural exemption, approved development exemption, incidental wetland exemption, and claims of numerous procedural issues that were prejudicial to the applicants. The mandamus action regarding Minn. Stat. § 15.99 (60-day rule) is complete and the temporary injunction lifted. The timeline for the remand was extended to July 14, 2010.

File 06-23. (05/19/06) This is an appeal of a replacement plan decision in Kanabec County. The LGU denied the wetland replacement plan application. A previous denial of the same replacement plan application had been appealed, the appeal was remanded for a hearing, and now the current denial has been appealed. The appeal has been placed in abeyance pending the outcome of a lawsuit between the landowner and the county. The lawsuit concerns the county's possible noncompliance with the 60-day rule. The county prevailed in district court, however the decision was appealed to the Court of Appeals where the county again prevailed. An appeal to the Minnesota Supreme Court was denied review. It is likely the appeal will soon be placed on the calendar for DRC proceedings.

File 06-17. (05/27/06) This is an appeal of a replacement plan decision in the City of Montgomery in LeSueur County. The LGU denied an after-the-fact wetland replacement plan application based on a lack of sufficient reasons why the restoration could not be completed. The appeal has been remanded for further processing at the local level.

~~File 06-12. (04/13/06) This is an appeal of a no-loss decision in Stearns County. It involves the same project and issues as File 06-6. After a restoration order was issued, a no-loss application was submitted by the developer and denied by the LGU. The appeal has been remanded for further technical evaluation.~~ *The appeal has been settled through the purchase of wetland banking credits.*

~~File 06-6. (02/16/06) This is an appeal of a restoration order in Stearns County. At issue are numerous wetlands impacted by filling, sedimentation, reduction of hydrology and lack of Best Management Practices associated with a residential development. The appeal has been denied in part. The Restoration Order has been affirmed in part and has been stayed in part.~~ *The appeal has been settled through the purchase of wetland banking credits.*

~~File 05-24. (03/04/05) This is an appeal, actually three appeals, of the Bois de Sioux Watershed District compensation to landowners related to a project. The appeal has been held in abeyance pending settlement discussions. It appears at least two of the appeals have been settled.~~ *The appeal has been dismissed due to length of time with no action.*

File 05-1. (01/13/05) This is an appeal of a replacement plan decision by the Rice Creek Watershed District. The District previously made a decision that was appealed which resulted in a remand for an expanded TEP. Now there is an appeal of the decision made under remand since the decision differed from the TEP report. At issue is a wetland delineation and the Comprehensive Wetland Protection and Management Plan that BWSR approved. After a hearing before the DRC, the board remanded the matter for a new wetland delineation and for submission on an updated, complete replacement plan application. On 12-9-09 the District made a new wetland delineation decision. The applicant has not yet submitted a updated replacement plan application.

Draft Summary Table

Type of Decision	Total for Calendar Year 2009	Total for Calendar Year 2010
Order in favor of appellant		
Order not in favor of appellant	10	3
Order Modified	1	
Order Remanded	4	
Order Place Appeal in Abeyance	3	3
Negotiated Settlement		
Withdrawn/Dismissed	9	1

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

1. Capitol Region Watershed District Watershed Management Plan – Jim Haertel – ***DECISION ITEM***

2. Carnelian-Marine-St. Croix Watershed District Watershed Management Plan – Jim Haertel – ***DECISION ITEM***

3. Chisago County Comprehensive Local Water Management Plan Amendment and Extension – ***DECISION ITEM***

4. Plan Amendment to the Shingle Creek and West Mississippi Watershed Management Organizations' Watershed Management Plan – Jim Haertel – ***DECISION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: CRWD Watershed Management Plan

Meeting Date: August 26, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business
Item Type: ☒ Decision ☐ Discussion ☐ Information
Section/Region: Metro
Contact: Jim Haertel
Prepared by: Melissa Lewis
Reviewed by: Metro Water Planning Committee(s)
Presented by: Jim Haertel

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☒ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested
☐ Other:

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

ACTION REQUESTED
Approval of Capitol Region Watershed District Watershed Management Plan

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
The Capitol Region Watershed District (District) was established in 1998 and the first watershed management plan was adopted in 2000. The District encompasses 40.6 square miles of fully urbanized and developed land in the southern portion of Ramsey County. The District includes portions of Falcon Heights, Lauderdale, St. Paul, Maplewood, and Roseville. A number of water resources are located within the boundaries of the District including Como, McCarrons, Loeb, and Crosby lakes as well as several wetlands. The mission of the District is to protect, manage and improve the water resources of the Capitol Region Watershed District.

The Plan provides for the protection, management, and improvement of the water resources of the District and was prepared with extensive citizen, technical, and community review and input. The draft revised Plan was submitted to the Board, other state agencies, and local governments for the 60-day review on October 22, 2009. A public hearing was held on February 3, 2010 and there were no comments received. On April 7, 2010, the draft revised Plan was sent to the review agencies for the 45-day review period. The final draft of the revised Plan was received by the Board on July 23, 2010.

The primary issue areas of the plan include: education and outreach, urban stormwater management, monitoring and data assessment, future trends, funding and organization, regulations and enforcement, and ecosystem health. The District places great value on working with partners in order to explore new ideas, increase efficiency, prevent duplication of effort, and save money when promoting best practices across the watershed. The highlights of the plan include:

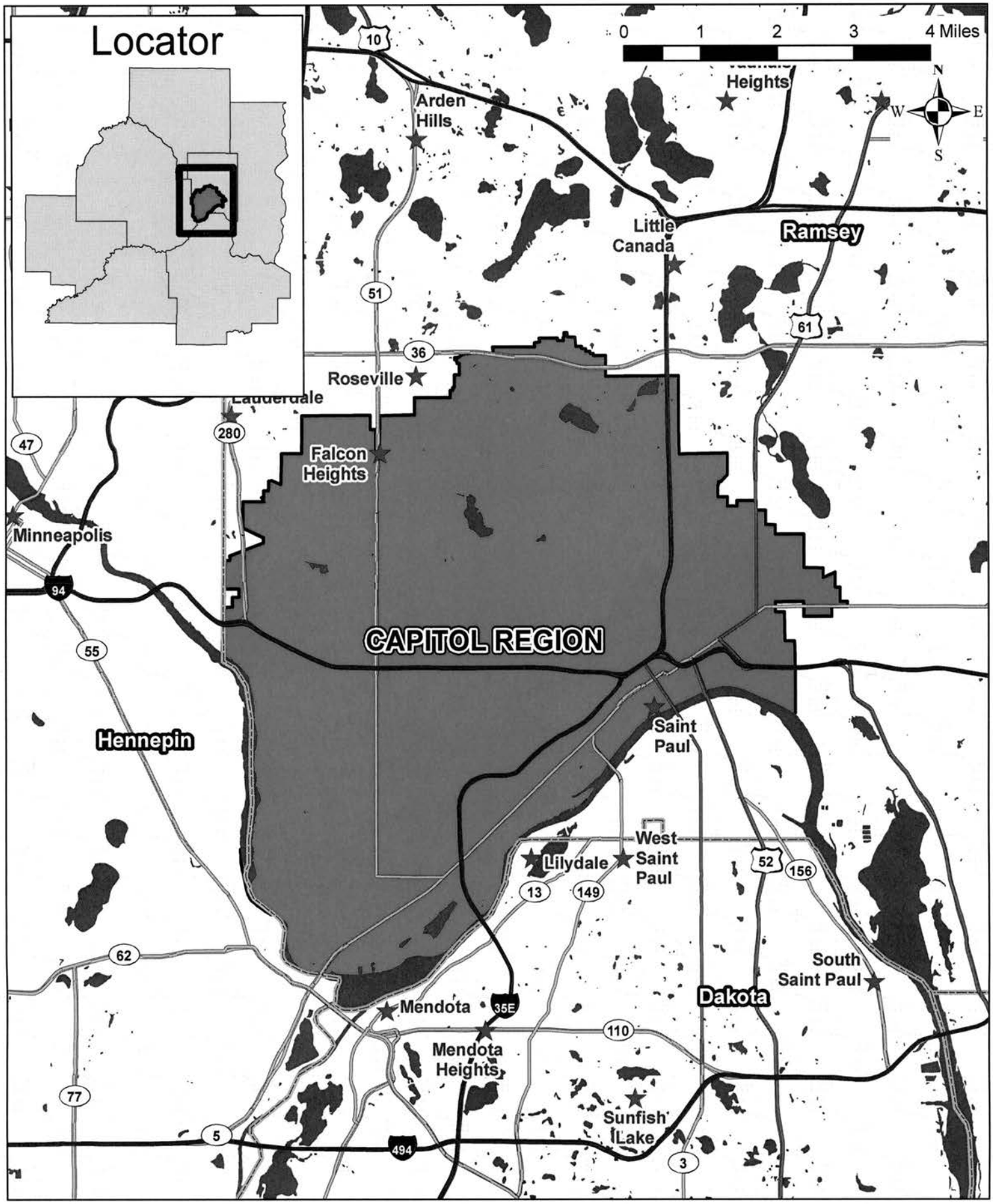
- An education and outreach plan that meets the needs of the diverse population of the District.
- A focus on urban stormwater management including investigating new stormwater management techniques, promoting green infrastructure, and addressing storm sewer infrastructure capacity and corresponding flooding problems.

- A data collection and assessment program for monitoring the effectiveness of district programs as well as for conveying messages to the public about stormwater.
- A commitment to staying up to date on new and innovative stormwater management approaches given the highly developed nature of the watershed and limits of traditional practices.
- A diversified funding plan that recognizes cost savings through partnerships and coordination.
- A commitment to keeping rules up to date and clear, improving compliance and inspections, and coordinating rules with other local, state, and federal regulatory requirements.
- A dedication to promoting healthy and viable ecosystems through the Bringing Water Back campaign.

Overall, the Plan is well-written and comprehensive.

The Metro Water Planning Committee met on August 4, 2010. After review of the information, the Committee unanimously voted to recommend approval of the Revised Plan per the attached draft Order.

Capitol Region Watershed District



Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of the review of the Watershed Management Plan for the **Capitol Region Watershed District**, pursuant to Minnesota Statutes Section 103B.231, Subdivision 9.

ORDER APPROVING WATERSHED MANAGEMENT PLAN

Whereas, the Board of Managers of the Capitol Region Watershed District (District) submitted a Watershed Management Plan (Plan) dated July 21, 2010, to the Minnesota Board of Water and Soil Resources (Board) pursuant to Minnesota Statutes Section 103B.231, Subd. 9, and;

Whereas, the Board has completed its review of the Plan;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions and Order:

FINDINGS OF FACT

1. **Watershed District Establishment.** The District was established in 1998 and the first watershed management plan was adopted in 2000. The mission of the District is to protect, manage and improve the water resources of the Capitol Region Watershed District.

2. **Authority to Plan.** The Metropolitan Surface Water Management Act requires the preparation of a watershed management plan for the subject watershed area which meets the requirements of Minnesota Statutes Sections 103B.201 to 103B.251. The current District watershed management plan was approved by Board Order on December 13, 2000. The watershed management plan may be revised according to Minnesota Statutes Section 103B.231, Subd. 9.

3. **Nature of the Watershed.** The District encompasses 40.6 square miles of fully urbanized and developed land in the southern portion of Ramsey County. The District includes portions of Falcon Heights, Lauderdale, St. Paul, Maplewood, and Roseville. A number of valuable water resources are located within the boundaries of the District including Como, McCarrons, Loeb, and Crosby lakes as well as several wetlands.

4. **Plan Development and Review.** The Plan provides for the protection, management, and improvement of the water resources of the District and was prepared with extensive citizen, technical, and community review and input. The primary issue areas of the plan include:

education and outreach, urban stormwater management, monitoring and data assessment, future trends, funding and organization, regulations and enforcement, and ecosystem health. The District places great value on working with partners in order to explore new ideas, increase efficiency, prevent duplication of effort, and save money when promoting best practices across the watershed.

The draft revised Plan was submitted to the Board, other state agencies, and local governments for the 60-day review on October 22, 2009. A public hearing was held on February 3, 2010 and there were no comments received. On April 7, 2010, the draft revised Plan was sent to the review agencies for the 45-day review period. The final draft of the revised Plan was received by the Board on July 23, 2010.

5. **Local Review.** The District distributed copies of the draft Plan to local units of government for their review pursuant to Minnesota Statutes Section 103B.231, Subd. 7.

   Ramsey County. The County found the plan to be thorough and well-organized and requested a few minor clarifications.

   Ramsey Conservation District. The Conservation District provided compliments on the Plan, expressed interest in ongoing partnerships, and noted a few corrections.

   City of Maplewood. The city requested a definition for green infrastructure be included in the Plan and noted a number of new and ongoing opportunities for cooperative efforts. The city also requested increased communications between different classes of employees within government units.

   City of St. Paul. The city believes the Plan will be a catalyst for further collaboration and requested that the District coordinate projects with the city's Water Resource Work Group. The City also stated that the Plan should further leverage joint resources and minimize duplication of efforts, the proposed subwatershed management plans will require additional collaboration so District projects do not preclude or limit City obligations and programs, and that all minor amendments should be implemented through interagency collaboration process, and listed a number of unresolved issues identified in the Plan development. The city also expressed concern with specific standards and application of those standards and emphasized the need for interagency collaboration. The District addressed all comments.

6. **Metropolitan Council Review.** The Council stated that the Plan is an excellent example of how to manage the challenges of a fully developed urban watershed and found the plan to be consistent with the Council's *Water Resources Management Policy Plan*.

7. **Department of Agriculture Review.** The MDA did not comment on the Plan.

8. **Department of Health Review.** The MDH did not comment on the Plan.

9. **Department of Natural Resources Review.** The DNR found the Plan to be comprehensive and concurs with the watershed approach used in the Plan. The DNR provided draft guidelines for stream bank restoration projects and lakeshore restoration projects.

10. **Pollution Control Agency Review.** The PCA commented on the phosphorus goals for Como and McCarrons lakes, recommended goals for reestablishment of floodplain, and expressed concern with day-lighting underground stormwater conveyance systems. The District addressed all comments.

11. **Department of Transportation Review**. The DOT provided a number of editorial and technical comments and requested clarification of some monitoring and modeling information. The DOT also requested clarification as to the scope of the urban stormwater management, monitoring and data assessment, and regulation and enforcement issues and goals. All comments were addressed.

12. **Board Review.** Board staff found the Plan to be well written and comprehensive. Board staff requested minor clarifications, further information, and additional cross-references in the implementation section; and revisions to the wetland management strategy in Appendix D of the Plan. All comments were sufficiently addressed.

13. **Plan Summary and Highlights.** The highlights of the plan include:
    - An education and outreach plan that meets the needs of the diverse population of the District.
    - A focus on urban stormwater management including investigating new stormwater management techniques, promoting green infrastructure, and addressing storm sewer infrastructure capacity and corresponding flooding problems.
    - A data collection and assessment program for monitoring the effectiveness of district programs as well as for conveying messages to the public about stormwater.
    - A commitment to staying up to date on new and innovative stormwater management approaches given the highly developed nature of the watershed and limits of traditional practices.
    - A diversified funding plan that recognizes cost savings through partnerships and coordination.
    - A commitment to keeping rules up to date and clear, improving compliance and inspections, and coordinating rules with other local, state, and federal regulatory requirements.
    - A dedication to promoting healthy and viable ecosystems through the *Bringing Water Back* campaign.

14. **Metro Water Planning Committee Meeting.** On August 4, 2010, the Board's Metro Water Planning Committee and staff met with a representative from the District in St. Paul to review and discuss the Plan. Those in attendance from the Board's Committee were Rebecca Flood, Louise Smallidge, Faye Sleeper, LuAnn Tolliver and Robert Burandt as chair. Board staff in attendance were Metro Region Supervisor Jim Haertel and Board Conservationist Melissa Lewis. The representatives from the District were District Board members Joe Collins, Marylyn Deneen, and Seitu Jones and District staff Bob Fossum. Board staff recommended approval of the Plan. After discussion, the Committee unanimously voted to recommend approval of the Plan to the full Board.

CONCLUSIONS

1. All relevant substantive and procedural requirements of law and rule have been fulfilled.
2. The Board has proper jurisdiction in the matter of approving a Watershed Management Plan for the Capitol Region Watershed District pursuant to Minnesota Statutes Section 103B.231, Subd. 9.
3. The Capitol Region Watershed District Watershed Management Plan attached to this Order defines water and water-related problems within the District's boundaries, possible solutions thereto, and an implementation program.
4. The attached Watershed Management Plan is in conformance with the requirements of Minnesota Statutes Sections 103B.201 to 103B.251.

ORDER

The Board hereby approves the attached Plan, dated July 21, 2010, as the Capitol Region Watershed District Watershed Management Plan.

Dated at Moorhead, Minnesota this 26th day of August, 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Randy Kramer, Chair

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: CMSCWD Watershed Management Plan

Meeting Date: August 26, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Metro

Contact: Jim Haertel

Prepared by: Melissa Lewis

Reviewed by: Metro Water Planning Committee(s)

Presented by: Jim Haertel

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☒ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Approval of Carnelian-Marine-St. Croix Watershed District Watershed Management Plan

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

The Carnelian-Marine-St. Croix Watershed District (District) was established in 1981 and was enlarged to encompass the Marine on St. Croix Watershed Management Organization in 2007. The District is located exclusively in Washington County in the northeast portion of the Minneapolis – St. Paul seven county Metropolitan Area and consists of a total of 81.48 square miles. Included in the District are the cities of Scandia, Marine on St. Croix, Hugo, and Grant and the townships of May and Stillwater. The District is bound by the St. Croix River to the east, the Comfort Lake- Forest Lake and Rice Creek Watershed Districts to the west, and the Brown's Creek Watershed District to the south. The mission of the District is to protect and improve water resources within the jurisdiction of the Carnelian-Marine-St. Croix Watershed District through coordination with local units of government, citizens, and other government agencies.

The Plan provides for the protection and improvement of the water resources of the District and was prepared with citizen and technical review and input. The resources of the District are in generally good condition. The draft revised Plan was submitted to the Board, other state agencies, and local governments for the 60-day review on December 15, 2009. A public hearing was held on March 29, 2010 and there were no comments received. On May 21, 2010, the draft revised Plan was sent to the review agencies for the 45-day review period. The final draft of the revised Plan was received by the Board on July 26, 2010.

The Plan provides a flexible framework to effectively direct the funding of programs and projects to improving and preserving water quality. The highlights of the plan include:

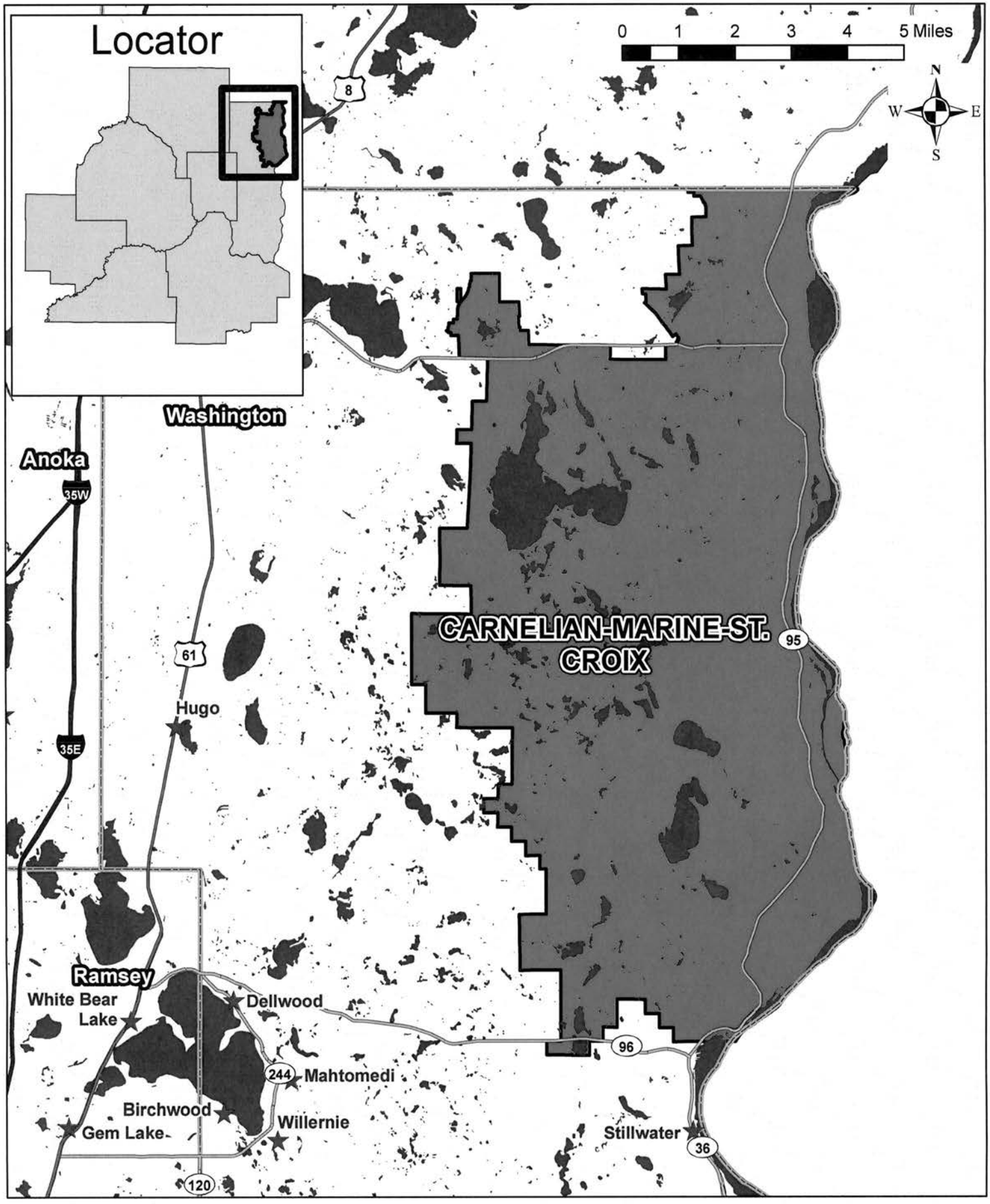
- This is the fourth watershed management plan of the District; objectives and policies are based on philosophies of the District board developed though a strategic planning process.
- Overall strategies for balancing the activities of the District and managing the watersheds of the lakes, streams, and wetlands include: routine management of non-impaired resources, focused management of non-impaired resources, and impaired management of nutrient and use-impaired resources.

- Criteria for prioritizing focused management activities and expenditures in protection of the many high-quality resources of the District.
- Individual resource management plans for thirty-one lakes and twenty-two streams, formatted as individual fact and strategy sheets.
- District operations include programs for: operational management, education/communication, monitoring, cost-share, maintenance of District facilities, regulation, local surface water management plans, and project implementation.
- Each program includes evaluation criteria specific and unique to the program.

Overall, the Plan is well-written and comprehensive.

The Metro Water Planning Committee met on August 4, 2010. After review of the information, the Committee unanimously voted to recommend approval of the Revised Plan per the attached draft Order.

Carnelian-Marine-St. Croix Watershed District



Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of the review of the Watershed Management Plan for the **Carnelian-Marine-St. Croix Watershed District**, pursuant to Minnesota Statutes Section 103B.231, Subdivision 9.

ORDER APPROVING WATERSHED MANAGEMENT PLAN

Whereas, the Board of Managers of the Carnelian-Marine-St. Croix Watershed District (District) submitted a Watershed Management Plan (Plan) dated July 12, 2010, to the Minnesota Board of Water and Soil Resources (Board) pursuant to Minnesota Statutes Section 103B.231, Subd. 9, and;

Whereas, the Board has completed its review of the Plan;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions and Order:

FINDINGS OF FACT

1. **Watershed District Establishment.** The District was originally established in 1981 and was enlarged to encompass the Marine on St. Croix Watershed Management Organization in 2007. The mission of the District is to protect and improve water resources within the jurisdiction of the Carnelian-Marine-St. Croix Watershed District through coordination with local units of government, citizens, and other government agencies.

2. **Authority to Plan.** The Metropolitan Surface Water Management Act requires the preparation of a watershed management plan for the subject watershed area which meets the requirements of Minnesota Statutes Sections 103B.201 to 103B.251. The current District watershed management plan was approved by Board Order on October 25, 2000. The watershed management plan may be revised according to Minnesota Statutes Section 103B.231, Subd. 9.

3. **Nature of the Watershed.** The District is located exclusively in Washington County in the northeast portion of the Minneapolis – St. Paul seven county Metropolitan Area and consists of a total of 81.48 square miles. Included in the District are 27.33 square miles within the City of Scandia, 4.18 square miles within the City of Marine on St. Croix, 0.74 square miles within the City of Hugo, 34.58 square miles within the Town of May, 0.25 square miles within the City of

Grant, and 14.40 square miles within the Town of Stillwater. The District is bound by the St. Croix River to the east, the Comfort Lake- Forest Lake and Rice Creek Watershed Districts to the west, and the Brown's Creek Watershed District to the south.

4. **Plan Development and Review.** The Plan provides for the protection and improvement of the water resources of the District and was prepared with citizen and technical review and input. The resources of the District are in generally good condition with only nine of thirty-one lakes impaired for nutrients and aquatic recreation and none of the twenty-two streams currently listed as impaired. The Plan provides a flexible framework to effectively direct the funding of programs and projects to improving and preserving water quality.

   The draft revised Plan was submitted to the Board, other state agencies, and local governments for the 60-day review on December 15, 2009. A public hearing was held on March 29, 2010 and there were no comments received. On May 21, 2010, the draft revised Plan was sent to the review agencies for the 45-day review period. The final draft of the revised Plan was received by the Board on July 26, 2010.

5. **Local Review.** The District distributed copies of the draft Plan to local units of government for their review pursuant to Minnesota Statutes Section 103B.231, Subd. 7.

   Washington County. The County requested incorporation of the Washington County Financial and Budget Policy #2403 and addition of specific action items from the Washington County Groundwater Plan in the Plan. The County also requested clarification on items in Appendix B. The District addressed all comments.

6. **Metropolitan Council Review.** The Council stated that the Plan is an excellent framework to protect the water resource of the District and found the plan to be consistent with the Council's *Water Resources Management Policy Plan*.

7. **Department of Agriculture Review.** The MDA did not comment on the Plan.

8. **Department of Health Review.** The MDH did not comment on the Plan.

9. **Department of Natural Resources Review.** The DNR found the Plan to be extensive, thorough, and well-prepared and presented; and complimented and commended the District for extensive stream analysis and extensive monitoring throughout the watershed. The DNR provided draft guidelines for stream bank restoration projects and lakeshore restoration projects and suggested additional monitoring parameters and coordination in District operations. The DNR also provided a number of comments, recommendations, and suggestions for the land and water resource inventory and individual resource management plans. The District addressed all comments.

10. **Pollution Control Agency Review.** The PCA found the plan to be very sound and comprehensive and suggested some minor changes and inclusions. The District addressed all comments.

11. **Department of Transportation Review**. The DOT indicated willingness to review proposed plans and issue permits for specific projects associated with Highway 95 listed in the Plan.

12. **Board Review.** Board staff found the Plan to be comprehensive and focused on local issues. Board staff requested additional criteria for prioritization of and commitments towards focused and impaired resource management. Board staff also requested that the Plan clearly identify the funding mechanisms for implementation and criteria for selection of cost share projects; including funding and criteria for invasive aquatic species control. Board staff also commented that shifting funds between programs to the degree described in the plans may require plan amendments and suggested revisions to language in the plan to clarify commitments to implementation. The District addressed all comments.

13. **Plan Summary and Highlights.** The highlights of the plan include:
    - This is the fourth watershed management plan of the District; objectives and policies are based on philosophies of the District board developed though a strategic planning process.
    - Overall strategies for balancing the activities of the District and managing the watersheds of the lakes, streams, and wetlands include: routine management of non-impaired resources, focused management of non-impaired resources, and impaired management of nutrient and use-impaired resources.
    - Criteria for prioritizing focused management activities and expenditures in protection of the many high-quality resources of the District.
    - Individual resource management plans for thirty-one lakes and twenty-two streams, formatted as individual fact and strategy sheets.
    - District operations include programs for: operational management, education/communication, monitoring, cost-share, maintenance of District facilities, regulation, local surface water management plans, and project implementation.
    - Each program includes evaluation criteria specific and unique to the program.

14. **Metro Water Planning Committee Meeting.** On August 4, 2010, the Board's Metro Water Planning Committee and staff met with a representative from the District in St. Paul to review and discuss the Plan. Those in attendance from the Board's Committee were Rebecca Flood, Louise Smallidge, Faye Sleeper, LuAnn Tolliver and Robert Burandt as chair. Board staff in attendance were Metro Region Supervisor Jim Haertel and Board Conservationist Melissa Lewis. The representatives from the District were District Board Managers Victoria Dupre and Steven Kronmiller and District Administrator Jim Shaver. Board staff recommended approval of the Plan. After discussion, the Committee unanimously voted to recommend approval of the Plan to the full Board.

CONCLUSIONS

1. All relevant substantive and procedural requirements of law and rule have been fulfilled.

2. The Board has proper jurisdiction in the matter of approving a Watershed Management Plan for the Carnelian-Marine-St. Croix Watershed District pursuant to Minnesota Statutes Section 103B.231, Subd. 9.

3. The Carnelian-Marine-St. Croix Watershed District Watershed Management Plan attached to this Order defines water and water-related problems within the District's boundaries, possible solutions thereto, and an implementation program.

4. The attached Watershed Management Plan is in conformance with the requirements of Minnesota Statutes Sections 103B.201 to 103B.251.

ORDER

The Board hereby approves the attached Plan, dated July 12, 2010, as the Carnelian-Marine-St. Croix Watershed District Watershed Management Plan.

Dated at Moorhead, Minnesota this 26th day of August, 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

BY: Randy Kramer, Chair

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Chisago County Water Plan Amendment

Meeting Date: August 26, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business
Item Type: ☒ Decision ☐ Discussion ☐ Information
Section/Region: Metro
Contact: Jim Haertel
Prepared by: Melissa Lewis
Reviewed by: Metro Water Planning Committee(s)
Presented by: Jim Haertel

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Approval of Chisago County Comprehensive Local Water Management Plan Amendment and Extension

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

The current Chisago County Local Water Management Plan (Plan) was adopted in 2006. The purpose of the Plan is to identify existing and potential problems and opportunities for protection, management and development of water and related land resources in Chisago County. The County has been actively implementing the goals, objectives, priority concerns, and ongoing action items within the Plan and made substantial progress; however, many tasks have been accomplished and many new activities are not adequately addressed in the Plan are planned or have begun.

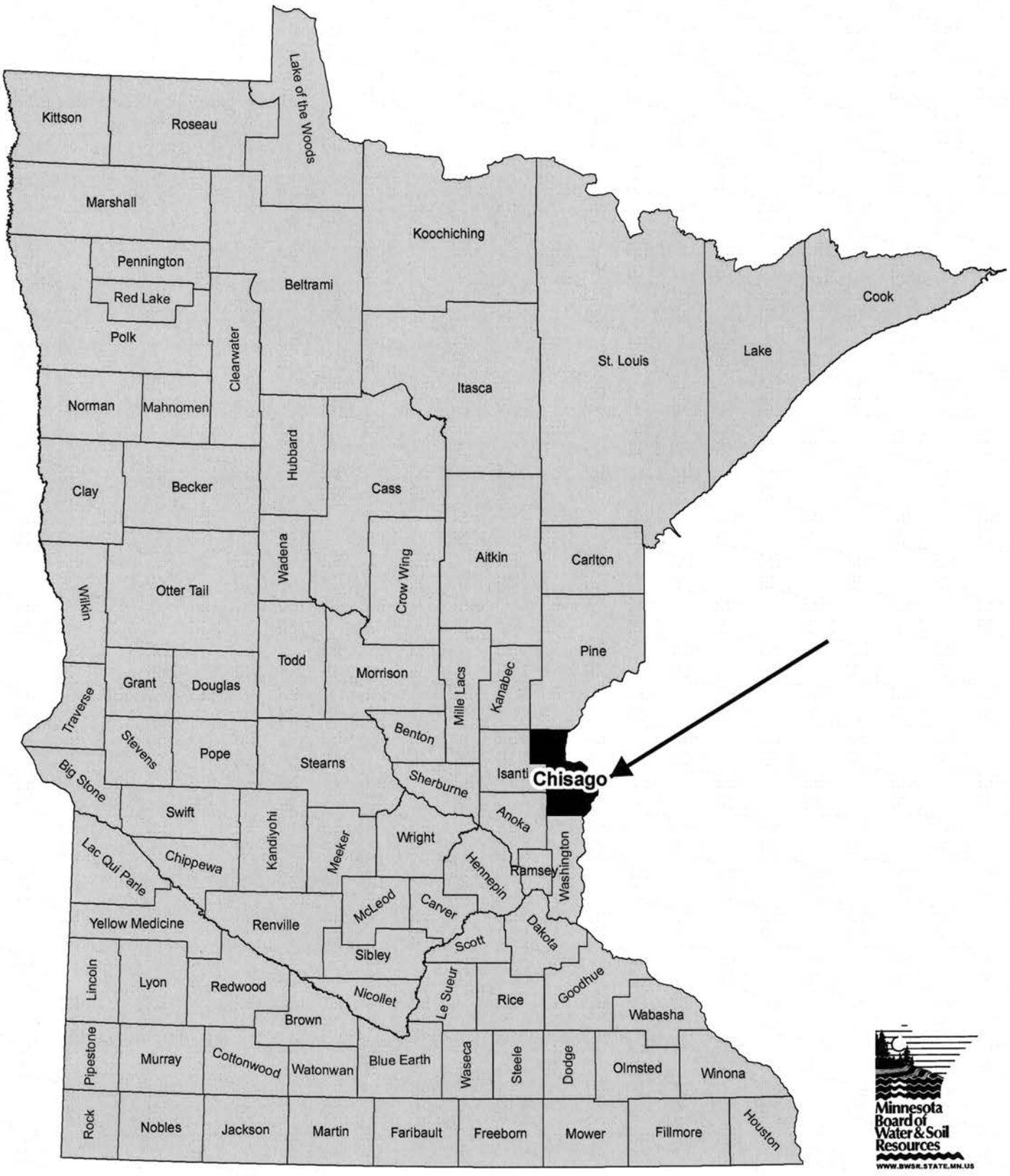
The primary reasons for amending the Chisago County Water Plan are:

1. To expand the tasks identified in the Water Plan to reflect the increase in activity since 2006.
2. To better organize the existing Water Plan.
3. To better position Chisago County to be eligible for potential funding opportunities.
4. To extend the plan from 2006-2011 to 2006-2013.

The Chisago County Water Plan Policy Team endorsed the amendment. Chisago County submitted a petition for the amendment February 3, 2010. A public hearing was held on July 21, 2010.

The Metro Water Planning Committee met on August 4, 2010. After review of the information, the Committee unanimously voted to recommend approval of the Plan Amendment and Extension per the attached draft Order.

Chisago County



Minnesota Board of Water & Soil Resources

WWW.BWSR.STATE.MN.US

Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of the review of the Local Water Management Plan Amendment for **Chisago County** (Minnesota Statutes, Section 103B.314, Subdivision 6).

ORDER APPROVING LOCAL WATER MANAGEMENT PLAN AMENDMENT AND EXTENSION

Whereas, on September 27, 2006, the Minnesota Board of Water and Soil Resources (Board), by Board Order, approved the Chisago County 2006 – 2011 Comprehensive Local Water Management Plan Update (Plan); and

Whereas, the Chisago County Board of Commissioners submitted a Comprehensive Local Water Management Plan Amendment (Amendment) to the Board on July 27, 2010 pursuant to Minnesota Statutes section 103B.314, subdivision 6; and

Whereas, the Chisago County Board of Commissioners submitted a resolution requesting a two year extension of their Comprehensive Local Water Management Plan to the Board pursuant to Minnesota Statutes section 103B.311, subdivision 4a (5) ; and

Whereas, the Board has completed its review of the Amendment and Extension ;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order:

FINDINGS OF FACT

1. On February 23, 2010 the Board received a petition from Chisago County stating its intent to amend its current Plan, pursuant to Minnesota Statutes section 103B.314, subd. 6.
2. On June 21, 2010, Chisago County provided proper notice to local units of government and state agencies of the county's intent to amend its current Plan and invited all recipients to participate in the amendment process.
3. The Chisago County Board filed a resolution requesting a two year extension of the Plan pursuant to Minnesota Statutes section 103B.311, subd. 4a (5).
4. Chisago County received written comments from the Board of Water and Soil Resources on July 21, 2010.
5. Chisago County received written comments from the Pollution Control Agency on July 19, 2010.
6. No other state agency or local government unit provided written comments to Chisago County.

7. On July 21, 2010, after providing for proper public notice, Chisago County conducted a public hearing on the proposed Amendment. No additional comments were submitted at the hearing.

8. On July 27, 2009 the Board received the Amendment, a record of the public hearing, and copies of all written comments pertaining to the Amendment, pursuant to Minnesota Statutes section 103B.314, subd. 6.

9. On August 4, 2010, the Board's regional Water Planning Committee (Committee) reviewed the Amendment and Extension pursuant to Minnesota Statutes sections 103B.301 to 103B.355 and guidelines established by the Board.

10. Board regional staff provided its recommendation of approval to the Committee.

11. The Committee voted to recommend approval of the Plan Amendment and Extension to the full Board at its next scheduled meeting.

12. This Amendment and Extension will be in effect until September 27, 2013.

CONCLUSIONS

1. All relevant substantive and procedural requirements of law have been fulfilled.

2. The Board has proper jurisdiction in the matter of approving a Comprehensive Water Management Plan Amendment and Extension of Chisago County pursuant to Minnesota Statutes sections 103B.314, subd. 6 and 103B.311, subd. 4a (5).

3. The Amendment attached to this Order and the requested two-year Extension are in conformance with the requirements of M.S. Section 103B.301 to 103B.355.

ORDER

The Board hereby approves the attached Amendment dated July 27, 2010 to the Chisago County 2006 – 2013 Comprehensive Local Water Management Plan and approves a two-year extension to September 27, 2013.

Dated at Moorhead, Minnesota, this 26th day of August, 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Randy Kramer, Chair

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: SCWMO WMWMO Plan Amendment

Meeting Date: August 26, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Metropolitan Region

Contact: Brad Wozney, Board Conservationist

Prepared by: Brad Wozney, Board Conservationist

Reviewed by: Metro Water Planning Committee(s)

Presented by: Jim Haertel, Metro Region Supervisor

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☒ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Approval of Plan Amendment to the Shingle Creek and West Mississippi Watershed Management Organizations' Watershed Management Plan

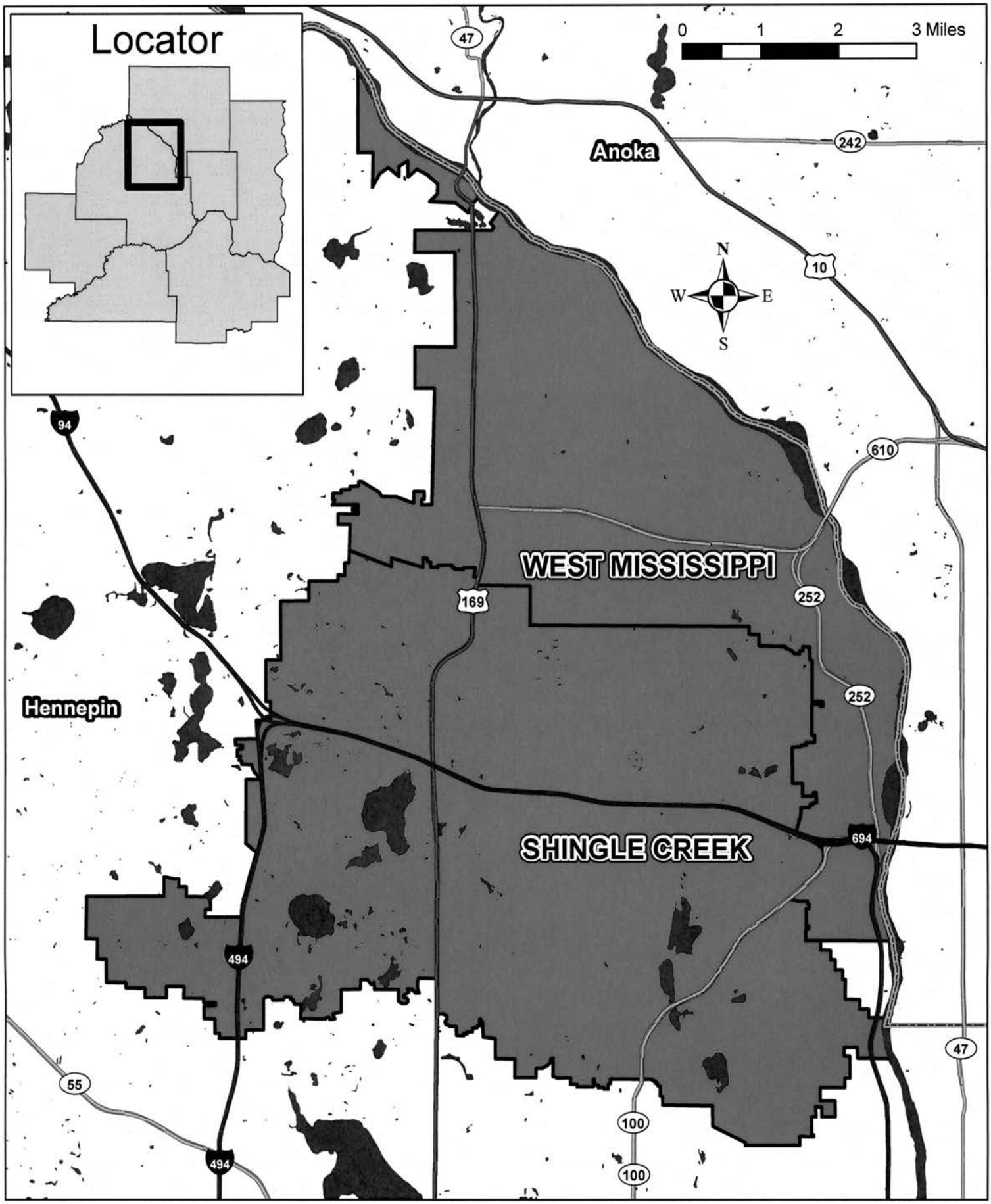
SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
The Shingle Creek and West Mississippi Watershed Management Commissions (Commissions) are located exclusively in north central Hennepin County. They are bound by the Mississippi River to the north and east, on the southeast by the Mississippi WMO, on the south by Bassett Creek WMO, and on the west by the Elm Creek WMO. Both watersheds encompass all or part of the following ten municipalities: Brooklyn Center, Brooklyn Park, Champlin, Crystal, Maple Grove, Minneapolis, New Hope, Osseo, Plymouth, and Robbinsdale. Four out of the five member cities of West Mississippi Watershed Management Commission are also members of Shingle Creek Watershed Management Commission; Champlin is a member of West Mississippi only. The Shingle Creek and West Mississippi watersheds cover 44.5 square miles and 23 square miles respectively. There are fourteen lakes in the Shingle Creek watershed, and none in West Mississippi. Combined the watersheds have approximately 20.5 miles of streams. Both watersheds are predominantly fully developed, with the remaining land slated to be developed.

During the development process of the current Second Generation Plan, both Commissions agreed upon merging the plan preparation, operating policies, and administration for efficiency purposes, but remain separate, politically distinct watershed management organizations. The second generation watershed management plan was approved by BWSR in April 2004. Subsequently, major amendments were approved by BWSR in April 2007, August 2008, and August 2009.

The proposed 2010 Amendment adds seven new projects to the Capital Improvement Program, three within the Shingle Creek watershed and four within the West Mississippi watershed. The formal comment period resulted in no changes to the Amendment. The frequency of proposed amendments from these WMOs reveals an exemplary, yet uncommon approach to consistent review of the implementation section to maintain a current Plan that has resulted in a competitive edge for grant funding.

The Metro Water Planning Committee met on August 4, 2010. After review of the information, the Committee unanimously voted to recommend approval of the Plan Amendment per the attached draft Order.

Shingle Creek & West Mississippi Watershed Management Organizations



Minnesota Board of Water and Soil Resources
520 Lafayette Road North
Saint Paul, Minnesota 55155

In the Matter of the review of the Amendment to the Watershed Management Plan for the **Shingle Creek and West Mississippi Watershed Management Organizations**, pursuant to Minnesota Statutes Section 103B.231, Subdivision 11.

ORDER APPROVING AMENDMENT TO WATERSHED MANAGEMENT PLAN

Whereas, the Boards of Commissioners of the Shingle Creek and West Mississippi Watershed Management Organizations (Commissions) submitted a Watershed Management Plan Amendment (Amendment) dated July 2010, to the Minnesota Board of Water and Soil Resources (Board) pursuant to Minnesota Statutes Section 103B.231, Subd. 11, and;

Whereas, the Board has completed its review of the Amendment;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions and Order:

FINDINGS OF FACT

1. **WMO Establishment.** Joint Powers Agreements established the Shingle Creek and West Mississippi Watershed Management Organizations (Commissions) in 1984. Each Commission is comprised of one member appointed from each community by their respective city council. The first Watershed Management Plan was published in April 1990. During the development process of the Second Generation Plan, both Commissions agreed upon merging the plan preparation, operating policies, and administration for efficiency purposes, but remain separate, politically distinct Watershed Management Organizations. Four out of the five member cities of West Mississippi Watershed Management Commission are also members of Shingle Creek Watershed Management Commission. The second generation watershed management plan was approved by BWSR in April 2004. The attached amendment will be incorporated into the joint Watershed Management Plan once approved and adopted.

2. **Authority to Plan.** The Metropolitan Surface Water Management Act requires the preparation of a watershed management plan for the subject watershed area which meets the requirements of Minnesota Statutes Sections 103B.201 to 103B.251. The watershed management plan may be amended according to Minnesota Statutes Section 103B.231, Subd. 11.

3. **Nature of the Watershed.** The Shingle Creek and West Mississippi Watershed Management Organizations are located exclusively in Hennepin County in the northwest portion of the Minneapolis – St. Paul seven county metropolitan area. They are bound by

the Mississippi River to the north and east, on the southeast by the Mississippi WMO, on the south by Bassett Creek WMO, and on the west by the Elm Creek WMO. Both watersheds encompass all or part of the following ten municipalities: Brooklyn Center, Brooklyn Park, Champlin, Crystal, Maple Grove, Minneapolis, New Hope, Osseo, Plymouth, and Robbinsdale. The Shingle Creek and West Mississippi watersheds cover 44.5 square miles and 23 square miles respectively. There are fourteen lakes in the Shingle Creek watershed, and none in West Mississippi. Combined the watersheds have approximately 20.5 miles of stream. Both watersheds are predominantly fully developed, with the remaining land being currently developed.

4. **Amendment Development and Review.** The draft Amendment was submitted to the Board, other state agencies, and local governments for the required 60-day review on February 16, 2010. The Amendment adds three capital projects to the Shingle Creek WMO Capital Improvement Program and four projects to the West Mississippi WMO Capital Improvement Program in addition to water quality modeling activities applicable to both watersheds. The Commissions held a public hearing on May 13, 2010. No new suggested changes were offered during the meeting. On May 19, 2010, all review agencies had received the revised draft Amendment for the required 45-day review period. The Commissioners received a comment letter from only the Board. The final draft Amendment was submitted to the Board on July 22, 2010.

5. **Metropolitan Council Review.** Met Council was supportive of the amendment stating it is consistent with the Council's *Water Resources Management Policy Plan.*

6. **Department of Agriculture Review.** The MDA did not comment on the Amendment.

7. **Department of Health Review.** The MDH did not comment on the Amendment.

8. **Department of Natural Resources Review.** The DNR did not comment on the Amendment.

9. **Pollution Control Agency Review.** MPCA had no official comments on the Amendment.

10. **Local Review.** The Commissions circulated a copy of the draft Amendment to local units of government for their review pursuant to Minnesota Statutes Section 103B.231, Subd. 7.

Brooklyn Center stated that no background information had been distributed for a couple of the proposed projects and that the TAC must screen them prior to inclusion in the CIP. The Commissions responded by citing the TAC meeting at which the projects were discussed with no subsequent TAC member opposition. The city also emphasized their support for the $500,000 maximum annual levy guideline that is proposed to be exceeded and requested project revisions be made to comply with the guideline. The Commissions responded that it is their intent to adhere to the guideline whenever possible, however opportunities to capitalize on grants and other funds presented themselves to reduce the cost to the member cities. The Commissions believe this outweighs the benefit of

adhering to the guideline. Further the Commissions believe that improving water resources in the watersheds is an investment in maintaining and improving property values in the member cities.

11. **Board Review.** Board staff had no concerns regarding the Amendment and found it compliant with rule and statute. Board staff commended the Commissions for their commitment to maintaining a current implementation plan.

12. **Highlights of the Plan Amendment.** The major plan amendment proposes to add seven capital projects and a water quality modeling effort to the Watershed Management Plan. This amendment reflects the Commissions' willingness to regularly review their implementation program and to amend the Plan as project opportunities arise.

13. **Metro Water Planning Committee Meeting.** The Board's Metro Water Planning Committee met on August 4, 2010, to review and discuss the Amendment. Those in attendance from the Board's Committee were Rebecca Flood, Faye Sleeper, Louise Smallidge, LuAnn Tolliver, and Robert Burandt as chair. Board staff in attendance were Metro Region Supervisor Jim Haertel and Board Conservationists Brad Wozney and Melissa Lewis. Board staff recommended approval of the Amendment. After discussion, the Committee unanimously voted to recommend approval of the Amendment to the full Board.

CONCLUSIONS

1. All relevant substantive and procedural requirements of law and rule have been fulfilled.

2. The Board has proper jurisdiction in the matter of approving an Amendment to the Watershed Management Plan for the Shingle Creek and West Mississippi Watershed Management Organizations pursuant to Minnesota Statutes Section 103B.231, Subd. 11.

3. The Shingle Creek and West Mississippi Watershed Management Organizations' Amendment attached to this Order defines the need and purpose of the Plan changes and the methods of financing.

4. The attached Amendment is in conformance with the requirements of Minnesota Statutes Sections 103B.201 to 103B.251.

DRAFT

ORDER

The Board hereby approves the attached Amendment, dated July 2010, to the Shingle Creek and West Mississippi Watershed Management Organizations' Watershed Management Plan.

Dated at Moorhead Minnesota this 26th day of August, 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

BY: Randy Kramer, Chair

DRAFT

COMMITTEE RECOMMENDATIONS

Northern Water Planning Committee

1. St. Louis County Water Management Plan Update – Quentin Fairbanks – ***DECISION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: St. Louis County Water Management Plan

Meeting Date: August 26, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: North

Contact: Ryan Hughes

Prepared by: Ryan Hughes

Reviewed by: Northern Water Planning Committee(s)

Presented by: Quentin Fairbanks

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☒ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

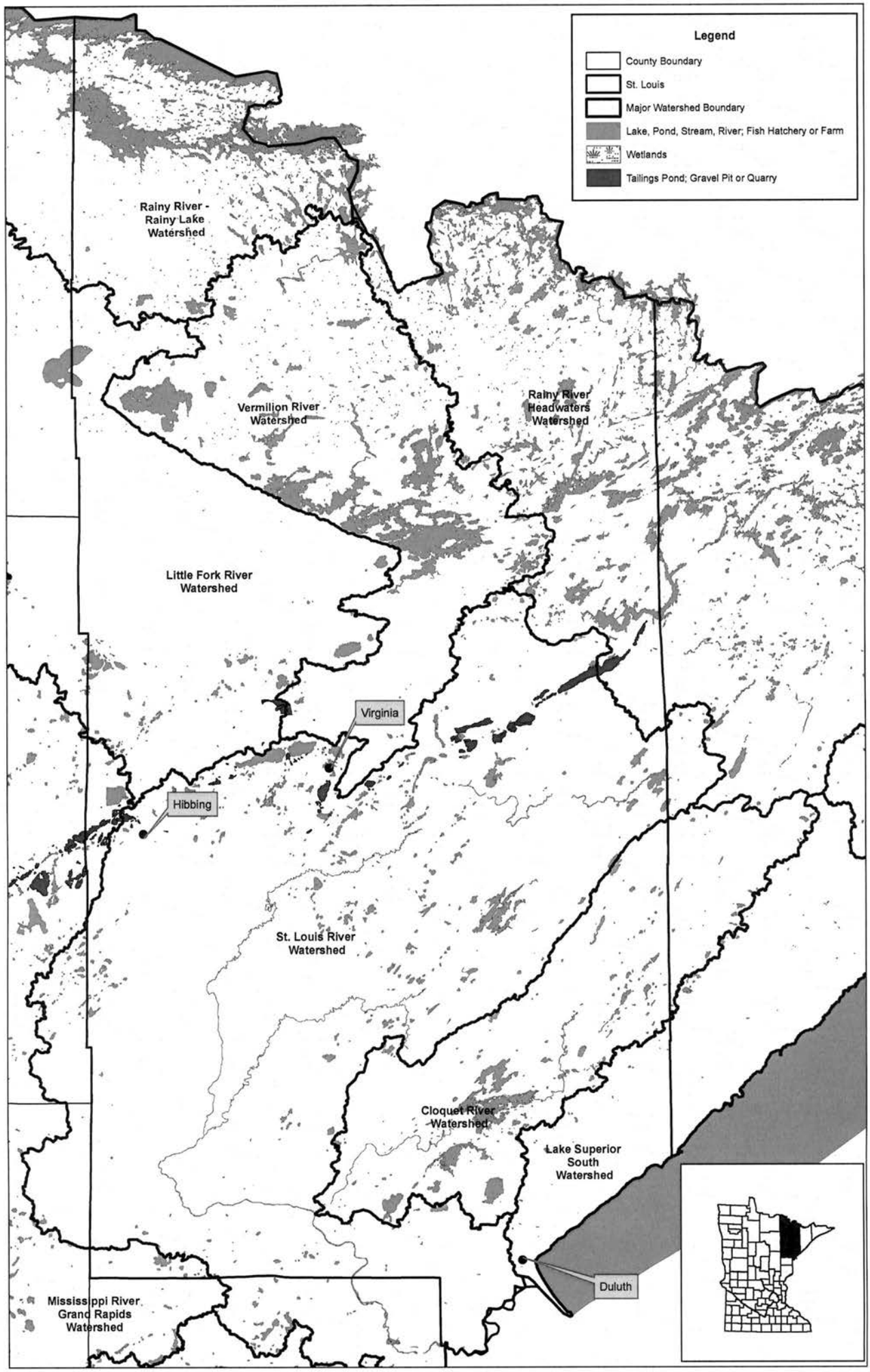
☐ Other: _____

ACTION REQUESTED

Consider approval of the Local Water Management Plan Update for St. Louis County.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
St. Louis County submitted their Local Water Management Plan Update for approval on May 28, 2010. The Northern Water Planning Committee, led by Quentin Fairbanks, reviewed and recommended approval of the document at their August 11, 2010 meeting.

Attached for Chair Kramer's signature is the Order approving the St. Louis County Local Water Management Plan and correspondence informing the St. Louis County Board of Commissioners that the revised Local Water Management Plan has been approved by the Board of Water and Soil Resources.


Legend
County Boundary
St. Louis
Major Watershed Boundary
Lake, Pond, Stream, River; Fish Hatchery or Farm
Wetlands
Tailings Pond; Gravel Pit or Quarry
Rainy River - Rainy Lake Watershed
Vermilion River Watershed
Rainy River Headwaters Watershed
Little Fork River Watershed
Virginia
Hibbing
St. Louis River Watershed
Cloquet River Watershed
Lake Superior South Watershed
Duluth
Mississippi River Grand Rapids Watershed

DATE: August 11, 2010

TO: BWSR Northern Region Planning Subcommittee

FROM: Ryan Hughes, BWSR Board Conservationist

SUBJECT: Review of St. Louis County Final Local Water Management Plan (LWMP)

Mark Lindhorst, St. Louis County Water Planner, and RC Boheim, South St. Louis SWCD Manager, are planning to attend the meeting to discuss the plan and answer any questions.

St. Louis County administers the Local Water Management Plan for St. Louis County. The expiration date of the St. Louis County LWMP was May 28, 2010.

At the October 14, 2009 BWSR Northern Region Planning Subcommittee meeting a review of the St. Louis PCSD was completed. The Subcommittee and full Board deemed the priority concerns selected to be appropriate and did not require any changes. The Subcommittee offered the following specific suggestions to be considered in the development of the final plan:

- Include erosion as an area of emphasis within the appropriate priority concern(s).
- Continue to seek participation in the water planning process from local stakeholders.
- Develop a technical advisory committee to assist in the process.

The County has addressed the suggestions provided by the Subcommittee in the development of the final plan.

In a letter dated October 28, 2009 the BWSR provided official comments pertaining to the PCSD to St. Louis County pursuant to M.S. 103B.313, Subd.5.

St. Louis County held a public hearing for the St. Louis County Comprehensive Water Management Plan on March 25, 2010.

Plan Highlights/Talking Points

The duration of the plan is for ten-years, with an assessment of the progress made after five-years, per BWSR guidance.

The plan has thoroughly assessed the priority concerns identified in the scoping document process. Development as a priority concern is supported by the permit applications identified in Figure 2 of the plan. Permit clusters occur around most if not all large waterbodies. Development adjacent to waters within St. Louis County has been and will continue to be a priority concern.

Wastewater Management is supported in the assessment with the Consent Decree between the City of Duluth and the Western Lake Superior Sanitary Sewer District and the Environmental Protection Agency (EPA). This Consent Decree is a result of inflow and

infiltration of stormwater runoff into failing infrastructure systems. In addition, the plan addresses the failing subsurface sewage treatment systems by continuing many enforcement initiatives and enhancing the inventorying of systems. Many actions within the plan are expected to make the County eligible for future grants to address failing systems.

The Ground and Surface Waters assessment supports this priority concern with one simple fact; St. Louis County has 87 DNR designated trout lakes and streams. The City of Duluth alone has 16 designated trout streams within its boundary. Trout are an indicator of the health of a lake or stream. Many species of trout, specifically native brook trout, are sensitive to poor water quality and the lack of their presence can be directly attributed to altered systems. In addition, the Minnesota Department of Health was very supportive of the plan in their comment letter and commended the County for their recognition of the importance of groundwater protection in the plan.

The Impaired Waters priority concern is supported by the listing of the St. Louis River as an impaired water. The St. Louis River watershed is a dominant feature of the County. The St. Louis River estuary is listed as an EPA Great Lakes Area of Concern. Potential future mining in the St. Louis River watershed will be pivotal in determining the health of the water resources of both the St. Louis River and Lake Superior, a major drinking water source.

The recommendation by the Subcommittee for the County to develop a technical advisory committee and the efforts of the County to coordinate the technical advisory committee substantially improved the plan development process. Representatives from PCA, DNR, South St. Louis SWCD, North St. Louis SWCD, BWSR and St. Louis County Planning participated on the committee. In addition, the public hearing process was well attended and provided stakeholders an opportunity to participated in the development of the plan.

State Agency Comments

On May 27, 2010, St. Louis County distributed its final LWMP, all written comments and a record of the public hearing to Ron Shelito. Mr. Shelito distributed copies of the plan to the required state agencies. The deadline for agency comments was July 1, 2010. The following summarizes the comments received:

Department of Health

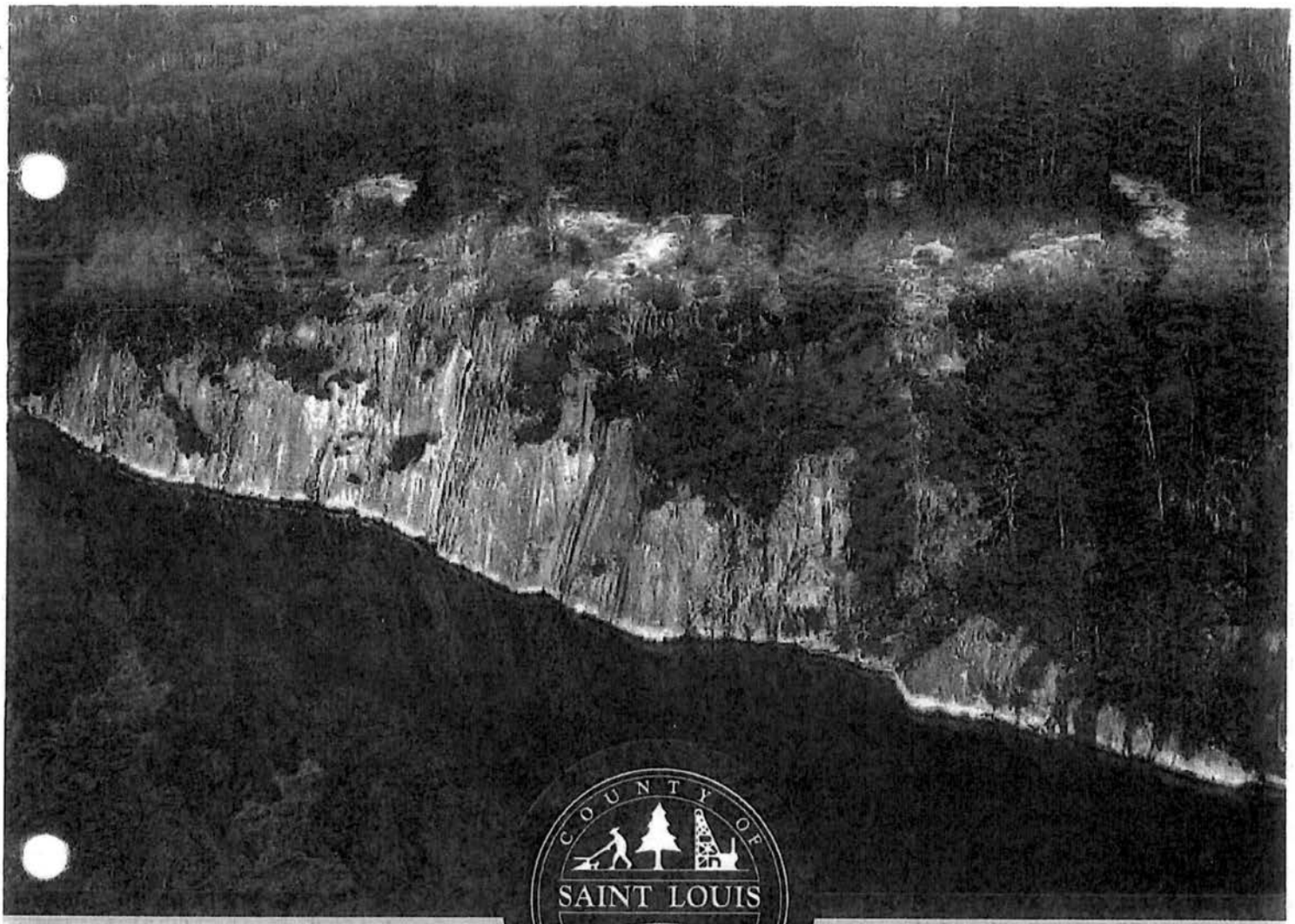
The agency recommended approval of the entire plan as submitted and did not have any comments. The agency commended St. Louis County for its recognition of the importance of protecting groundwater quality and quantity with an emphasis on wellhead protection efforts by communities located within the county.

Pollution Control Agency

The agency recommended approval of the entire plan as submitted and offered various comments for consideration. The comments provided suggestions to clarify specific PCA concerns in the document. The County took the comments into consideration. Please refer to the letter from the agency for specific comments.

Board Conservationist's Recommendation

I recommend approval of the St. Louis County Local Water Management Plan to the BWSR Northern Region Planning Subcommittee and forward to the full board for approval. The St. Louis County Local Water Management Plan satisfies the requirements of M.S. statute and BWSR policy.



St. Louis County, Minnesota

Comprehensive Water Management Plan
Update 2010 – 2020

DRAFT

St. Louis County, Minnesota
Planning and Development Department

St. Louis Soil and Water Conservation Districts

County Commissioners

Steve Raukar, Chair

Dennis Fink
Mike Forsman
Chris Dahlberg
Steve O'Neil
Peg Sweeney
Keith Nelson

St. Louis Soil and Water Conservation Districts

South St. Louis SWCD
215 N. First Ave. E., Room 301
Duluth, MN 55802
www.southstlouisswcd.org

North St. Louis SWCD
307 First St. S., Ste. 114
Virginia, MN 55792
www.nslswcd.org

Planning and Development Director

Barbara Hayden

Advisory Committee

Mark Lindhorst, St. Louis County Planning and Development
Scott Smith, Land Use Manager
R.C. Boheim, Dist. Mgr., South St. Louis SWCD
Al Moline, South St. Louis SWCD Supervisor
Gary Rantala, North St. Louis SWCD Supervisor
John Calgaro, North St. Louis SWCD Supervisor
John Lukan, St. Louis County Planning Commission

Water Plan Technical Advisory Committee

Amber Westerbur, Minnesota's Lake Superior Coastal Program
Brian Fredrickson, Minnesota Pollution Control Agency
Mark Lindhorst, St. Louis County Planning and Development
Martha Minchak, Minnesota DNR Wildlife
Paul Ojanen, North St. Louis SWCD
R.C. Boheim, South St. Louis SWCD
Scott Smith, St. Louis County Planning and Development

BWSR Coordinator

Ryan Hughes, Board Conservationist

Plan Writers/Researchers

Kate Kubiak – Conservation Specialist – South St. Louis SWCD
Paul Ojanen - Resource Conservationist – North St. Louis SWCD

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Appendix A: Priority Concerns Scoping Document

Executive Summary

The intent of this plan is to provide strategies to address the water related issues in St. Louis County. Issues were identified during a systematic, region-wide scoping process between August 2008 and March 2009. During that time, citizens, local government officials and agency representatives were invited to provide input about which water quality concerns are most critical for the county to address.

From late 2009 to early 2010, staff members from the St. Louis County Planning and Development Department, both North St. Louis and South St. Louis Soil & Water Conservation Districts, the Water Plan Advisory Task Force, and Technical Advisory Committee worked to formulate strategies, develop a timetable and estimate the cost to adequately address the identified priority concerns. They also completed the Comprehensive Water Management Plan Document and expanded outreach to cities and townships on the county website. The public was then given the opportunity to comment on the plan at a public hearing held on March 25, 2010. The plan was approved by BWSR on _____ and by the county Board of Commissioners on _____.

Introduction to St. Louis County

St. Louis County is located in Northeastern Minnesota and is the largest county east of the Mississippi River. It is an estimated 7,092 square miles in size, and has over one thousand lakes. St. Louis County is known for its spectacular natural beauty, including a national forest (Superior National Forest), a national park (Voyageurs National Park), the Boundary Waters Canoe Area Wilderness, four state parks, and many popular recreational trails, including portions of the Superior Hiking Trail.

Seven major watersheds are contained within, or straddle parts of, the county: the Lake Superior, Cloquet River, and St. Louis River watersheds drain to the southeast (Lake Superior), a small portion of the Mississippi River-Grand Rapids watershed drains to the Mississippi to the west, the Little Fork River watershed drains northwest to Rainy River, the Rainy River-Rainy Lake and Rainy River-Headwaters drain north to Rainy Lake and Rainy River and the Vermilion River watershed drains north to Crane Lake. The watersheds that are located generally in the northern part of the county are part of the Rainy River Basin. Those generally in the south are part of the Lake Superior Basin. See the attached "Major Watersheds" map **(Figure 3)** for more information.

St. Louis County has 26 cities and 73 organized townships. It also has 72 un-incorporated communities, 26 unorganized territories and 1 "Census Designated Place." There are about 32 persons per square mile. The city of Duluth serves as the county seat with a population of approximately 86,000. The estimated 2008 population of St. Louis County was 196,864 (U.S. Census). This represents an estimated 1.8% decline in population in the county between the years 2000 and 2008. The Minnesota State Demographic Center predicts that the county's population will rise to 202,040, an increase of about 2.6%, by 2030.

The Iron Range cities, Hibbing and Virginia, and the Lake Superior port city, Duluth, are the county's population and economic centers. Both population centers have international importance; Duluth for its freshwater port, which is one of the largest in the world, and the Iron Range for its large mining industry. Surrounding counties are: Carlton County to the south; Aitkin, Itasca and Koochiching Counties to the west; Lake County to the east; and Douglas County, Wisconsin, to the southeast (across the St. Louis River). The coast of Lake Superior creates part of the county's southern border, while the Rainy River District of Ontario, Canada, flanks its northern border. Taconite mining makes up a large sector of the region's economy, along with health care, timber, transportation, technology and tourism. Most of the United States' Iron Ore reserves are located on St. Louis County's Mesabi Iron Range, which has enough ore reserves to keep iron mining in production for more than 200 years.

St. Louis County is comprised of an estimated 4,311,013 acres. Of that, approximately 22.6% is bog/marsh/fen and 8.7% is surface water. Less than 0.1% of the land is cultivated and only 0.7% is urban/industrial. Half of the county is collectively classified as "Forest," which is a factor in the county's high water quality. Because of its large geographic area, St. Louis County leads the state in number of acres of forested area, bog/marsh/fen, brushland, and surface water. Of the total acres, 37% is privately owned and 56% is publicly owned. See **Figure 7** for the balance of land ownership by type.

Minnesota's groundwater supply can be divided into three types of hydrogeologic sources: glacial drift sources, glacial outwash sources and bedrock sources. St. Louis County overlays two types of groundwater sources: glacial outwash and glacial drift. Groundwater sources in glacial drift areas may be unreliable as they do not recharge quickly. They are typically surrounded by

clayey glacial till that is several hundred feet thick. Residents living in these areas often supplement their drinking water supply with surface water sources (streams, inactive mine pits and Lake Superior). Groundwater sources in glacial outwash areas yield more plentiful groundwater, as they are more sand-based and located nearer to the surface. (*DNR Waters, Minnesota's Water Supply: Natural Conditions and Human Impacts, 2000).*

Plan History and Purpose

The purpose of this plan is to provide the citizens and elected officials of St. Louis County with a strategic framework to manage water resources. In 1985, the State of Minnesota adopted the Comprehensive Local Water Management Act under State Statutes 103B.301 – 103B.335. The act encourages counties outside of the metropolitan area to develop and implement comprehensive water management plans. Local ownership and implementation of the plan is the hallmark of the program. While development of a plan is voluntary, various state grants and some federal funding sources require that a county have an adopted local water management plan that is periodically updated. The St. Louis County Comprehensive Water Management Plan (CWMP) is a comprehensive analysis of water and related land resources coupled with a recommended series of strategies designed to achieve the county's water management goals. The plan acknowledges the county's large size and its three continental basins and seven major watersheds.

The St. Louis County Water Management Plan was originally adopted in 1992. In 1999, amendments were made related to wetland program administration, and in 2001, a revised plan was adopted.

In May of 2008, Minnesota's Board of Water and Soil Resources granted the county an extension of its current plan until May of 2010, at which time this updated plan will take effect. This plan will be valid through May of 2020, with the next update scheduled for 2015. The St. Louis County Board adopted a resolution on March 11, 2008, requiring the update and revision of the St. Louis County Water Management Plan. Counties are responsible for water management, and approximately one-third of Minnesota counties, including St. Louis County, delegate this program to county Soil and Water Conservation Districts (SWCDs). Due to its size, St. Louis County is one of only two in Minnesota to have two SWCDs – one serving the northern part of the county, based in Virginia, and one serving the southern part of the county, based in Duluth.

The purpose of water planning is to protect water resources through the adoption and implementation of local water management plans that are based on local priorities. To this end, the water management planning process for this plan sought to: 1) identify existing and potential problems facing the county's water resources; 2) identify opportunities to protect those water resources; 3) identify goals and objectives to manage the county waters and their related land uses in ways that promote sound, hydrologic and efficient management and effective environmental protection of those water resources; and 4) devise and carry out a plan of action that achieves the stated goals and objectives related to managing the county's water resources.

Most of the issues addressed in this plan apply county-wide. However, within certain sections, there may be references to specific watersheds or sub-watersheds.

Water Plan Accomplishments to Date

This revised plan builds upon the activities and objectives of earlier plans. The county has been implementing the actions in the current plan over the past 15 years. Many of the issues from the first plan(s) will continue to be addressed in the updated plan, though their importance may be eclipsed by issues that have grown in priority or due to changing environmental policies and conditions.

The county's past water planning efforts have led to many accomplishments to date including:

- Increased public awareness and support by the Planning Commission and Board of Adjustment regarding the importance of protecting and enhancing the shore impact zone when considering development proposals.
- Informational brochures on topics related to shoreland development and other issues were developed and are now available to the public on the county's website and at its offices.
- Municipal sewer lines have been extended into areas that had previously been identified as "problem areas," including Pike Lake and along the North Shore. "Problem areas" are those areas with poor (e.g. clay) soils, high water tables, and areas that are densely developed with small lots.
- The availability of Geographic Information Systems (GIS) has increased significantly, including progress in the completion of a county-wide parcel layer and GIS maps that are available to the public via the county's website.
- Stormwater issues are more frequently addressed during development reviews. Decision-makers have come to understand that protecting and improving lake water quality involves more than addressing failed septic systems. A water plan challenge grant based on stormwater-related goals in the water plan led to the development of specific solutions for stormwater management for three lakeshore lots on lakes with varying development densities.
- Cooperation between St. Louis County and Itasca County to develop information on small lakes with the help of a water plan challenge grant.
- The water plan supported the county wetland plan, and over the past several years, the county's wetland administration program has become one of the best in the state.
- The Lake Superior and Rainy Basin plans were developed using data and goals from the water plan.
- Coordination between land use permitting and on-site sewage treatment decisions have been improved. For example, a three-bedroom home is now the standard used to determine whether or not a lot has sufficient room to accommodate an on-site sewage treatment system.
- The development of a county-level river classification system that is more extensive than the state's classification system, as recommended in the water plan.
- An expanded lake water quality monitoring program in cooperation with the North St. Louis Soil and Water Conservation District. This led to the establishment of specific quality standards for several lakes. The Aerie Lake sewer system was developed, in part, because of the identification of poor water quality through these monitoring efforts.
- Development of a program for financial assistance to homeowners for on-site sewage treatment systems.
- Establishment of new county shoreland regulations that meet the requirements of the state while still addressing unique county issues.
- Implementation of a plan for enforcing certain county controls such as zoning.

- Improved regulation of county borrow pits, with increased focus on environmental concerns in the permitting process.
- Improved and expanded efforts to inform the public about county regulations.

Earlier versions of the county water plan set ambitious goals. Changing priorities, funding availability, requirements of other agencies and emerging environmental issues often result in some goals not being achieved during the plan's timetable. Water plan goals that have not been extensively addressed to date include:

- Groundwater studies for Duluth and the Iron Range – These studies would require substantial non-county financial resources, which have yet to be identified. In addition, little improvement has been made in the groundwater data that is available to the public and the county. This issue may be addressed as part of the groundwater and surface water protection priority concern.
- Environmental audits of county agencies involved in county environmental issues. A formal audit has not yet been conducted, however, some changes have been made in how programs are run. This issue will not be addressed in the updated plan.
- Development and implementation of a wellhead protection plan and well-sealing information should be incorporated in land use decision making and future plans. This issue is proposed to be addressed in the updated plan.

Priority Concerns Summary

The St. Louis County Water Plan Task Force selected four priority concerns to address: (1) negative impacts of development, (2) pollution resulting from inadequate wastewater management, (3) pollution to surface and ground waters from contaminated runoff, and (4) impaired waters. This effort resulted in a Priority Concerns Scoping Document that was approved by the Board of Water and Soil Resources (BWSR) on October 28, 2009.

Priority Concern #1: Development

Goal : Mitigate impacts of development. Emphasis: sensitive areas, including lakeshore, wetlands, and riparian areas along streams and rivers.

Actions:

1. Assist lake associations and/or property owners to identify potential areas for restoration.
2. Encourage implementation of innovative stormwater management practices.
3. Provide the most current information about best management practices (BMP's) to prevent and correct erosion using native species along lakes and rivers.
4. Implement stormwater management and erosion control retrofit projects by specific watershed or lakeshed.
5. Provide technical and financial assistance for BMP installation of stormwater and erosion control projects.
6. Develop and/or distribute educational media on the importance of BMP implementation and proper land use development.

Goal: Develop policies and guidelines that address existing and future development.

Actions:

1. Strengthen county ordinances to include stormwater and erosion control requirements and support the strengthening of similar ordinances in other local government units.

2. Develop policies that require mitigation measures for variance requests in shoreland areas.
3. Develop policies that effectively plan for future development.
4. Develop policies and ordinance language for the protection of natural environment lakes.

Priority Concern #2: Wastewater Management

Goal: Address water quality problems stemming from inadequate wastewater management.

Emphasis: Failing (SSTS) and sanitary system overflows.

Actions:

1. Continue to enforce the successful St. Louis County-wide point of sale program for SSTS in order to (a) identify and bring failing systems into compliance, and (b) increase the amount of data available to the county and public.
2. Support wastewater treatment facility projects within SSTS problem areas.
3. Support the efforts of the city of Duluth, WLSSD and other municipalities or communities to eliminate or reduce sanitary system overflows and to repair, modernize or upgrade wastewater treatment systems.
4. Develop a septic system permit and tracking component in the land records portal to identify problem areas based on failure rate, soil and water conditions.
5. Continue to provide financial assistance in the form of low interest loans to homeowners who need to upgrade or replace failing or non-conforming septic systems.
6. Develop a septic system database using GIS to display expansion areas, wells and suitable building areas on all parcels.
7. Ensure that all properties being considered for development have appropriate conditions to accommodate wastewater systems for the highest reasonable use of the property.
8. Provide education on the technology, use and maintenance of private sewage treatment systems to home and cabin owners.

Priority Concern #3 Ground and Surface Waters

Goal: Protect ground and surface water from the combined impacts of point and non-point source pollutants. Emphasis: Contaminated run-off.

Actions:

1. Acquire data through technology development, GIS analysis, remote sensing, ground truthing, surveys or purchase to fill pre-existing or discovered data gaps.
2. Encourage and assist private landowners in forest management, development of forestry plans, re-forestation and operation following the Minnesota Forest Resource Council Voluntary Site Guidelines.
3. Provide cost-share assistance funds to seal unused wells.
4. Support wellhead protection areas and plans.
5. Protect waters that have wild rice and avoid impacts to wild rice habitat.
6. Encourage and assist local governments, communities and non-governmental organizations to prepare watershed management plans.
7. Encourage and assist land owners and occupiers to install water protection practices and BMP's.
8. Encourage and assist in wetland avoidance and impact minimization. Encourage wetland restoration projects within the county.
9. Support, develop and continue efforts to prevent infestation by, control or extirpate invasive species and weeds.

Goal: Monitor, assess and restore watersheds.

Actions:

1. Support and assist communities and local governments with stormwater management.
2. Perform or assist other agencies, governments and organizations with watershed assessment and monitoring activities.
3. Continue monitoring wildlife impact such as beaver and geese.

Goal: Coordinate and perform education activities.

Actions:

1. Support and assist the Minnesota Pollution Control Agency's Citizens Lake and Stream Monitoring Program.
2. Educate the public on the importance of sealing unused wells.
3. Foster awareness and understanding of water quality issues and promote shared responsibility for protection of Minnesota's water resources.
4. Encourage and assist the appropriate development and activities of lake associations.

Priority Concern #4 Impaired Waters

Goal: Work towards restoring those waters in the county listed as impaired on state 303(d) list.

Actions:

1. Seek funding for and complete total maximum daily load studies (TMDL).
2. Monitor and assess data to determine whether water resources meet water quality standards for designated uses.
3. Seek funding for and develop implementation and/or protection strategies based on watershed assessments. Assess data to determine whether water resources meet water quality standards for designated uses.
4. Implement projects and actions intended to reduce sources of non-point pollution and restore watersheds using best management practices.
5. Assess data to determine whether water resources meet water quality standards and designated uses.
6. Support and complete projects that address the beneficial use impairments of the St. Louis River Area of Concern (AOC). Implement the remedial action plan and work toward AOC delisting.
7. Complete TMDL projects that are currently underway, including Little Fork River, Knife River and Miller Creek.

Relevant Separate Plans and Controls

The following plans and controls are consistent with the work plan efforts outlined in the St. Louis County Comprehensive Water Management Plan:

City of Duluth Ordinance Chapter 18 Erosion and Sediment Control, Chapter 43 Sewers and Sewage Control, Chapter 18, which establishes controls for erosion and sedimentation within the city. Chapter 43, establishes the operation of the cities' wastewater facilities for public health, safety and welfare.

St. Louis County Ordinance #27: Comprehensive Land Use Plan which includes comprehensive and land use plans for county-administered, non-municipal areas. It also includes the North Shore Management Plan, the Vermilion River Plan, the Voyageur Planning Area, and the St. Louis, Cloquet and Whiteface Corridor Management Plan.

Lake Superior Basin Plan: The Lake Superior Basin Plan specifically lists impaired waters and the protection of surface waters as program priorities. The other priority concerns identified in this plan are consistent with the goals and strategies of the Lake Superior Basin Plan.

Rainy River Basin Plan: The Rainy River Basin Plan extols the value of local water management in basin planning. It also emphasizes the need to set priorities and notes that focusing on impaired waters inherently prioritizes local water management planning efforts. The overall goal of the plan is to maintain or improve the condition of streams, rivers, lakes and groundwater in the Rainy River Basin, with sub- goals related to erosion, drinking water and shoreland use. All of these goals are consistent with the goals and actions set forth in this plan.

St. Louis River Remedial Action Plan: There are five priority action items for the St. Louis River Area of Concern. Reducing non-point source pollution, specifically, urban stormwater and restoring and protecting habitat, are two actions that directly support this plan. The remaining priority actions do not conflict with this plan.

Laurentian Resource Conservation & Development Council Area Plan 2008-2012: This document provides strategic direction for the RC&D Council for the time period 2008-2012. It includes strategies that are congruent with the priority concerns of the comprehensive water management plan including: 1) Promote and facilitate the implementation of Best Management Practices to improve the quality of impaired waters, and 2) Reduce and control erosion from high priority streambank, lakeshore and roadside sources. The remaining strategies in this plan do not conflict with the priority concerns of the updated water management plan.

Statewide Conservation and Preservation Plan, 2008: More than 125 experts contributed to this plan, the purpose of which is to: "...identify the state's natural resources, identify key issues affecting those resources, and make recommendations for improving and protecting them." The plan cites seven key issues that, if addressed, would "benefit the greatest number of natural resources to the greatest degree." Land and water habitat fragmentation, degradation, loss and conversion and land use practices were two key issues listed that match the priority concerns set forth in this plan. The other five key issues do not conflict with the priority concerns proposed in this plan. Land and water restoration and protection is one of five strategic areas around which the recommendations in the plan are based.

Minnesota Watermarks: This legislatively mandated document was put together by Minnesota Planning and the Minnesota Environmental Quality Board. It identifies a series of goals and objectives for water resources on a state-wide level. Protecting and restoring surface and groundwater quality are specific goals in this document. The other priority concerns listed in this plan are consistent with the proposed strategies of *Minnesota Watermarks*.

Minnesota Nonpoint Source (NPS) Water Pollution Management Program Plan: This is a statewide plan focused on the greatest threat to our nation's waters today: NPS. NPS include stormwater and SSTS, which are also cited as priority concerns in this document.

Superior National Forest Plan: This plan guides all natural resource management activities for the Superior National Forest. It describes desired resource conditions, resource management practices, levels of resource production and management, and the availability of suitable land for resource management.

St. Louis, Cloquet, Whiteface Corridor Plan: Section 21 of St. Louis County Ordinance 27: This is a local management plan that provides protection to the rivers' ecosystems in the areas of land use, forestry management and land acquisition.

Voyageurs National Park Water Resources Management Plan 2005: The focus of this plan is to maintain or improve water quality through management actions, cooperation with adjoining land managers, partnerships, education and outreach programs.

Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of Reviewing the Local Water Management Plan Update for St. Louis County (Minnesota Statutes, Section 103B.311, Subdivision 4 and Section 103B.315, Subdivision 5.)

ORDER APPROVING LOCAL WATER MANAGEMENT PLAN UPDATE

Whereas, the St. Louis County Board of Commissioners submitted a Local Water Management Plan Update (Plan Update) to the Board on May 28, 2010, pursuant to M.S. Section 103B.315, Subd. 5, and

Whereas, the Board has completed its review of the Plan Update;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order:

FINDINGS OF FACT

1) On August 13, 2009, the Minnesota Board of Water and Soil Resources received a Priority Concerns Scoping Document from St. Louis County, pursuant to M.S. Section 103B.312.

2) On October 28, 2009, the Board of Water and Soil Resources approved official comments on the St. Louis County Priority Concerns Scoping Document, which were mailed to the county on October 28, 2009.

3) The priority concerns the local water management plan addresses include:

   A) Development
   B) Wastewater Management
   C) Ground and Surface Water
   D) Impaired Waters

4) On May 28, 2010, the Board of Water and Soil Resources received the St. Louis County Plan Update, a record of the public hearing, and copies of all written comments pertaining to the plan update to the Board for final State review pursuant to M.S. Section 103B.315, Subd. 5.

5) On August 11, 2010, the regional Water Planning Committee of the board reviewed the recommendation of the state review agencies regarding final approval of the St. Louis County Plan Update. Recommendations of the state review agencies were:

   A) Minnesota Department of Agriculture: No recommendation received.
   B) Minnesota Department of Health: Recommends approval.
   C) Minnesota Department of Natural Resources: No recommendation received.
   D) Minnesota Pollution Control Agency: Recommends approval.
   E) Minnesota Environmental Quality Board: No recommendation received.

F) Minnesota Board of Water and Soil Resources regional staff: Recommends approval.
G) Board Water Plan Review Committee Meeting: Recommends approval.

6) This update will be in effect until August 26, 2020; with the Goals, Objectives and Action Items being amended prior to August 26, 2015.

CONCLUSIONS

1. All relevant requirements of law have been fulfilled. The Board has proper jurisdiction in the matter of approving a Comprehensive Water Plan Update of St. Louis County pursuant to Minnesota Statutes , 103B.315, Subd. 5.

2. The St. Louis County Plan Update attached to this Order states water and water-related problems within the county; possible solutions; general goals, objectives, and actions of the county; and an implementation program. The attached Plan Update is in conformance with the requirements of M.S. Section 103B.301.

ORDER

The Board hereby approves the attached update of the St. Louis County Local Water Management Plan; with the Goals, Objectives and Action Items being amended prior to August 26, 2015.

Dated at Moorhead, Minnesota, this twenty-sixth day of August 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Randy Kramer, Chair

COMMITTEE RECOMMENDATIONS

Southern Water Planning Committee

1. Area II Minnesota River Basins Project Inc., Grant - Paul Langseth – ***DECISION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **Area II Minnesota River Basins Project Inc. Work Plan and Grant**

Meeting Date: August 26, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business
Item Type: ☒ Decision ☐ Discussion ☐ Information
Section/Region: Southern Region
Contact: Jeff Nielsen
Prepared by: Carla Swanson-Cullen
Reviewed by: Southern Water Planning Review Committee Committee(s)
Presented by: Paul Langseth

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested
☐ Other:

☒ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

ACTION REQUESTED

Approval and execution of fiscal year 2011 grant agreement.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
Legislative appropriation to Area II Minnesota River Basins Project to assist its nine member counties flood control projects in southwestern Minnesota. Area II receives a cost-share rate of 75% state funding and 25% local funding for office administration and project implementation; oversight is provided by the BWSR.

** FY11 Budget and Supplemental Information will be provided at the Board Meeting.

Minnesota Board of Water & Soil Resources

DATE: August 16, 2010

TO: Jeff Nielsen

FROM: Tabor Hoek

SUBJECT: FY 11 Area II MN River Basins Project Inc. Annual Work Plan and Budget

I have reviewed the Area II MN River Basins Project Inc. annual work plan update and budget. I find all to be in order and recommend the plan for approval. As a bit of context, Area II has been successful in securing project funds from state bonding and LCCMR. They also leverage federal cost share and Co. and state hwy bridge funds when projects occur as part of road construction and bridge replacement. The funding provided to this board in specific legislation is targeted at administration of this 9 county joint powers board. For FY2011 this amount is $120,000. This grant requires a 25% match. Should you have any further questions, please contact me. Thank you.

Bemidji
3217 Bemidji Avenue N.
Bemidji, MN 56601
phone (218) 755-4235
fax (218) 755-4201

Brainerd
217 S. 7th Street
Suite 202
Brainerd, MN 56401
phone (218) 828-2383
fax (218) 828-6036

Duluth
394 S. Lake Avenue
Room 403
Duluth, MN 55802
phone (218) 723-4752
fax (218) 723-4794

Fergus Falls
1004 Frontier Drive
Fergus Falls, MN 56537
phone (218) 736-5445
fax (218) 736-7215

Marshall
1400 E. Lyon Street
Box 267
Marshall, MN 56258
phone (507) 537-6060
fax (507) 537-6368

New Ulm
261 Highway 15 S.
New Ulm, MN 56073
phone (507) 359-6074
fax (507) 359-6018

Rochester
2300 Silver Creek
Road N.E.
Rochester, MN 55906
phone (507) 280-2874
fax (507) 285-7144

Saint Paul
520 Lafayette Road N.
Saint Paul, MN 55155
phone (651) 296-3767
fax (651) 297-5615

Web: www.bwsr.state.mn.us TTY: (800) 627-3529 An equal opportunity employer Printed on recycled paper

Minnesota Board of Water & Soil Resources

Board Resolution # 09-74

Area II Minnesota River Basins Project Inc. Work Plan and Grant

WHEREAS, the Area II Minnesota River Basins Project Inc. (Area II) is eligible to receive a $130,000 FY 2010 grant from the MN Board of Water and Soil Resources (BWSR). This grant is available for administrative and implementation efforts of Area II within their nine county project area. This grant is available with a 25% local match requirement; and

WHEREAS, Area II has developed an annual work plan to cover activities for FY 2010 and FY 2011; and

WHEREAS, Area II has secured their 25 percent match requirement.

THEREFORE BE IT RESOLVED, the BWSR hereby approves the Area II FY2010 and 2011 annual work plan; and

BE IT FURTHER RESOLVED, the Board of Water and Soil Resources enter into a grant agreement with the Area II Minnesota River Basins Project Inc. for these funds.

Randy Kramer, Chair
Board of Water and Soil Resources

Date: 9/23/09

Minnesota Board of Water & Soil Resources

Board Resolution #_____

Area II Minnesota River Basins Project Inc.
Work Plan and Grant

WHEREAS, the Area II Minnesota River Basins Project Inc. (Area II) is eligible to receive a $120,000 fiscal year 2011 grant from the Minnesota Board of Water and Soil Resources (BWSR). This grant is available for administrative and implementation efforts of Area II within their nine county project area. This grant is available with a 25 percent local match requirement; and

WHEREAS, Area II developed a work plan to cover activities for fiscal years 2010 and 2011. The BWSR Southern Water Planning Review Committee reviewed this work plan on September 3, 2009, and recommended approval. The Area II work plan was approved by the full BWSR Board on September 23, 2009; and

WHEREAS, Area II has secured their 25 percent match requirement.

THEREFORE BE IT RESOLVED, the Board of Water and Soil Resources enter into a grant agreement with the Area II Minnesota River Basins Project Inc. for these funds.

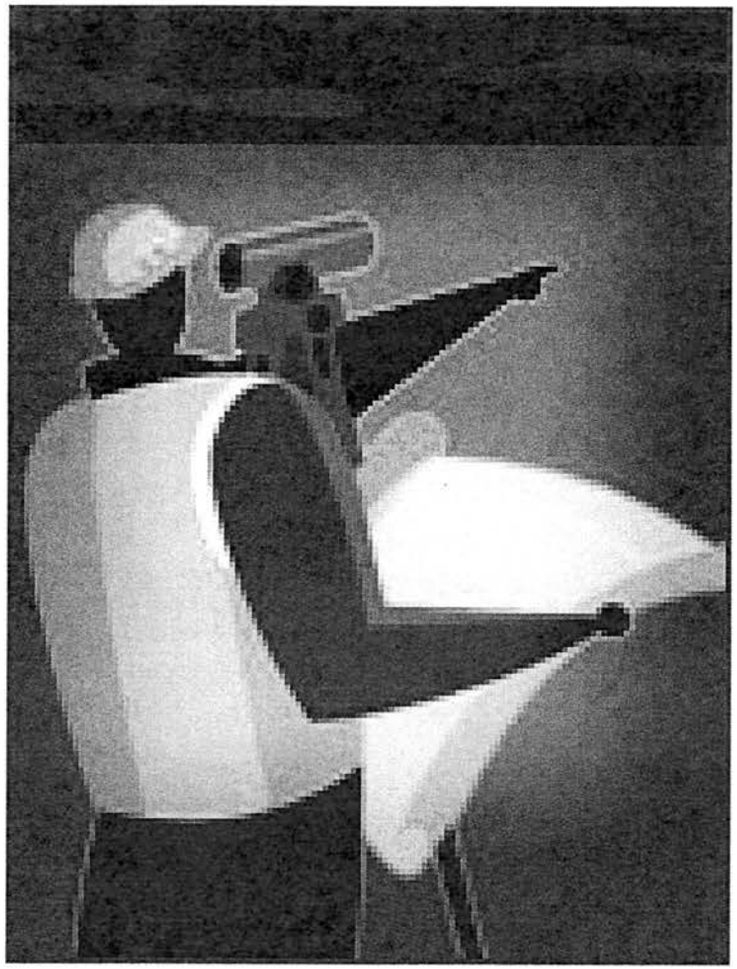
_____ _____

Randy Kramer, Chair
Minnesota Board of Water and Soil Resources

Date

BIENNIAL PLAN – FY 2010 & 2011

JULY 1, 2009 – JUNE 30, 2011



FY 2010 Update

August 2010

AREA II MINNESOTA RIVER BASIN PROJECTS, INC.

CONTENTS

BIENNIAL PLAN – FY 2010 & 2011

2010 BOARD OF DIRECTORS - PAGE 2

WORK PLAN NARRATIVE- PAGE 3

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SUMMARY OF 2006 BONDING PROJECTS - PAGE 6

PROJECTS FOR FY 2010 & 2011 - PAGE 7

ATTACHMENT A - PAGE 8
FY 2011 TECHNICAL OFFICE BUDGET

2010 BOARD OF DIRECTORS

BROWN COUNTY
*ANDREW LOCHNER – **CHAIR***
DEBORAH DOVE

COTTONWOOD COUNTY
*GARY SORENSON – **VICE CHAIR***
NORMAN HOLMEN

LAC QUI PARLE COUNTY
HAROLD SOLEM
TODD PATZER

LINCOLN COUNTY
CURT BLUMEYER
LARRY HANSEN

LYON COUNTY
PHILIP NELSON
RODNEY STENSRUD

MURRAY COUNTY
*ROBERT MOLINE - **SECRETARY/TREASURER***
JOHN GIESE

PIPESTONE COUNTY
MARGE DERUYTER
HAROLD MILLER

REDWOOD COUNTY
JOHN SCHUELLER
ALLEN KOKESCH

YELLOW MEDICINE COUNTY
LOUIS SHERLIN
RON ANTONY

AREA II MINNESOTA RIVER BASIN PROJECTS, INC.

BIENNIAL PLAN – FY 2010 & 2011

WORK PLAN NARRATIVE

STAFF:

Kerry Netzke ~ *Coordinator* Joe DeSchepper ~ *Engineering Technician* Duane Hansel, P.E. ~ *Consultant Engineer Bolton & Menk, Inc.*

Area II's biennial appropriation from the State of MN was reduced from $130,000 to $120,000 per year, a 8% reduction. This level of funding is manageable, however even more county funds are now directed towards the administrative budget rather than serving as matching funds to assist landowners with their 25% local share of project costs. The nine member counties continue to contribute $85,165.74 annually. Budget reductions continue to be made, most affecting the Professional Services and contracting of engineering from Bolton & Menk, Inc. With increasing reporting requirements associated with State funding, Area II's outdated website will be revised and more informational by the end of the calendar year.

Fiscal 2010, and particularly the late 2009 construction season, was a busy one with over $767,413.26 of projects constructed. *(see page 4)*

Expending the 2006 Bonding appropriation of $500,000 has been challenging from the onset. As you may recall, there was no 2004 Bonding Bill which resulted in Area II receiving $500,000 in bonding in 2005 and another $500,000 bonding appropriation in 2006. And these appropriations followed a $500,000 LCMR appropriation which was completed in June 2006. With a small, yet effective staff and unending interest in floodwater retention projects, the shortened time frame to use all the funding sources has been difficult. The economic downturn has affected some of the participating landowners as they find themselves unable to afford the 25% local share and need to continue saving to accumulate enough funding. Area II is unable to help landowners as much as before with county funds paying for more administration than project construction.

Area II greatly appreciates the ongoing support given to them from the Minnesota Board of Water & Soil Resources. Area II will continue its good work and to make BWSR proud of the conservation practices that only we can do jointly in southwestern Minnesota.

FY 2010
COMPLETED PROJECTS

χ **Monroe 4 Dam Repair - Lyon County** **$ 10,372.99**

WHIP Federal Funds	$ 5,901.00
2006 Bonding Funds	$ 2,373.74
Landowner	$ 1,878.74
Area II Counties	$ 219.51

χ **Amiret 29 Dam – Lyon County** **$ 30,631.50**

2006 Bonding Funds	$ 13,554.44
Landowner	$ 6,963.87
WHIP Federal Funding	$ 9,419.18
Area II Counties	$ 694.25

χ **Monroe 8 Dam – Lyon County** **$283,445.80**

2006 Bonding Funds	$152,442.15
Landowner	$ 20,000.00
Area II Counties	$ 15,437.25
EQIP Federal Funding	$ 60,142.20
Lyon County	$ 33,924.20
Lyon County Water Plan	$ 1,500.00

χ **Island Lake 4 Dam -- Lyon Co.** **$171,046.34**

2006 Bonding Funds	$ 78,247.90
EQIP Federal Funding	$ 34,639.00
Area II Counties	$ 177.35
Lyon County	$ 14,452.09
Landowner	$ 20,000.00
Yellow Medicine River Watershed District	$ 2,000.00
Lyon County Water Plan	$ 1,500.00

χ **Sodus 5 Dam - Lyon County** **$118,257.65**

2006 Bonding Funds	$ 38,946.90
Landowner	$ 23,416.35
EQIP Federal Funding	$ 49,746.34
Area II Counties	$ 6,148.06

χ **Redwood Falls 17 Dam – Redwood** **$ 18,694.00**

Clean Water Legacy Funds	$ 14,020.50
Landowner	$ 4,673.50

χ **Paxton 3 Dam Repair – Redwood** **$ 14,684.00**

Clean Water Legacy Funds	$ 11,013.00
Landowner	$ 3,671.00

χ **Drammen 15 Dam – Lincoln County** **$120,280.98**

2006 Bonding Funds	$ 44,217.73
EQIP Federal Funding	$ 45,993.00
Area II Counties	$ 20,070.25
Landowner	$ 10,000.00

PROJECT CONSTRUCTION TOTAL

$767,413.26

FY 2010
OTHER PROJECTS

χ **Clean Water Legacy Funds – Redwood & Cottonwood Watersheds**

A portion of the funding was earmarked to fund up to ten small dam repairs (up to $15,000 each) within the two watersheds. Area II is providing surveying and engineering design services. The following projects are stemming from this grant:
(completed projects are highlighted in blue)

Paxton 3– Redwood County
Sherman 27 – Redwood County
Lamberton 22 – Redwood County
Lamberton 25 – Redwood County
Stanley 21 – Lyon County
Charlestown 30 – Redwood County
Redwood Falls 17 – Redwood County
Springdale 30 – Redwood County
North Hero 3 – Redwood County
Lynd 33 – Lyon County
Monroe 4 – Lyon County
Amiret 27 – Lyon County
Amiret 35 – Lyon County

χ **Minnesota River Basin Initiative – Redwood County**

The Redwood SWCD was successful in securing funds through NRCS from the Minnesota River Basin Initiative. Approximately $300,000 is available for projects in the northeastern corner of the county. Part of the workplan involves stopping the severe gully erosion along the Minnesota River bluff. The SWCD has enlisted Area II to provide survey, engineering design, and construction management services as these projects evolve.

SUMMARY OF 2006 BONDING PROJECTS

χ	**Amiret 18 Road Retention – Lyon County**	**$ 70,268.25**
χ	**Amiret 29 Dam – Lyon County**	**$ 13,554.45**
χ	**Amiret 35 Dam Repair – Lyon County**	**$ 2,346.76**
χ	**Florida 22 Dam Repair – Yellow Medicine County**	**$ 7,934.25**
χ	**Hansonville 18 Dam – Yellow Medicine County**	**$ 10,209.58**
χ	**Wergeland 31 Dam Repair – Yellow Medicine County**	**$ 13,823.75**
χ	**Lamberton 16SE Dam Repair – Redwood County**	**$ 1,762.50**
χ	**Drammen 15 Dam – Lincoln County**	**$ 44,217.73**
χ	**Monroe 8 Dam – Lyon County**	**$152,442.15**
χ	**Monroe 4 Dam Repair -- Lyon County**	**$ 2,373.74**
χ	**Island Lake 4 Dam – Lyon County**	**$ 78,247.90**
χ	**Sodus 24 Small Dam – Lyon County**	**$ 50.00**
χ	**Sodus 5 Small Dam – Lyon County**	**$ 38,946.90**
TOTAL		**$ 436,177.96**

($61,425.28 remaining until 12/31/10)

POTENTIAL PROJECTS FOR FY 2010 & FY 2011

- χ Germantown 22 Dam - Cottonwood County

- χ Lake Stay 3 Dam - Lincoln County

- χ Amiret 29 Dam - Lyon County (COMPLETED)
- χ Lyons 12 Dam - Lyon County
- χ Sodus 5 Dam - Lyon County (COMPLETED)
- χ Sodus 16 Dam - Lyon County
- χ Sodus 24 Dam - Lyon County (SEPTEMBER 2010 CONSTRUCTION)
- χ Lynd 33 Dam Repair - Lyon County
- χ Monroe 4 Dam Repair - Lyon County (COMPLETED)
- χ Rock Lake 12 Dam Repair - Lyon County

- χ Holly 22 Road Retention – Murray County

- χ Charlestown 28 Dam Repair - Redwood County
- χ Lamberton 25 Dam Repair - Redwood County
- χ Lamberton 9 Dam - Redwood County (COMPLETED)
- χ Gales 18 Dam - Redwood County
- χ Sheridan 1 Dam - Redwood County
- χ Sherman 27 Dam - Redwood County
- χ Springdale 17 Dam - Redwood County
- χ Springdale 24 Dam - Redwood County
- χ Springdale 28 Dam - Redwood County
- χ Springdale 21 Road Retention - Redwood County
- χ North Hero 34 Road Retention - Redwood County

- χ Fortier 36 Road Retention – Yellow Medicine County
- χ Fortier 1 Dam – Yellow Medicine County

ATTACHMENT A

FY 2011Technical Office Budget

OFFICE OPERATIONS

Personal Services:

*Directors' Compensation	$ *6,700.00**
*Directors' FICA	*512.50**
Employees' Salaries	92,600.00
Employees' FICA	7,080.00
Employees' Medical Insurance	14,950.00
Employees' Retirement	6,450.00
Employee' FlexPlan	420.00
Total Personal Services	**$ 128,712.50**

Supplies:

Office	$ 2,000.00
Field	500.00
Capital Outlay	0.00
Total Supplies	**$ 2,500.00**

Other Services and Costs:

*Directors' Expenses	$ *4,250.00**
Employees' Expenses	1,750.00
Continuing Education	0.00
Professional Services	30,000.00
Maintenance & Repairs	1,200.00
Telephone	950.00
Postage	1,000.00
Vehicle Expense	3,500.00
*Director's Insurance	*1,557.00**
Other Insurance	13,350.00
Rent	7,083.00
Miscellaneous & Other Expenses	2,500.00
*Miscellaneous Expenses - Directors	*0.00**
Total Other Services and Costs	**$ 67,140.00**

TOTAL OFFICE OPERATIONS	$ 198,352.50
Total Ineligible for Cost-Share by the State	*13,019.50**
Total Eligible for Cost-Share by the State	$ 185,333.00

**** These items not cost-shared by the State***

STATE SHARE OF ELIGIBLE OFFICE COSTS	**$ 120,000.00 (65%)**
Local Share of Eligible Office Costs	65,333.00 (35%)

AREA II MINNESOTA RIVER BASIN PROJECTS, INC.

NEW BUSINESS

1. Minnesota River Board, Fiscal Year 2011 Work Plan and Grant – Paul Langseth – ***DECISION ITEM***

2. Red River Basin – Long Term Flood Solutions: Project Update Presentation – RRBC Staff – ***INFORMATION ITEM***

3. Flood Risk Management for Urban Centers – Brett Coleman, Project Manager, U.S. Army Corps of Engineers – ***INFORMATION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **Minnesota River Board FY11 Work Plan & Grant**

Meeting Date: August 26, 2010

Agenda Category: ☐ Committee Recommendation ☒ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Southern Region

Contact: Jeff Nielsen

Prepared by: Carla Swanson-Cullen

Reviewed by: Southern Water Planning Review Committee Committee(s)

Presented by: Paul Langseth

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested

☒ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED
Approval of fiscal year 2011 work plan and execution of fiscal year 2011 grant agreement.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
Please see the Minnesota River Board Plan of Work (included) for history, goals, and budget.

Minnesota River Board

Plan of Work

July 1, 2010 - June 30, 2011 (FY11)*

*some aspects of the work plan have been carried forward from FY10 and extend beyond FY11

Contact Information:
Shannon J. Fisher, Executive Director
Minnesota River Board
184 Trafton Science Center South
Mankato, MN 56001
(507) 389-5491;
shannon.fisher@mnsu.edu
www.minnesotariver.org

MRB Approved on 7-19-10
Submitted by _____
Shannon Fisher, Exec. Dir.

Minnesota River Board Basics

In 1992, the Minnesota River Citizen's Advisory Committee (MRCAC) was formed. In 1994, the MRCAC released the report, *Working Together: A Plan to Restore the Minnesota River.* The report detailed ten recommendations (listed below) that the participants believed would improve Minnesota River health.

- restore floodplains and riparian areas,
- restore wetlands,
- manage drainage ditches and storm sewers as tributaries,
- improve land management practices,
- monitor water quality throughout the Minnesota River Basin,
- establish a "Minnesota River Commission" to oversee the clean-up effort,
- establish local joint powers agreements,
- improve technical assistance to local governments,
- engage the general public, and
- enforce existing laws

As a result of the MRCAC recommendations and increasing Minnesota River awareness, the Minnesota River Basin Joint Powers Board (formally changed names to the Minnesota River Board in 2009 and hereafter referred to as MRB) was forged in 1996 (*Minnesota Statute 103F.378*). The MRB was founded on

- the desire to collaborate and leverage in a judiciously appropriate manner and
- the desire to assume a leadership role and be more pro-active in the coordination of basin-wide water quality improvement efforts at all levels.

Mission and Vision

The MRB is founded on and conducts its business based on the principles and objectives outlined in our Mission and Vision statements.

MRB Mission Statement

"To provide leadership, build partnerships, and support efforts to improve and protect water quality in the Minnesota River Basin"

MRB Vision Statement

"Conservation and restoration of Minnesota River resources and our way of life can only be achieved by a cooperative effort between citizens and all levels of government and business."

Organizational Structure

The MRB partnership structure (Figure 1) has been in place since 2003 and remains a desirable and productive organizational profile. The internal structure of the Minnesota River Board itself should be evaluated, possibly for greater inclusion of basin partners. The relationship between the Water Resources Center (WRC) and the MRB has been very good and has been highlighted by legislators during MRB negotiations. The WRC has facilitated stability and progress for both entities. Significant dedication to re-establishing relations and partnerships with the watershed programs needs to and will occur over the next few years.

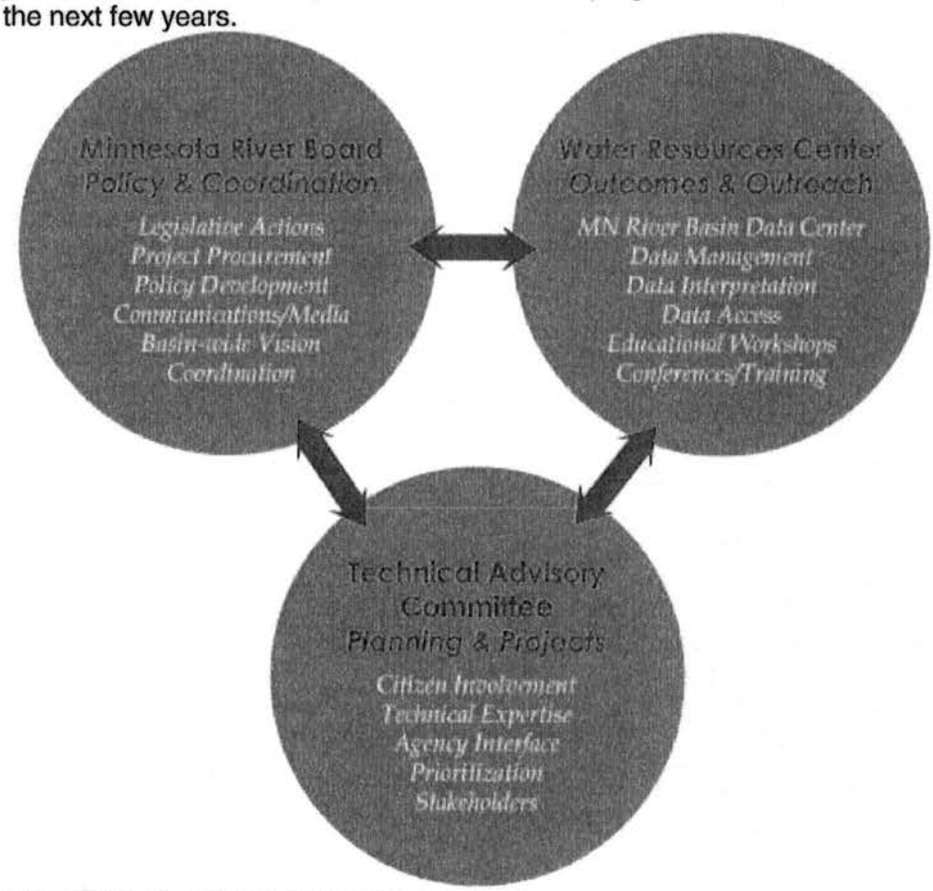


Figure 1. MRB Organizational Structure

Staff and Contact Information

Shannon J. Fisher, Executive Director	(507) 389-5690; shannon.fisher@mnsu.edu
Susie D.G. Carlin, Program Director	(507) 389-6279; susan.carlin@mnsu.edu
Karnell W. Johnson, Office/Grants Manager	(507) 389-5491; karnell.johnson@mnsu.edu
Brooke Hacker, Ecosystem Services Specialist	(507) 345-4744; brooke.hacker@mnsu.edu

Minnesota River Board
184 Trafton Science Center South
Mankato, MN 56001
www.minnesotariver.org

Membership

The MRB is a joint powers board charged with coordinating efforts to improve water quality in the 38-county Minnesota River Basin and providing reporting for and assistance to 12 major watersheds (Figure 2). Upon acceptance of the joint powers agreement, each county with dues paid in full shall have one county commissioner as its delegate to the board and one county commissioner as an alternate. A technical and citizen advisory committee was established to advise the board and consisted of a technical representative from each participating county in the basin and citizens who are not county employees, but who have an interest in agriculture, conservation, sporting activities, and other relevant areas as determined by the board. This committee has not been active and should be revitalized, as input from these basin stakeholders is critical for the positive advancement of the board's mission. For counties wishing to return to the board, a new policy detailing re-admission procedures was approved in January of 2008. Contact the MRB staff for more information.

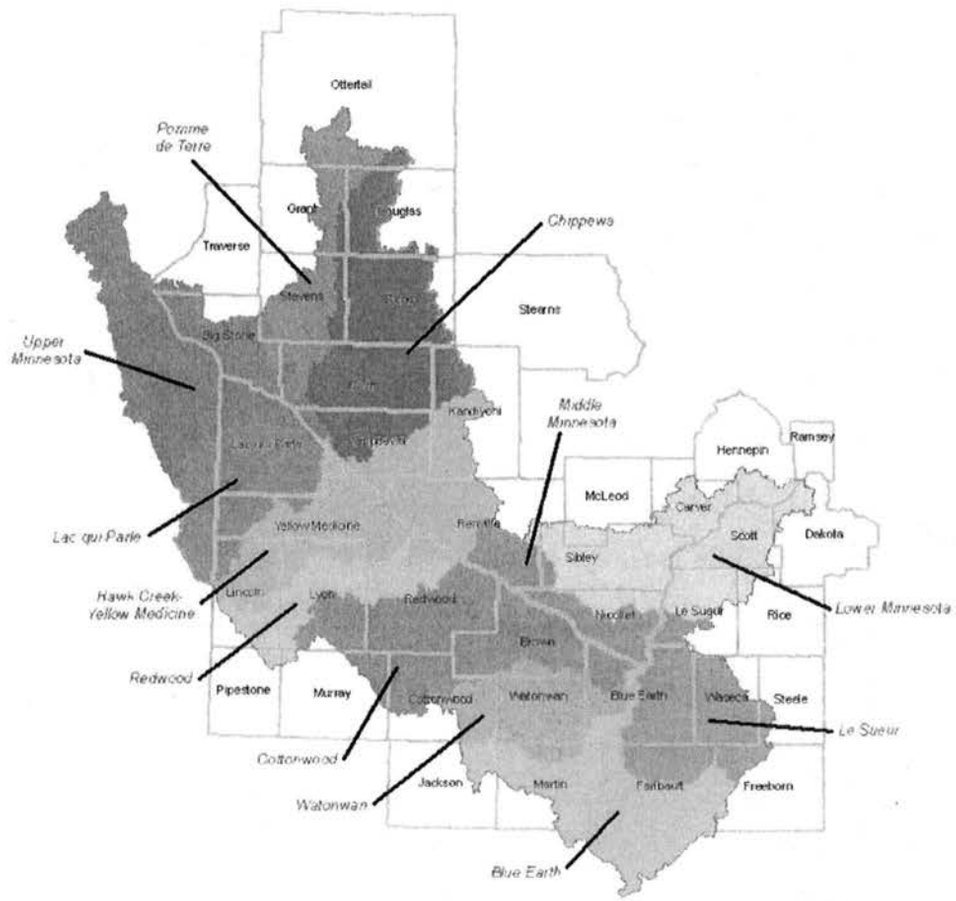


Figure 2. Figure denotes the Minnesota River basin made up of 12 major watersheds and 38 counties associated with the Minnesota River Basin Joint Powers Board.

FY11 Plan of Work

In 2006, the MRB completed a "Procedures Guide and Strategic Plan (2006-2010)" to guide our work (http://www.minnesotariver.org) and in FY08 produced the first work plan under the renewed legislative funding scenario. As a result of these plans, a substantive review of our statutory obligations and an ongoing assessment of what the MRB could and should be for the Minnesota River and our partners have been completed. As a result of these conversations, the FY09 work plan included a directive to update the statutory language that guides the MRB duties and processes. Bills were introduced in the 2009 session and subsequently passed both houses of the legislature and was signed by the governor.

The 2009 statutory update has brought greater focus to the FY10 and now FY11 work plans, clarifying MRB roles as a multi-major watershed entity, a de-emphasizing provision of local implementation project management (as those duties are best managed by local watershed project and conservation district staff), and serving as an additional voice for the Minnesota River basin. As part of these changes, a technical and citizen advisory committee has been re-initiated and what we hope will become an annual fall professional's assembly has been started. We want to be a part of building stronger partnerships among basin professionals, moving policy forward, and getting issues on the table.

In FY10, the MRB staff focused substantively on our ongoing CIG grant to move forward the concept of Conservation Marketplace of Minnesota. This grant has provided an important platform for ecosystem services to gain momentum in Minnesota – both in the basin and beyond. The Marketplace concept will continue to be an important focus area for the MRB during the upcoming year, and additional funds to elevate this imitative have been applied for. As has occurred in the past few years, we have set lofty goals and done our best to challenge ourselves to achieve them, but inevitably in our successes, comes a few shortfalls. A few goals from the FY10 plan will be carried forward into the FY11 plan, as they were not accomplished to satisfaction and we desire to keep working on them. In the following FY10 summary section (Section 1), we address our progress, shortcomings, and items to be carried forward to the FY11 work plan.

The FY11 Work Plan (Section 2) is structured using a set of goal statements that are then followed by a series of actions and products that will serve as progress measures. Certain aspects of the FY10 plan will include some carry-over portions of goals from previous work plans that are viewed as still critical for the MRB to complete. The FY11 work plan will include fewer focus areas; however, the areas that have been identified are heavy work load and intensive management projects. The staff of the MRB feel strongly that we should focus on fewer items with more intensity, rather than spreading ourselves too thin. Section 3 overviews the budget for FY11 and highlights the anticipated expenditures and income.

The CMM project will be our greatest work load effort during the upcoming year. Other focal points for the MRB in FY11 will include:

1) Finalizing reports on groundwater in the basin and status of re-determination of ditch benefits across the basin counties,
2) Development of a task group to complete a new strategic plan,
3) Development of the Blue Thumb program in the basin, and
4) Enhancement of the technical and citizen advisory team, to include their involvement in grant review, conference planning, and policy development.

SECTION 1 - FY10 WORK PLAN PROGRESS REPORT

The acronyms are as follows: Executive Director (E), Program Director (P), Office Manager (O), and Contractual Services (C).

GOAL 1. Effectively manage the second year of the Conservation Innovation Grant, now known under the project name Conservation Marketplace of Minnesota (CMM).

A) Provide administrative support services (accounting, contracting, invoicing, match tracking, and financial reporting) for the CMM project team. (6/10 - O)
B) Coordinate and facilitate the National CMM Advisory Team, including setting up meetings, assisting with travel, establishing and clarifying duties, and working with partners to establish and distribute agendas. (6/10 - P)
C) Coordinate and facilitate the Policy Committee(s) for project areas within the Minnesota River Basin, including setting up meetings, assisting with travel, establishing and clarifying duties, securing policy that works for all areas of the Minnesota River Basin, and working with partners to establish and distribute agendas. (6/10 - E)
D) Coordinate and facilitate the Technical Committee(s) for project areas within the Minnesota River Basin, including setting up meetings, assisting with travel, clarifying duties, and working with partners to establish and distribute agendas. (6/10 - P)
E) Provide support to the Greater Blue Earth River Basin Alliance in associated with the CIG by hiring and providing HR services, work space and transportation for an employee that will work on the CMM project by transferring CMM funds to the Water Resources Center to cover the costs of the employee (8/09 - E)
F) Serve as the overall project advocate and liaison between the MRB and the project partners, including provision of update on project issues and progress to the Executive Director and assisting with project tasks as requested from project partners. (6/10 – P)

The NRCS Conservation Innovation Grant to develop the Conservation Marketplace of Minnesota (CMM) concept was the major focus of the Minnesota River Board staff this past year. As a result, the initiative consumed a substantial portion of the executive director and program director's workload. The project is on task and we continue to coordinate this effort that involves more than a dozen different committees and collaborators from across the country, with focus on building a program and relationships in five major watersheds: Middle, Lower, Watonwan, Blue Earth, and Le Sueur. The MRB also provides administrative support to the Sauk River Watershed in its capacity as a contractual partner in this grant. Goal 1A has been completed to the satisfaction of the National Fish and Wildlife Foundation (CIG grant administrator) and Karnell Johnson deserves our gratitude for managing this project on her limited funding. She has devoted substantive volunteer hours to ensure that all obligations have been met. Goal 1B has been managed by Susie Carlin. The National Advisory Team met on-site in the Sauk River Watershed in August 2009; it is scheduled to meet again in the Lower Minnesota River Watershed in June 2010. Susie has completed the tasks of this goal, but coordinating with people from across the country that have a variety of budgetary and workload restrictions has been very challenging for her. Goal 1C has been completed and the Policy Committee has been formed for the Minnesota River Basin. The 8-member team is comprised of stakeholder representatives as identified by the Minnesota River Board. A contract was developed with the Greater Blue Earth River Basin Alliance (GBERBA) for their participation in the CMM project and Brooke Hacker was hired by GBERBA to serve as the new Ecosystem Services Specialist. As part of this agreement, the MRB worked with MSU Mankato to provide hiring assistance, thereby fulfilling Goal 1E. Brooke works directly with GBERBA and is currently housed at the Blue Earth SWCD office. Program Director Carlin, along with substantive assistance from Brooke Hacker, have done a very good job of achieving Goal 1D. The Technical Committee has been very active, developing a CMM Minnesota River Business Plan, setting technical objectives, and moving forward on forms and procedural planning. Goal 1F duties have been met by all staff and we expend considerable energy and resources advocating for Conservation Marketplace of Minnesota and providing assistance to the contractual partners. Overall, this project is on task and progressing very well. The partners, grant sponsors, and agency liaisons have been pleased with the work done to date.

GOAL 2. Efficiently complete MRB administrative duties on schedule and be accountable for expenditures of public funds.

A) Prepare, obtain MRB and BWSR approval for, and implement FY10 Work Plan and budget. (approval by 8/09, completion by 6/10 - E)
B) Provide a progress report to BWSR by February 1, 2010. (2/10 - E)
C) Complete Executive Committee planning sessions in 10/09 and 4/10. (4/10 - E)
D) Complete an annual internal audit. (5/10 - O)
E) Conduct performance reviews as scheduled for the staff (6/10 - E).
F) Bring non-member counties back to the MRB, with an objective of securing at least 1. (6/10 - E)
G) Hold 6 full board meetings (bi-monthly), one of which will serve as the annual meeting, and two of which will be in partnership with basin organizations. (6/10 – P/O/E)
H) Write at least two grant and/or contract applications to bring external funds into the MRB to support our financial foundation and bring needed projects to the basin and provide significant cash and in-kind contributions to the projects. (6/10 - E)

MRB administrative duties have been completed on schedule (Goal 2A). The Goal 2B deadline was again missed this year, and Director Fisher takes full responsibility for the delay in getting the progress report to the Board of Water and Soil Resources. The report was submitted May 13, 2010 to Jeff Nielsen. Two Executive Committee meetings were held (Goal 2C), an internal audit was successfully completed (Goal 2D), and performance reviews were conducted (Goal 2E). Non-member counties were approached and presented opportunities to rejoin, but none pursued membership, perhaps due to budget restraints (Goal 2F). Unfortunately, we lost one county during FY10, as Yellow Medicine County submitted a resolution removing themselves from the board once again. Highlights from the year include an annual meeting in Redwood Falls on water conservation featuring nationally recognized speakers, partner hosted meetings in Blue Earth (Faribault County) and Morris (Stevens County) (Goal 2G). Two major grant applications were submitted to further support Conservation Marketplace of Minnesota: one to Legislative-Citizen Commission on Minnesota Resources and another for the next phase of the Conservation Innovation Grant program (Goal 2H).

GOAL 3. Reconvene the technical and citizen advisory committee and work with this committee to develop a process of communications and input.

A) Facilitate completion of a start-up meeting for the Minnesota River Basin Tech/Citizen advisory committee and utilize funding to defray the costs. (10/09 - E)
B) Work with basin stakeholders to determine a committee structure and process of technical representatives and citizen representatives whose input is critically important to the future work of the MRB. (12/09 - E)
C) Develop a plan on which to formally gather input from and to provide services to the advisory group, including a formal process of communications and meeting schedule. (2/10 - E)

The technical and citizen advisory committee was reinstituted and has met formally twice. At a meeting on October 1, 2009 in Morton, Steve Lawrence (Pope County) addressed technical and citizen members of the basin regarding the need for technical and citizen participation in the MRB. He called for volunteers to participate in the planning committee and 22 people indicated a willingness to serve. Ten participants from across the basin were brought together to develop a new technical/citizen team. Therefore, Goal 3A was achieved with some delays. The planning members are still working on Goal 3B. The initial proposal is to develop a communication

structure and input process (between the tech/citizen team and the MRB) with three Advisory Units: Upper (Lac qui Parle, Pomme de Terre, Chippewa, and Upper Watersheds), Middle (Hawk, Yellow-Medicine, Redwood, Cottonwood Watersheds, and the Middle west of Hwy 15), and Lower (Watonwan, Blue Earth, Le Sueur, Lower Watersheds, and the Middle east of Hwy 15). The committee will continue to meet in late FY10 and early FY11 to finalize this plan. They will determine structures for each group, identify additional stakeholders to be represented (statutory review included), and institute a formal communication and meeting schedule as listed in Goal 3C.

GOAL 4. Facilitate improved and increased communications between the MRB and our partners and among basin stakeholders.

A) Collaborate with the Minnesota River Watershed Alliance and various projects of the MRB and Water Resources Center to implement a MRB newsletter (2-4 pages), including features written by and/or regarding delegates, county staff, watershed professionals, and others. (10/09 – P/C/E)
B) Include condensed articles on major Minnesota River issues, similar to Envision 2020 reports. (start by 11/09 and then ongoing after that - C)
C) Monthly website update that feature the products from 4A and 4B, along with event notices and other items of interest. (6/10 – C)
D) Contract with communications staff at the Water Resources Center for assistance on completing this task. (10/09 - E)
E) Support ongoing enhancements of communications efforts in conjunction with MPCA, local media outlets, provision of press releases, etc....(6/10 – E/C)

This goal continues to be a difficult effort to fully engage in and implement. The MRB has partially achieved Goal 4A, as we regularly provide information to the MN River Watershed Alliance; however, we have not been able to implement an MRB newsletter. The MRB continues to provide support and services to the Minnesota River Watershed Alliance, which provides newsworthy information via e-mail and newsletter updates (Goal 4B). Goal 4C has been difficult to complete due to budgetary restraints. We have attempted to utilize internal staff and students to accomplish this task (Goal 4A) however, progress has been minimal and we are assessing end-of-year funds to determine if we can contract this out. The MRB has been supporting ongoing enhancements in and continuation of communication efforts – providing news information to the Minnesota River Watershed Alliance and the MPCA's Watershed Network, and developing press releases as needed on critical issues.

GOAL 5. Promote and complete a program of continuing education, outreach, and partnership to enhance and encourage ongoing interest and work in Minnesota River Basin improvement efforts.

A) Utilize the expertise of the Technical Committee to identify the educational needs of the basin and work with the technical committee to prioritize programming dollar expenditures. (11/09 - E)
B) Based on input from 5A, put out an RFP for workshop, continuing education, and/or conference opportunities. (11/09 - E)
C) Complete at least one major and one minor workshop in the basin based on selection criteria and needs identified from the technical/citizen advisory committee. (6/10 – E/P)
D) Bring back the Minnesota River Research Forum series in association with the Water Resources Center and other basin partners. (4/10 – E).

Given the delays in establishing the technical and citizen advisory team, Goals 5A and 5B have not been completed as described above. Instead, we informally spoke with a wide range of basin members and identified a variety of needs. This effort led to the water conservation focus at the MRB Annual Meeting and a Watershed Basin Professionals Assembly that was held on October 1to focus on issues such as the basin bill legislation and methods of measuring progress. A Request for Proposals was released in March for programming grants and we received over $42,000 in requests for the available $9,000. Several projects were funding, including:

- *Chippewa SWCD/Chippewa SWCD Conservation Field Days/$1,700*
- *GBERBA/Testing CMM in the Greater Blue Earth River Basin/$3,000*
- *Coalition for a Clean MN River/Working Together for the MN River/$3,000*
- *CURE/Annual River and History Weekend & River Signage/$1,300*

The two conferences listed above, the educational tours/programs held at the Blue Earth and Morris meetings, and the Conservation Marketplace of Minnesota National Advisory Committee meeting fully account for successful completion of Goal 2C, which continues to be one of the MRB's greatest strengths. Planning is underway for the Minnesota River Research Forum (Goal 5D), with a target date of January 2011.

GOAL 6. Serve as an ongoing legislative and funding resource for the basin.

A) Work with the advisory group and delegates to identify legislative issues that the MRB could provide support and advocacy for during the 2010 session. (11/09 - E)
B) Provide services as requested to support the various watershed and water quality interests in the Minnesota River basin, allowing the voice of 38 counties to be heard on issues in local areas, St. Paul, across the region, and beyond. (6/10 – E/P)
C) Provide assistance to agencies, counties, watersheds, etc.... in the dissemination of information regarding policy changes, funding opportunities, and staffing/project service options. (6/10 – E/P)
D) Provide grant preparation assistance as requested, with a target of at least 2 collaborations that benefit multiple major watersheds and/or local partners. (6/10 – E)
E) Provide a minimum of 2 presentations on behalf of the MRB and our partners as requested. (6/10 – E/P)

To satisfy Goal 6A, the MRB staff made numerous announcements at watershed meetings, at MRB meetings, and at the Watershed Basin Professionals Assembly indicating that the MRB is available to serve as a voice for the basin. But very few partners have accepted that offer and therefore the MRB completed very little legislative work this past session. The MRB continues to provide input to the basin bill language and process and Director Fisher has been asked to provide comment on legislation that will govern water use from the Mount Simon Aquifer. Due to limited participation in Goal 6A, Goal 6B was also limited. The MRB has served as a venue for agencies to present policy changes, to announce monitoring program alterations, and to advertise funding cuts/opportunities. The MRB and the Water Resource Center have been collectively invited by the US Army Corps of Engineers to serve on the Minnesota River Integrated Watershed Study team. The MRB/WRC has also hosted a wetland specialist training program by the University of Minnesota and served on the planning team for the Minnesota Clean Water Framework (Goal 6C). Goal 6D was completed this year with three collaboration grants being prepared and submitted – LCCMR ($600,000+) and CIG ($800,000+) submitted by the MRB and the Mississippi River Basin Initiative ($300,000+) submitted by the Redwood SWCD. The MRB staff have presented at more than 15 events this past year, including professional conferences, annual watershed meetings, and environmental fairs. Therefore, Goal 6E has readily been completed.

GOAL 7. Complete a substantive outreach effort to deliver the Minnesota River Progress Report results (developed as part of the FY09 BWSR grant) to basin communities, water quality improvement stakeholders, legislators, and agencies.

A) Deliver the report for review by legislators, agency staff, conservation professionals, MRB delegates, the basin technical team, and others and establish a series of meetings to discuss the product and mechanisms for improvement (10/09 – E/C)
B) Formally deliver and present the Biennial Progress Report developed during FY08 and FY09 to the MRB delegates and partners at the November Board Meeting (11/09 – E/C)
C) In conjunction with other progress reports, trend assessments, and basin planning efforts, advance a series of town hall meetings across the basin to deliver a message of basin water quality progress, continued challenges, and community involvement. (6/10 – E/C)

The Minnesota River Progress Report will be completed and ready for distribution by June 2010. The report is a thorough collection of the restoration and protection work that is ongoing in the Minnesota River Basin. The report highlights the impacts those efforts have had on our basin environment, culture, and economics. The report overviews projects throughout the basin by major watershed. The document addresses ongoing concerns, recommendations for future work, and a basin timeline. The staff at the Water Resources Center have provided significant assistance to the development of this document. Due to the expansive scope and level of detail in the report, it is still in the final draft phases and portions of Goal 7A, 7B, and 7C are not yet complete. These goals will be carried forward to FY11.

GOAL 8. Based on Goal 7 feedback, develop a framework on which to build the next iteration of the Minnesota River Progress Report that will be completed in FY11.

A) Gather input as part of the Goal 7 information meetings and determine if appropriate measures were utilized for the progress report, giving consideration to new measures that should be included for future reports, deletion of measures with limited or difficult to understand data, and determining which measures provide the most valuable information (5/10 – E/C)
B) Develop a plan on which to base the FY11 biennial progress report. (6/10 – C)

Goal 8 has been moved to FY11, at which time Goal 7 items will be complete.

GOAL 9. Become an involved member in the ongoing discussion of Basin Watershed Organization legislation, including an evaluation of the MRB membership structure.

A) Join, as opportunities arise, in forums, committees, legislative hearings, and work groups to continue providing input into basin and watershed management legislation and policy modification proposals. (1/10 - E)
B) As part of 9A, complete a work session on watershed based management options with the executive committee and other interested parties, including legislative sponsors, watershed representatives, and others to provide input into future proposals. (11/09 - E)
C) Utilize the information gathered in 9A and 9B to determine the MRB position on such matters and then provide support or opposition as requested by the delegates (1/10 - E)

D) Evaluate the current MRB structure to determine if any changes at this time would be appropriate. (1/10 - E)

Basin management legislation continued in the past year, but at a much lower profile due to larger budget issues before the legislature. There were limited opportunities for involvement, but Director Fisher completed Goals 9A, 9B, and 9C as best possible. At the Basin Professionals Assembly, basin bill information was shared, stakeholders thoughts were collected, and "next steps" were suggested. The results of these roundtable discussions were provided to the legislative authors of the bills. As part of this process, Executive Committee work sessions continue to evaluate the MRB structure. In addition, structural questions have been raised with the planning team on the technical and citizen advisory team Their feedback to the MRB delegates suggests that both the basin bill language and the partnership vision should incorporate a more inclusive and diverse board delegate membership.

GOAL 10. Recognize the contributions of professionals, citizens, and students in the Minnesota River Basin.

A) Provide an awards/incentive program for junior and senior high students from the basin participating in sanctioned science fair programs. (5/10 - P)
B) Provide an undergraduate scholarship and an undergraduate research award for two students studying in the basin that are focused on water quality issues. (5/10 - P)
C) Award two deserving participants from the basin with the "Confluence" and "Tributary" awards. (6/10 - E)
D) Institute a delegate, watershed, and project spotlight section in future watershed communications associated with Goals 4 and 5 above. (6/10 – P/C)

Goal 10 sections A, B, and C have all been successfully delivered. A total of seven awards were presented to Science Fair participants at the high school, middle school, and elementary levels for projects that assessed watershed, water quality, or other biotic research. The recipients of the FY09 MRB Undergraduate Research Awards presented their findings to the MRB delegates at the March 2010 meeting. In FY10, one Undergraduate Research Grant and three MRB Scholarships were awarded to deserving students in the basin. The annual MRB professional awards were presented at the July 2009 annual meeting. Mary Homan (Confluence Award) was recognized for her work in the Lac qui Parle and Yellow Bank Clean Water Partnership. Jim Doering (Tributary Award) was recognized for his innovative work with the Redwood Cottonwood River Control Area, and as both a citizen and now an employee of the City of Redwood Falls. Goal 10D was not instituted, pending completion of Goals 4 and 5.

GOAL 11. Evaluate the potential of bringing the Blue Thumb program into areas across the Minnesota River basin by working with the Rice Creek Watershed and delivering information to our partners.

A) Establish contact with and meet with the Rice Creek Watershed District staff to learn more about the Blue Thumb Program. (10/09 - P)
B) Identify appropriate venues and develop information materials for the dissemination of information regarding the Blue Thumb program among Minnesota River Basin stakeholders. (12/09 - P)
C) Work with at least one basin entity to establish partnership in the Blue Thumb program and/or determine how the Blue Thumb program could be applied in our basin (4/10 - P)

Program Director Carlin met with Rice Creek Watershed District staff and identified possible opportunities for collaboration (Goal 11A). During Blue Thumb's open enrollment period (December 2009), the MRB became a Blue Thumb partner. MRB staff continue to explore Blue Thumb's potential for providing innovative outreach and educational materials to homeowners throughout the basin (Goal 11B). An MRB intern will assist with Blue Thumb tasks during Summer 2010. Blue Thumb material will be shared with technical partners—SWCDs, county staff, watershed projects, and watershed districts—while encouraging them to join during the next open enrollment period in December 2010 (Goal 11C).

GOAL 12. Status evaluations of priority issues to county delegates and basin citizens.

A) Prepare and implement a plan to survey counties in the basin regarding the status of re-determination of benefits on county ditch systems. (11/09 – E/C)
B) Present the findings of Measure 12A to the MRB and then determine a course of action and implement such action. (6/10 - E)
C) Prepare and implement a plan to survey Minnesota River basin citizens and stakeholders regarding groundwater concerns, monitoring status, and research needs – including a summary of known contaminants, research, and management strategies for aquifers under the MRB territory. (6/10 - E/P/C).

Progress on Goal 12A is underway. An interview script and plan to survey all basin counties has been developed and interns will collect data in May/June 2010. These results will present the results to the MRB (Goal 12B). Goal 12C has also been initiated and a draft report has been completed. The document needs more detail and thus MRB interns will visit aquifer and groundwater experts this summer.

SECTION 2 – FY11 GOALS AND PROGRESS MEASURES

(GOALS ARE <u>NOT</u> IN PRIORITY ORDER) *For each goal statement listed below, a set of progress measures and/or tasks are also noted. For each task, the lead staff member responsible for making sure the task/progress measure is completed is noted as an acronym. The acronyms are as follows: Executive Director (E), Program Director (P), Office/Grants Manager (O), Ecosystem Services Specialist (S), and Contractual Services (C) to be hired out. Where more than one is listed, the first one is the responsible party with the others listed providing significant assistance. This does NOT imply that the only tasks each staff member will be working on are those listed – other duties can and will be assigned.*

GOAL 1. Effectively manage the Conservation Marketplace of Minnesota (CMM) Initiative.

A) Provide administrative support services (accounting, contracting, invoicing, match tracking, and financial reporting) for the CMM project team, including management of the grants administration team. (O)
B) Coordinate and facilitate the National CMM Advisory Team, including setting up meetings, assisting with travel, establishing and clarifying duties, and working with partners to establish and distribute agendas. (P)
C) Coordinate and facilitate the Policy Committee for the Minnesota River Basin, including setting up meetings, assisting with travel, establishing and clarifying duties, securing policy that works for all areas of the Minnesota River Basin, and working with partners to establish and distribute agendas. (E,O)
D) Coordinate and facilitate the Technical Committee(s) for project areas within the Minnesota River Basin, including setting up meetings, assisting with travel, clarifying duties, and working with partners to establish and distribute agendas. (S,P)
E) Secure additional funding to continue serving as a CMM project advocate and liaison among the MRB, existing partners, and other interested entities from within and outside the MN River Basin. Assisting with project tasks, including grant submission, as requested from project partners. (E,O,P,S,C)

GOAL 2. Efficiently complete MRB administrative duties on schedule and be accountable for expenditures of public funds.

A) Prepare, obtain MRB and BWSR approval for, and implement FY11 Work Plan and budget. (E,O,P,S,C)
B) Provide a progress report to BWSR as noted in the grant agreements. (E)
C) Complete Executive Committee planning sessions in 10/10 and 4/11. (E)
D) Complete an annual internal audit. (O)
E) Conduct performance reviews as scheduled for the staff (E).
F) Hold 6 full board meetings (bi-monthly), one of which will serve as the annual meeting, and two of which will be in partnership with basin organizations. (E,P,O)
G) Write at least two grant and/or contract applications to bring external funds into the MRB to support our financial foundation and bring needed projects to the basin and provide significant cash and in-kind contributions to the projects. (E,P,O,S,C)
H) Visit each county board during the next fiscal year to deliver project updates, discuss report findings, and review future efforts. (E)
I) Develop a set of committees to better deliver MRB programs and gather MRB input and work with delegates to determine committee assignments.

GOAL 3. Formalize the structure, roles, and procedures for the technical and citizen advisory committee and fully implement and engage these partners.

A) Facilitate ongoing development meetings of the technical and citizen advisory group(s), provide funding as available to complete work sessions, and develop a name for the group under which they will operate. (E)
B) Work with the advisory team members and MRB delegates to develop and identify a structure in which the advisory team will operate, roles that this team can assist with, roles that the MRB can fulfill to assist our technical and citizen stakeholders, and procedures to improve communication about basin initiatives, policy development, and funding. (E)
C) Utilize the expertise of the technical and citizen advisory team to review grant applications as appropriate, develop an agenda for and deliver the fall professionals assembly, review MRB structure and make recommendations to the delegates, and identify policy and in-service focal points on which the MRB can deliver assistance. (E)

GOAL 4. Work with the Water Resources Center at Minnesota State Mankato, the MPCA Watershed Network, and the Minnesota River Watershed Alliance to develop an ongoing outreach effort as a participant in regular communications.

A) Collaborate with the communication entities listed above to implement a monthly MRB segment in one or more existing watershed communication programs, including features regarding delegates, county staff, watershed professionals, projects, policy issues, etc... (C,P,E)
B) Contract with communications staff at the Water Resources Center for assistance on completing this task. (E)
C) Become a regular participant in the Minnesota River Watershed Alliance and MPCA watershed network and provide materials to support improved visibility for the MRB (P)

GOAL 5. Promote and complete a program of continuing education, outreach, and partnership to enhance and encourage ongoing interest and work in Minnesota River Basin improvement efforts.

A) Utilize the expertise of the Technical Committee to identify the educational needs of the basin and work with the technical committee to prioritize programming dollar expenditures. (E,P)
B) Complete an RFP to provide local programming assistance to support workshops, continuing education, and/or other educational opportunities, using the technical and citizen advisory team as the application review team. (E)
C) Complete at least one major and one minor workshop/outreach event in the basin to support the needs of basin citizens, professionals, and/or elected officials. (E,P,S)

GOAL 6. Serve as an ongoing legislative, funding, and research resource for the basin.

A) Work with the advisory group and delegates to identify legislative issues that the MRB could provide support and advocacy on behalf of. (E)
B) Provide services as requested to support the various watershed and water quality interests in the Minnesota River basin, allowing the voice of 38 counties to be heard on issues in local areas, St. Paul, across the region, and beyond. (E,P)
C) Provide assistance to agencies, counties, watersheds, etc.... in the dissemination of information regarding policy changes, funding opportunities, and staffing/project service options as requested. (E,P)
D) Provide grant preparation assistance as requested, with a target of at least 2 collaborations that benefit multiple major watersheds and/or local partners. (E,P)
E) Provide a minimum of 2 presentations on behalf of the MRB and our partners as requested. (E,P,O,S,C)
F) Continue involvement in and track the progress of basin management legislation. (E)

GOAL 7. Complete a substantive outreach effort to deliver the Minnesota River Progress Report results (developed as part of the FY09 and FY10 BWSR grant) to basin communities, water quality improvement stakeholders, legislators, and agencies.

A) Deliver the report for review by legislators, agency staff, conservation professionals, MRB delegates, the basin technical team, and others and establish a series of meetings to discuss the product and mechanisms for improvement (E,P)
B) Formally deliver and present the Biennial Progress Report to the MRB delegates and partners (E,C)
C) In conjunction with other progress reports, trend assessments, and basin planning efforts, engage our watershed partners in EACH major watershed from across the basin to deliver a message of basin water quality progress, continued challenges, and community involvement – using these opportunities to determine what the focus of the next biennial report will be – due to come out June 2012. (E,P,C)

GOAL 8. Recognize the contributions of professionals, citizens, and students in the Minnesota River Basin.

A) Provide an awards/incentive program for junior and senior high students from the basin participating in sanctioned science fair programs. (P)

B) Provide an undergraduate scholarship and an undergraduate research award for two students studying in the basin that are focused on water quality issues. (E,P)
C) Award two deserving participants from the basin with the "Confluence" and "Tributary" awards. (E,O,P)
D) Institute a delegate, watershed, and project spotlight section in future watershed communications associated with Goal 4 above. (E,P,C,O,S)

GOAL 9. Establish the Blue Thumb program into areas within the Minnesota River basin by working with the Rice Creek Watershed District and various partners to deliver information and demonstrate how this program could work here.

A) Work with MN River Basin partners to determine some potentially interested parties and work to have these groups enroll in the Blue Thumb Program during the application period. (P)
B) Identify appropriate venues and develop information materials for the dissemination of information regarding the Blue Thumb program among Minnesota River Basin stakeholders. (P)
C) Work with at least one basin entity to demonstrate a Blue Thumb related program or project. (P)

GOAL 10. Status evaluations of priority issues to county delegates and basin citizens and continued evaluation of progress in the basin.

A) Deliver the results of the FY10 survey on status of ditch redeterminations in the basin counties to the MRB and develop a plan to disseminate the information. (E)
B) Continue to refine and develop a report on aquifer state of knowledge in the Minnesota River Basin. The foundation will be based on a preliminary report prepared by a MSU, Mankato student on behalf of the MRB. Information will include monitoring status, research needs, known information about contaminants, management strategies, and policy under the MRB territory. (E,P).
C) Complete an assessment of jurisdictional overlap, including a GIS layer that shows all jurisdictional areas, regarding water, watershed, and other water-related issues. Work with our basin partners to secure such information to identify discussion points. (E,C)
D) Develop a presentation on the process of monitoring and status of Biota in the Basin – including use as a progress measure and improvements that have been seen. (E,P)
E) Work with collaborators to secure funds and provide assistance for a Lake Pepin stakeholder exchange that brings Lake Pepin citizens and leaders to our area and brings ours there to build bridges and better identify the mutual problems that exist. (P,E)
F) As part of the outreach efforts listed above, bring in a hypoxia speaker to bring the MRB delegates the most up to date information that is available. (E,P)

Proposed MRB FY11 Budget

Line Items (details listed below budget)	Funding Source Used for Line Item Expense				Totals
	State of MN	County Income	2008 CIG	External	
FY11 Income (estimated as of 5/17/20)					
Reserve Funds Carried Forward		$12,088		$2,292	$14,380
State of Minnesota - BWSR Grant	$84,000				$84,000
County Dues Collection - FY11		$41,585			$41,585
MCIT Insurance Refund (estimated)		$1,255			$1,255
CIG Indirect Cost Recovery (estimated)		$29,630			$29,630
2008 CIG - Conservation Marketplace			$370,368		$370,368
Mt Simon Monitoring (estimated)				$8,877	$8,877
Totals	**$84,000**	**$84,558**	**$370,368**	**$11,169**	**$550,095**
FY11 Estimated Expenses					
0.50 FTE Executive Director		$30,427	$7,779	$4,000	$42,206
0.49/0.70 FTE Office/Grants Manager		$2,527	$15,930	$1,500	$19,957
0.94 FTE Program Director	$41,841				$41,841
1.0 FTE Ecosystem Services Specialist			$38,938		$38,938
Student Worker(s)	$2,000	$2,000			$4,000
Fringe Benefits (All Staff)	$11,357	$11,722	$20,806	$1,720	$45,605
MCIT Insurance		$2,935			$2,935
MRB Meeting Expenses		$1,200			$1,200
MRB Communications/Reporting	$11,088	$2,945			$14,033
Travel	$6,500	$6,500			$13,000
Printing	$1,650	$1,650			$3,300
Awards/Student Incentives Program	$1,000			$575	$1,575
Supplies/Equipment		$500	$2,920		$3,420
Misc CIG/CMM Expenses			$10,000		$10,000
Legal Retainer		$1,200	$1,200		$2,400
Technical Advisory Committee Expenses	$1,000	$1,000			$2,000
MSU Contract Indirect Costs (8%)	$5,737	$10,952		$578	$17,267
Outreach/Programming	$1,827	$9,000		$2,796	$13,623
CMM Partner Expenses			$272,795		$272,795
Reserve Funds	-	-	-	-	
Total Expenditures	**$84,000**	**$84,558**	**$370,368**	**$11,169**	**$550,095**

Income Details

- Reserve Funds held by the MN River Board from FY10.
- State of MN: the MN legislature has currently approved a grant of $84,000 to aid in the administration, outreach, and reporting progress in the MN River Basin.
- County Income: Dues collected from member counties in 2010 for use during the FY11 fiscal year. Dues were held stable for FY11.
- MCIT Insurance Refund: The estimated value of our dividend check from MCIT Insurance.
- CIG Indirect Cost Recovery – indirects of 8% collected on all funds paid out as part of the CIG.
- CIG (CMM) Contract Allowance: Income to cover expenditures associated with the Conservation Marketplace of Minnesota project – both internal and external expenditures.
- Mt. Simon Monitoring: Payment for services rendered to Mt Simon Permit Holders and the MN Department of Natural Resources to facilitate, mediate, and provide data management to an aquifer monitoring initiative.

Expenditure Details

- Executive Director: 50% of the Executive Director's annual salary, spread out based on where work will be completed.
- Administrative Assistant: Funds a 49% FTE Office Manager to facilitate the CMM, Mt. Simon, and day-to-day administration of funds, grants, and accounting and meeting logistic needs through August 31. Then converts to a 0.7 FTE on September 1 due to increasing demand on this position.
- Program Director: Being tied to State Funding, this position will be funded based on the appropriation from the state of Minnesota, with some supplemental funding used from the CIG/CMM and other sources, we will not propose a reduction in this position for FY11, but reduction will be likely in FY12 and will be tied directly to the BWSR grant (% based on the remaining grant amount from the original $100,000/year).
- Ecosystem Services Specialist – a 1.0 FTE position fully funded by the CIG and contracted in association with the Greater Blue Earth River Basin Alliance.
- Student Worker(s): Funding for a summer intern to assist with a variety of tasks.
- Fringe Benefits: Estimated Health Insurance, Required Leave, FICA, etc.... for all MRB staff and students listed above
- MCIT Insurance: Estimated Annual Insurance Payment
- MRB Meeting Expenses: Base expenses for 6 MRB business meetings and 2 executive committee planning sessions, including room rental and refreshments. Tours, speaker fees, per diem and other travel costs, etc... are budgeted for in Programming and Travel below.
- Communications/Reporting: Postage ($1,000), cellular phone charges ($600), MRB Office phones (2 lines, $1,345), web site, press release, and project reporting assistance from WRC staff) ($11,088).
- Travel: Designated Vehicle for MRB ($7,560), Staff Lodging and Travel to Conferences, including registration fees, ($750); executive committee per diem ($3,000), Misc. Staff, Delegate, and Guest Expenses, such as personal mileage ($1,690)
- Printing: Preparation of various reports, newsletters, stationary needs, in-house copy needs via printer lease at MSU ($3,300)
- Awards Program: "Tributary" and "Confluence" Awards ($225 - $100 each plus $25 for supplies), MRB Scholarships (two at $250), Science Fair Awards ($350, 4 Sr/Jr awards at $50, 4 Elementary awards at $25, plus $50 for supplies), Undergraduate Student Research Award (1 at $500)
- Supplies/Equipment: Various office supplies, software upgrades, chairs, etc... as needed, primarily in support of the CIG/CMM in conjunction with project partners and basin stakeholders.
- Misc CMM/SIG Expenses include such items as conference calls, meeting expenses, etc... that are specifically unique to the CMM project.
- Legal Retainer: $200/month retainer fee for Rinke Noonan, split between county and grant funds.
- Tech/Citizen Advisory Committee: Provide meeting facilities and refreshments for designated advisory committee meetings, potentially including travel allowances and per diem for formal representatives as funds allow. Some funds may also be used to offset costs of committee representatives to attend MRB meetings as formal liaisons.
- MSU Indirect Costs: Approximately $215,839 of this budget will need to be contracted with the Water Resources Center at MN State University, Mankato to cover 100% of staff salary and fringe plus large portions of Communications/Reporting, Travel, and Printing. An 8% indirects rate will apply based on our agreement with MSU, Mankato from 2008.
- Outreach/Programming: Funds for Workshops, trainings, and conferences on grants/funding opportunities, ongoing research, program updates, annual meeting events, etc..., including items like the MRB Annual Meeting and a Minnesota River Research Forum
- CMM Partner Expenses - Services as allowed in the CIG agreement for technical services to be contracted out as needed, including legal services (included under legal retainer below), web site development, model evaluation, and technical planning provided by various potential partners.
- Reserve Funds – although none are listed, it is our hope that once carry-forward funds are identified, we will be able to restore some dollars to this line item.

Minnesota Board of Water & Soil Resources

Board Resolution #_____

Minnesota River Board
Fiscal Year 2011 Work Plan and Grant

WHEREAS, the 2009 Minnesota Legislature appropriated administrative funding for the Minnesota River Board, formerly known as the Minnesota River Basin Joint Powers Board; the 2010 Minnesota Legislature reduced the MRB appropriation, resulting in a fiscal year 2011 State General Funds grant of $84,000;

WHEREAS, the Minnesota River Board developed a Plan of Work for fiscal year 2011, which they adopted on July 19, 2010;

WHEREAS, the Board of Water and Soil Resources staff have completed review of the Plan and recommend approval;

NOW THEREFORE BE IT RESOLVED, the Board of Water and Soil Resources enter into a grant agreement with the Minnesota River Board for these funds.

_____ _____

Randy Kramer, Chair
Minnesota Board of Water and Soil Resources

Date

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **Red River Basin - Long Term Flood Solutions: Project Update**

Meeting Date: August 26, 2010

Agenda Category: ☐ Committee Recommendation ☐ New Business ☐ Old Business
Item Type: ☐ Decision ☐ Discussion ☒ Information
Section/Region:
Contact: John Jaschke, Executive Director
Prepared by:
Reviewed by: John Jaschke, Executive Director Committee(s)
Presented by: Lance Yohe, Executive Director, RRBC

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☐ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested
☐ Other:

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

ACTION REQUESTED
Information Item

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
This project has completed its information gathering phase leading to the development of a comprehensive plan to address flooding in the basin --according to the charge of the 2009 Minnesota and North Dakota legislatures. Oversight is provided by the MN Board of Water and Soil Resources and the ND State Water Commission. Public flood forums concluded in January with 21 meetings in North Dakota, Minnesota and Manitoba withabout 1,000 residents participating. An on-line public survey, has received over 500 responses to date. Principles and Flood Protection Goals have been adopted to focus and guide the work toward the final set of recommendations. The months ahead will involve completing data analysis, evaluating alternatives and getting broad input on proposed recommendations.

Much more is at:
http://www.redriverbasincommission.org/Long_Term_Flood_Solutions/long_term_flood_solutions.html

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Flood Risk Management for Urban Centers

Meeting Date: August 26, 2010

Agenda Category: ☐ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☐ Decision ☐ Discussion ☒ Information

Section/Region:

Contact:

Prepared by: Pete Waller

Reviewed by: Committee(s)

Presented by: Brett Coleman, Project Manager, ACOE

☒ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☐ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other:

ACTION REQUESTED
None- Informational Item

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
The three largest urban centers in the United States on the Red River of the North consist of the 'sister cites' of Wahpeton, ND - Breckenridge, MN; Fargo, ND - Moorhead, MN; and Grand Forks, ND - East Grand Forks, MN. Flooding of the Red River has impacted all three centers.

Since the 1997 flood the US Army Corps of Engineers (ACOE) has completed two risk management projects for the cities of Wahpeton-Breckenridge; and Grand Forks-East Grand Forks. After the Flood of 2009 ACOE began developing a solution for Fargo-Moorhead.

Brett Coleman, Project Manager, ACOE, will review the constructed solutions for Wahpeton/Breckenridge and Grand Forks/East Grand Forks and the structural solution being proposed for Fargo/Moorhead associated with the locally preferred plan.

Minnesota
Board of Water and Soil Resources
2010 Summer Tour

Hosted by:

Buffalo-Red River Watershed District

Becker Soil & Water Conservation District

Wilkin County Minnesota

CLAY COUNTY SWCD

Wilkin Soil & Water Conservation District

August 25, 2010

Prepared by:

Houston Engineering, Inc.
1401 21st Avenue North
Fargo, ND 58102

BWSR Summer Tour
Wednesday, August 25, 2010
Tour Agenda

8:00 AM-Welcome, Overview of Tour Itinerary, Bruce E. Albright, BRRWD Administrator-Courtyard by Marriott, Moorhead

8:30 AM-Promptly Depart on Coach Bus from Courtyard by Marriott

- Clay County Ditch Nos. 30, 41, 47, and 50 Urban Improvements
- City of Moorhead/Buyouts/Urban Drainage/Stormwater Retention
- Wolverton Creek/Comstock Coulee CWL Project
- *Ken Hodnefield EWP Project

*9:30 AM-Fort Abercrombie/Morning Break

*10:00 AM-Lower OtterTail Clean Water Legacy Project, Wilkin County SWCD

- Living Snow Fence
- Manston Slough Restoration Project
- South Branch of the Buffalo River Restoration Project
- Lawndale Trout Stream Restoration-Presented by Luther Aadland, DNR
- Deerhorn Creek Flood Control Levees

12:00 Noon-Lunch, Galaxie Supper Club, Barnesville

12:45 PM-Presentation on Applications of LiDAR
Chuck Fritz, International Water Institute
Erik S. Jones, Engineer, Houston Engineering, Inc.

1:30 PM-Board Coach Bus

- Whisky Creek Tributaries Project
- *Hay Creek/Stinking Lake Sediment Retention Project, Brad Grant, Becker SWCD
- Boyer/LaBelle Lakes Highwater Outlet

*3:00 PM, Hamden Slough National Wildlife Refuge/Afternoon Break

*4:00 PM-Hawley Buffalo River Restoration Project/Dave Friedl, DNR

- Brantner Wetland Bank/Pilot Grazing Site-Kevin Kassenborg, Clay SWCD
- Oakport Flood Mitigation

*6:00 PM-Dinner, Rustic Oaks

8:00 PM-Board Coach Bus, Return to Courtyard by Marriott, Moorhead

8:15 PM-Arrive at Courtyard by Marriott

* Denotes Bus Stops

Office Staff

Office Administrator
Bruce Albright

Office Secretary
Julie Jerger

Consulting Engineers
Houston Engineering, Inc.
Erik Jones
2505 N University Drive
Fargo, ND 58105

Consulting Attorney
Vogel Law Firm
Tami L. Norgard
218 NP Avenue
Fargo, ND 58107-1389

Accountant
Harold J. Rotunda, CPA
P O Box 816
West Fargo, ND 58078

Board of Managers

Roger Ellefson — Chairman
2458 120th ST
Barnesville, MN 56514
218-493-4334
Wilkin County (9/01/13)

Gerald L. VanAmburg — Vice Chairman
4518 5th ST S
Moorhead, MN 56560
218-236-7659 (home)
218-299-3085 (work)
Clay County (8/31/11)

Curtis M. Nelson — Treasurer
22777 120th AVE S
Barnesville, MN 56514
218-937-5435
Clay County (8/31/11)

John E. Hanson — Secretary
19532 232nd ST
Audubon, MN 56511
218-439-6727
Becker County (8/31/12)

Breanna L. Paradeis Kobiela — Manager
1308 5th AVE S
Moorhead, MN 56560
218-330-3384
Clay County (8/31/12)

Buffalo-Red River Watershed District

BUFFALO-RED RIVER WATERSHED DISTRICT
-BRRWD-
123 Front Street South
P. O. Box 341
Barnesville, MN 56514
218-354-7710
Fax 218-354-2503
brrwd@bvillemn.net
Website: http://www.brrwd.org

Watershed Description

The Buffalo-Red River Watershed District was created in 1976 and covers an area of 1,379 square miles in Clay, Becker, Otter Tail and Wilkin Counties. The principal watercourse is the Buffalo River located in parts of Becker and Clay Counties.

A tributary to the Buffalo River is the South Branch of the Buffalo River located in parts of Clay, Wilkin, and Otter Tail Counties. Tributaries to the South Branch include Stony Creek, Hay Creek, Whiskey Creek, and Deerhorn Creek.

Wolverton Creek is a direct tributary to the Red River of the North, and lies west of the South Branch of the Buffalo River in parts of Wilkin and Clay Counties.

Meetings

Regular meetings of the Board are held on the 2nd and 4th Monday of each month. The annual meeting is held in January and the Budget hearing in September. Meetings start at 7:00 PM (8:00 PM during daylight savings time) and are held at the Watershed Office, 123 Front Street, Barnesville, MN. All Meetings are open to the public.

Permits

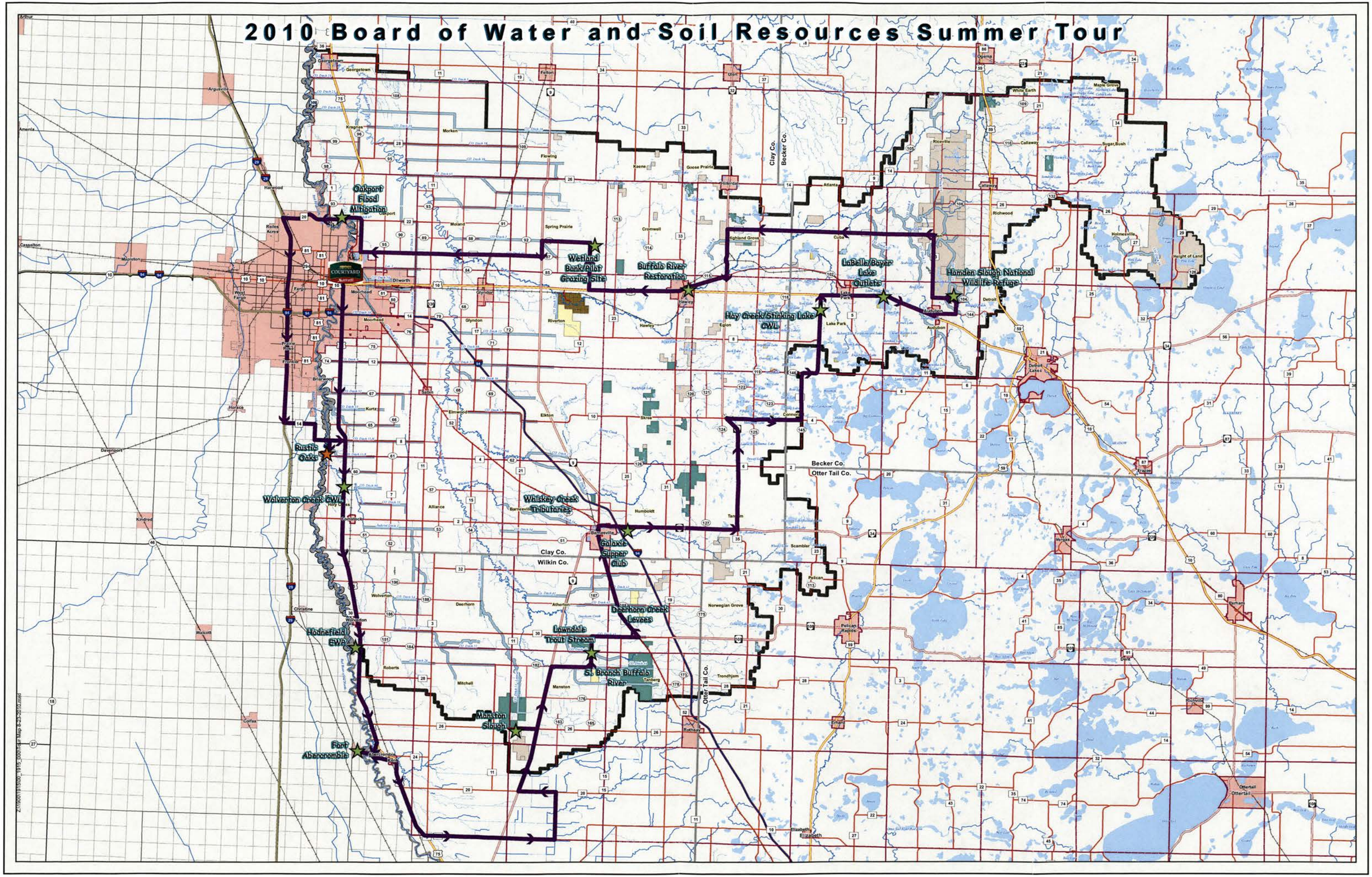
The permit system, adopted in 1979, is used to enforce the BRRWD's "Rules" and regulations. Permits are required for a wide variety of construction activities that affect the water resources of the district. Permit applications can be obtained from the Watershed Office at 123 Front Street, Barnesville, MN. Permit applications are acted on at the monthly meetings of the Managers.

District Rules

The "Rules" are the guiding force behind the BRRWD's permit system. All landowners, public entities, and governmental units that anticipate implementing projects, which affect the water resources of the BRRWD, are governed by the "Rules", and are required to apply for and receive a permit before beginning construction.

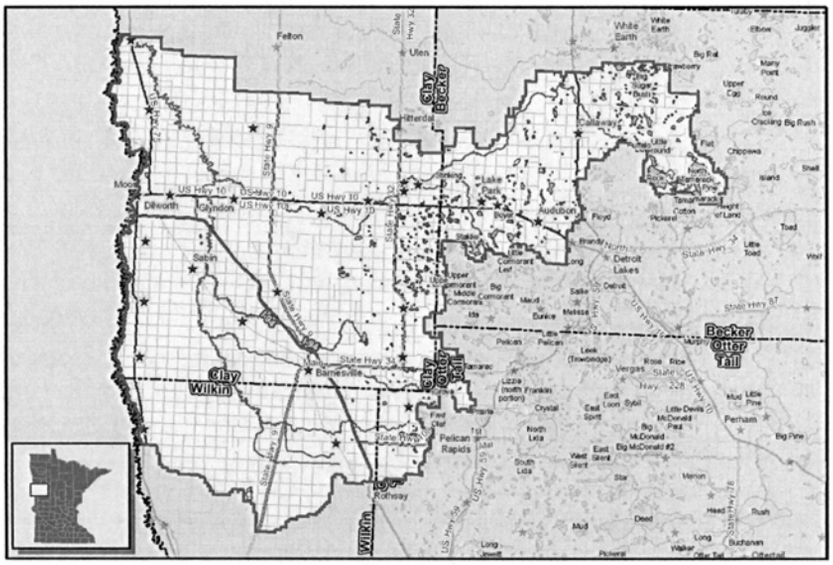
Objectives

* Reduce or alleviate damage caused by floodwaters
* Administer and maintain the drainage systems
* Develop programs and projects that will help to sustain an adequate supply of high quality surface and groundwater for public and private use
* Protect and/or improve the water quality of the surface and groundwater resources
* Cooperate and support viable projects that have the purpose of reducing erosion
* Actively pursue a program of erosion control and sedimentation management within all ditch systems.
* Promote the maintenance of biotic diversity
* Incorporate recreational opportunities into District projects whenever feasible
* Maximize the potential cooperative opportunities available with all governmental levels.
* Endeavor to keep all residents informed of its duties, authorities, activities, and projects.
* Endeavor to inform and educate residents about water and soil resource issues and the importance of protecting these crucial resources


2010 Board of Water and Soil Resources Summer Tour
Oakport Flood Mitigation
Wetland Bank/Pilot Grazing Site
Buffalo River Restoration
LaBelle/Boyer Lake Outlets
Hamden Slough National Wildlife Refuge
Hay Creek/Stinking Lake CWL
Rustic Oaks
Wolverton Creek CWL
Whiskey Creek Tributaries
Galaxie Supper Club
Deerhorn Creek Levees
Lowndale Trout Stream
S. Branch Buffalo River
Hodnefield EWP
Manston Slough
Fort Abercrombie
Clay Co.
Becker Co.
Otter Tail Co.
Wilkin Co.
COURTYARD

Buffalo Red River

Watershed District



Established
August 30, 1960
By Citizen Petition

123 Front ST S
PO Box 341
Barnesville, MN 56514
Phone: 218-354-7710
Fax: 218-354-2503

brrwd@bvillemn.net

Included counties:
Clay, Becker, Wilkin, OtterTail

Website: www.brrwd.org

Watershed Quick Facts

District Size: 1,379 Sq Miles Number of Staff: 2

Legal Drainage Systems: 65, totaling 373 miles

2008 Taxable Market Value: $3,996,236,562

Board of Managers

Name	Position	County	Address	Phone
Roger G. Ellefson	Chairman	Wilkin	2458 120th St, Barnesville, MN 56514	218-493-4334
Gerald L. VanAmburg	Vice Chairman	Clay	4518 5th ST S, Moorhead, MN 56560	218-236-7659
Curtis M. Nelson	Treasurer	Clay	22777 120th Ave S, Barnesville, MN 56514	218-937-5435
John E. Hanson	Secretary	Becker	19532 232nd St, Audubon, MN 56511	218-439-6727
Breanna L. Paradeis Kobiela	Manager	Clay	1308 5th AVE S, Moorhead, MN 56560	218-330-3384

Financial Information

2007 Expenditures

District Operation	$210,000
Monitoring	$10,000
Permitting / Regulation	$53,000
Projects / Construction	$1,865,796
Water Management Programs	$75,000
Total	$2,213,796

Projects

Comprehensive Plan – currently being revised, with a completion date of 4/30/10.

Flood Control Project in Oakport Township – a District-sponsored project north of the City of Moorhead will include a permanent earthen levee system that will protect around 350 homes along Oakport Coulee and the Red River. To date, the District is working on home buyouts within the proposed dike alignment and the engineer has a final dike design. Construction of the $24 million project began in 2009.

Manston Slough Restoration Project – includes a low-hazard classification dam, 1,320 acres of wetland restoration, a water level control structure to manage wetland elevations, and an upland watershed treatment to control erosion and improve water quality. The Governor's Clean Water Initiative Cabinet endorsed the project. Construction will begin in 2010.

Wolverton Creek/Comstock Coulee – a DNR-protected watercourse with a drainage area of 105 square miles has chronic flooding/erosion problems. In 2005, the District formed a special committee to continue work on this project. In the fall of 2006, the Clay/Wilkin SWCDs received a Clean Water Legacy Grant to gather data regarding channel elevations, structures, and outlet repair.

Buffalo River tmdl—the District is working with the MPCA on a "pilot" project to complete a watershed based tmdl. The work will be incorporated into the District's RWMP.

South Branch of the Buffalo River—the Mediation PT is studying this area to improve drainage, water quality, and provide flood control.

Important Recent Activities

"Watershed District of the Year" – Named by the Minnesota Department of Natural Resources (DNR) in 1991, 1997, and again in 2005.

2006 Moorhead Interstate-94 flood control project – designed to alleviate flooding in Sections 24/25, Moorhead Township, located south of the City. The project diverts water away from the City into Clay County Ditch No. 41.

Clay County Ditch No. 68 project – a 1.5 mile waterway improvement project for the City of Glyndon includes channel restoration, bufferstrips, and enlarging a number of structures. Completed in 2006.

Farmstead Ringdike program – In conjunction with DNR Waters FDR Grants, provides flood damage protection for approximately 25 properties. A 2008 project was completed for the Village of Kragnes.

"2002 Project of the Year" – Named by The Minnesota Association of Watershed Districts (MAWD), a project made by emergency declaration to lower Turtle Lake to the Ordinary High Water (OHW) elevation by means of a siphon system. The lake reached its OHW on 12/07/00. Subsequent wet conditions have made it necessary to continue summer siphon operation.

"2006 Project of the Year" – Named by MAWD, Whisky Creek Tributaries, located north and west of Barnesville, includes a flood water impoundment, channel restorations, set-back levees, bufferstrips, diking, and wetland restorations. Completed in 2005.

Riverton Township Retention Project – located on The Nature Conservancy property upstream of the City of Glyndon with a 6.3 square mile drainage area. It includes a low hazard classification dam, upland wetland restorations, and watershed treatment to control erosion and improve water quality. The project is currently under construction.

Grove Lake Outlet—highwater problems on Grove Lake were declared an "emergency" by the District in 2008. The 1,200 long 24" dia. outlet piping has been installed and the lake elevation is down.

The Barnesville High School River Watch Team, which is sponsored by the BRRWD, was recognized in 2008 with the Minnesota Rural Education Association's highest award.

Improvements to Clay County Ditches Nos. 50, 41 and 47

Location:
Clay Co., in
Northwestern Minnesota

Client:
Buffalo-Red River
Watershed District

Contact:
Roger Ellefson
(218) 354-7710

Clay County ditches - concrete channel liner

Background:

This project originally was a recommendation in the 1985 Urban Drainage Master Plan, completed by Houston Engineering, Inc., for the city of Moorhead. Due to a lack of funding, development was delayed until after the severe summer flooding in 1993, when significant federal grant money became available through the Economic Development Agency (EDA). The project was initiated under the jurisdiction of the Buffalo-Red River Watershed District.

The Project:

The project consists of improving the flow-carrying capacity of three major legal ditch systems by improving the grade line and installing an urban ditch concrete channel liner in the bottom of each channel where it passes through major residential areas. Improvements will increase the flow capacities of the ditches in the residential areas to accommodate the 100-year flood event. The concrete liners will reduce maintenance requirements by allowing excavation equipment into the ditch bottom for more efficient removal of weeds and sediment.

A variety of hydrologic and hydraulic techniques were incorporated in developing this project. Project area hydrology was developed for existing watershed conditions and future conditions, assuming continued urbanization for the next 20 years. Hydraulic models were then constructed of the existing and proposed channel systems. Hydraulic models were also developed for urban storm sewer systems. Existing capacities were evaluated with these models. Where deficiencies were found, improvements were analyzed and evaluated against economic, environmental and social criteria. Models used included HEC-1, HEC-2, ILLUDAS, and HY8.

Benefits:

- Flood protection for the cities of Dilworth and Moorhead, Minnesota, by improvement of the hydraulic capacity of channel/ditch systems with concrete liners and larger hydraulic structures.
- An adequate stormwater discharge outlet is provided for from critical areas in the two cities.
- Reduces maintenance requirements for legal drainage systems within city limits.
- Urban environment is enhanced by reducing insect breeding grounds through the elimination of standing water and weeds.

Wolverton Creek Restoration Project - Clean Water Legacy

Location:
Near Comstock and
Wolverton, Minnesota

Client:
Buffalo-Red River
Watershed District

Contact:
Roger Ellefson
Ph. (218) 354-7710

Rock Riffles installed in a Tributary to Wolverton Creek

Background:

The Wolverton Creek (also known as Comstock Coulee) is an intermittent stream within the Buffalo-Red River Watershed District. Wolverton Creek is a direct contributor to the Red River of the North. At the mouth of the stream, the Wolverton Creek watershed is approximately 103 square miles. Wolverton Creek is a significant contributor of sediment and turbidity on the Red River during larger runoff events. The City of Moorhead utilizes the Red River as a raw drinking water source. Increased sediment and turbidity in the raw water results in higher water treatment costs for the City of Moorhead.

The Clay SWCD and the BRRWD in conjunction with the Wilkin County Environmental Office and SWCD has held numerous well attended landowner meetings over the last few years. There is significant landowner interest to improve the condition of the Wolverton Creek and its watershed.

The Project:

The BRRWD, Wilkin SWCD and Environmental Office, and the Clay SWCD partnered to complete work on this project. The Clay SWCD was the fiscal agent. The BRRWD completed design of riffles, side inlets, and stream barbs. In addition the BRRWD completed a baseline survey of Wolverton Creek inventoring the channel geometry as well as structures along the Wolverton Creek.. The SWCDs will promoted buffer establishment and side inlet structures. The Wilkin County Environmental Office completed a review of Septic Systems in the Wolverton Creekwatershed. The Clay SWCD has coordinated with both the BRRWD and the Wilkin SWCD and Environmental Office on construction completed on the outlet of Wolverton Creek.

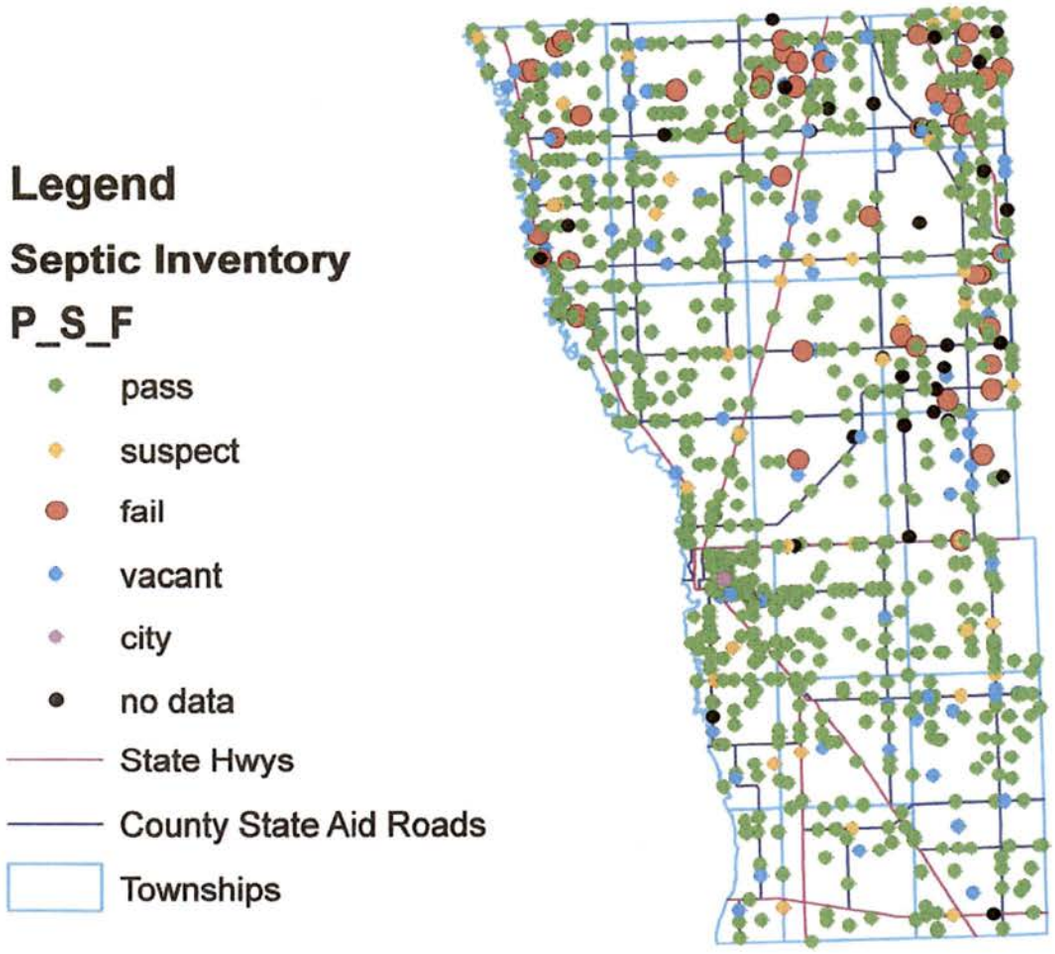
Due to limited funds, construction work was concentrated on the outlet of Wolverton Creek downstream from Trunk Highway 75. To date, the partners have identified a need for 14 rock riffle structures, 4 side inlets, and 9 stream barbs. In total, 13 riffle grade control structures and 4 side-inlet structures have been installed. These structures have been effective in handling/managing spring flooding in 2009 and large runoff events in 2008-09. The structures yet to be constructed have been contracted for some time and are waiting for favorable low water conditions to be installed. In addition, the Clay SWCD was successful in obtaining contracts for additional permanent cover along the channel. All CWL grant funds are currently encumbered. The total annual sediment reduction from all partner efforts in this area is over 2000 tons/year.

Benefits:

- Reduced channel downcutting
- Reduced sediment loading on Wolverton Creek and the Red River
- Baseline information obtained for future restoration work along the Wolverton Creek Channel

WILKIN COUNTY SEPTIC INVENTORY

In 2005, Wilkin County began inventorying all septic systems in the county and identifying septic systems that were imminent public health threats. From 2005-2007 Wilkin County had conducted inventory work in 10 townships. In 2008 Wilkin County secured a Clean Water Legacy Grant to complete the inventory work in the balance of the county (12 townships and 2 unsewered communities) as well as SSTS Homeowner Cost Share Grant for 10 low income homeowners who had an imminent public health threat SSTS. Inventory field work was completed in 2009. 956 SSTS were inventoried and inspected for imminent public health threat characteristics. 130 of the 956 SSTS were identified as public health threats. As of July 30, 2010, only 42 homeowners are left to install a new SSTS. We estimate about 20 of the 42 will not get there new SSTS installed in 2010 but will need to construct a new SSTS before November 2011.



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Project Title: Otter Tail River—Turbidity CWL Grant #7R6

Wilkin SWCD

Water of Concern
Lower Otter Tail River

Impairment
Turbidity

CWL Funding by Category	
Technical Assistance Funds	
BMP promotions	$40,000.00
BMP technical assistance	$12,916.20
Total TA Funds	$52,916.20
Implementation Funds	
BMP Incentives and Cost Share	$405,083.80
Education	$5,000.00
Leveraged Dollars	$566,250.00
Total Imp. Funding	$976,333.80
Total CWL Funding	**$1,029,250.00**

PROJECT CONTACT
Don Bajumpaa
218-643-2933

BWSR Contact
Jeff Hrubes
218-833-8068

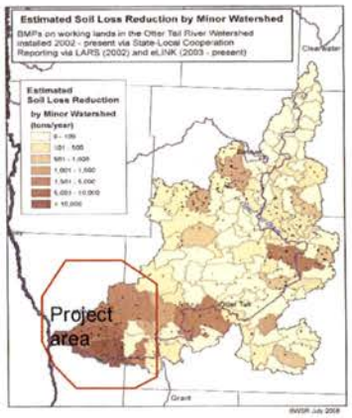
Project Number:
#7R6

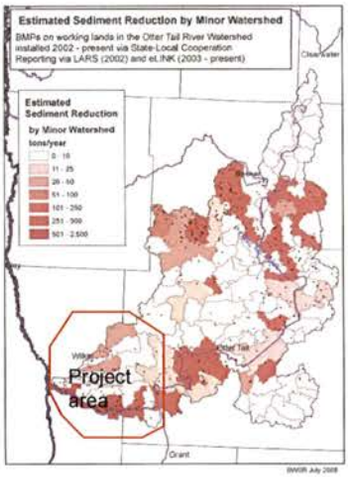
Overall Project Description

This project follows the objectives set forth in the Lower Otter Tail River TMDL work plan. The TMDL implementation plan calls for a target sediment reduction goal of 6,800 tons per year. Funds from this grant were used to reduce sedimentation through education, cultural and structural best management practices. The initiatives in the grant addressed sediment from four targeted sources. These sources included wind erosion, water erosion, stream bank erosion and in-stream erosion.

LOTR TMDL Contributing Watersheds

Annual erosion reduction estimates were completed for each BMP installed in the project area. WEQ was used to estimate wind erosion and RUSLE was used to estimate water erosion. Gully and streambank erosion reductions were calculated by cubic foot volume. At the close of this grant we estimated annual erosion reductions to be 69,139 tons. The map (right) was created by BWSR in 2008 and shows estimated soil loss reductions by minor watershed for the entire watershed. Note significant soil loss reductions in our project area.





The map (left) was created by BWSR in 2008 and shows estimated sediment reduction by minor watershed for the entire watershed. At the close of this grant we estimate the annual sediment reductions to be 1,668 tons/year. This is 25 percent of the TMDL implementation plan goal. Sediment load reduction estimates were calculated by estimating how much erosion, by source, was kept from the river. For every ton of soil kept on the land we estimated the sediment reduction to the river as follows: wind erosion 0.3%; sheet/rill erosion 10%; gully erosion 25%; and streambank erosion 100%.

Prepared by Board of Water and Soil Resources
Fiscal Year 2007-2009 Clean Water Legacy Project

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Conservation Practices Implemented

Conservation Practice(s) Installed	Quantity	Annual Estimated Soil Loss Reductions in tons	Annual Estimated Sediment Reduction in tons	Total Cost
(BMP promotions)				$40,000.00
No-till	40 acres	400	5	
Minimum Tillage	2060 acres	16480	209	
Cover Crops	7217 acres	43302	550	
Windbreaks	12.4 miles	6,000	76	
Buffer Strips	76 acres	760	9	
(BMP Cost-Share & Incentives)				$405,083.80
Sediment control structures	20 miles	1237	309	
Side-inlet structures	100 structures	600	150	
Streambank stabilization	775 ft	360	360	
TOTALS		69139	1668	$445,083.80

Conservation Planning Activities

Name of Plan(s) Written	Number of Landowners Contacted	Number of Plans Written	Total Cost	Types of Practices Identified	Number of Practices Identified	Number of Practices Implemented
BMP	242	58				

Contributing Partners: (List or copy from restoration implementation plan)

Partner	Description	Project Contribution	Leveraged Funds
USDA	Cost-Share/Incentive Payments	BMP installation	$535,600.00
Wilkin County Hwy/ Engineer	Engineering/Design Assistance	BMP installation/ oversight	$20,150.00
Wilkin County Environmental	Project Promotion/ Education	Project Support	$10,500.00

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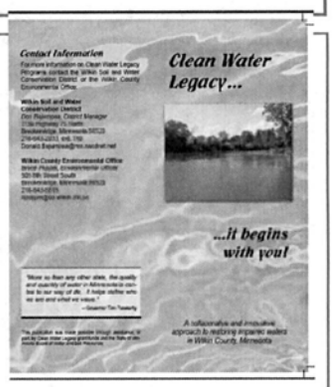
Project Informational/Educational Activities

Type of Activity	Newsletters, Brochures, Posters, Etc.	Work with Kid Groups	Tours, Demos, Etc.	Presentations Given	Presentations by guest speakers	Other
CWL Education	4,000.00		4	5		

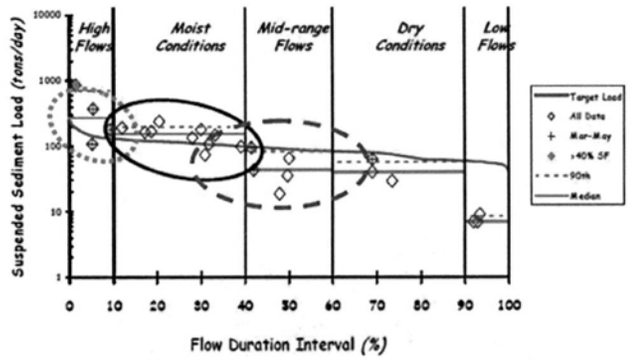
An educational brochure (see inset) was designed to market this Clean Water Legacy Grant and the Lower Otter Tail River TMDL Project. Best Management Practice (BMP) proposals and letters were mailed to 242 landowners/ operators over the grant period. A total of five landowner informational meetings were held to discuss grant program BMPs and projects. Approximately 150 people attended these meetings. Informational brochures were available at the Wilkin County Fair and other educational events. There were several newspaper articles and radio programs completed to promote the project. In addition, over 4,000 newsletters were mailed. In total, $5,000 of the grant was spent on project information and educational activities.



Understanding Sediment Loads in the Lower Otter Tail River

The TMDL plan goal is to reduce annual sediment load in the river during high, moist, and mid-range flows. The table to the right shows suspended sediment loads in tons/day at various flow conditions. The turbidity impairment directly correlates with the increased flows in the critical spring flow event (snow pack melt) and the more severe large storm events.

Otter Tail River at 11th Street in Breckenridge
Load Duration Curve *(2001 - 2003 Monitoring Data)*



MPCA/USGS Data & USGS Gage Duration Interval *1,991 square miles*

The USGS work estimates that a 17 percent annual reduction in sediment load is needed for the LOTR to meet the 25 NTU water quality standard for turbidity. The USGS work also found that sediment must be reduced 76 percent at the highest 10 percent of flows and 28 percent at flows from 10 to 40 percent of the highest in order to meet state water quality standards. Ultimately, this amounts to a goal of keeping at least 6,800 tons/year of sediment on the landscape that previously was being delivered into the river. These numbers are used merely for illustrative purposes to suggest potential annual reductions for the project area. The actual load reductions for the LOTR TMDL study were based on average daily load reduction.

Estimating Sediment Reduction

Not every ton of soil erosion reduced by BMP installations is equivalent to a ton of sediment reduction in the Otter Tail River. MPCA estimates annual sediment load reductions by erosion type. These reductions are as follows: Sheet and Rill Erosion 10%; Wind Erosion 0.3%; Ditch and Gully Erosion 25%; and Streambank Erosion at 100%. Based on estimated BMP soil loss estimates (see page 2) we estimate sediment load reduction in the Otter Tail River to be 1668 tons per year. The actual percent sediment reduction will be realized through water quality monitoring. This monitoring will ultimately help us to determine our progress towards reaching the sediment reduction goals.

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Sediment Sources

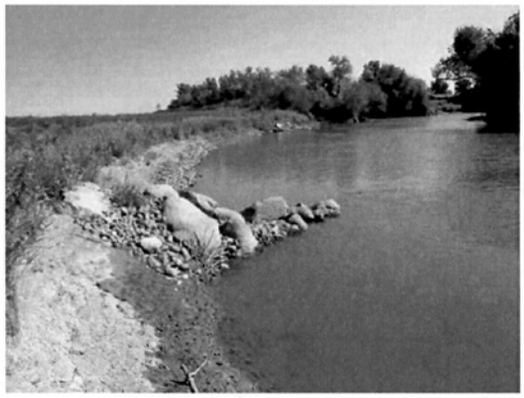
Water/Gully Erosion

Streambank Erosion

Wind Erosion

CWL—Best Management Practices

Side Inlet and Sediment Control Structure

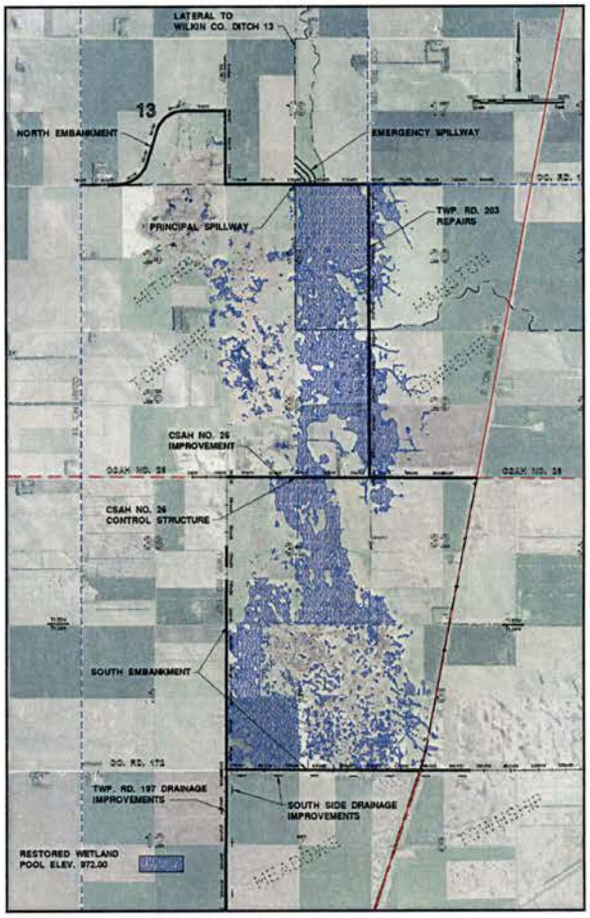


Streambank Stabilization—Stream Barbs

Cover Crops

Manston Slough Restoration Project

Proposers
Buffalo-Red River Watershed District



Description/Location:
The Manston Slough Restoration is a cooperative undertaking between the BRRWD, the Minnesota DNR, the MN BWSR, the NRCS, and the US Fish and Wildlife Service. A Memorandum of Understanding (MOU) and Operation & Maintenance Plan have been developed in conjunction with these organizations. All of the agencies have signed these agreements and fully support the project. The project area is a portion of the South Branch of Buffalo River watershed and has a drainage area of 27.5 square miles. The project covers approximately 6 sq. miles of land. The majority of this land is currently owned by the State as a Wildlife Management Area or by the USFWS as a Waterfowl Production Area. Project consists of installing an outlet structure and improving a number of roadways with additional clay embankment. The site will provide a total of 5,440 acre-feet of un-gated runoff storage below the emergency spillway elevation. An 1,100+ acre wetland complex will result from this project.

Project Benefits

Flood Control	**40 to 50% reduction in the 10-yr & 100-yr discharges from the project area.**
Habitat Restoration	**Reduced turbidity and major wetland restoration.**
Erosion Reduction	**Reduction in peak discharges along the waterways will result in a reduction in turbidity and suspended solids thereby improving water quality.**

Project Cost: $4,054,900 State75% ($3,041,175) / CPL Grant ($350,000) / Local ($663,725)

Status: Construction Ready in Spring 2010

	Previous Years	FY 2010 (7/1/09-6/30/10)	FY 2011 (7/1/010-6/30/11)
Approvals	PT/WG/WD	DNR/COE/WCA	
Funding	State $200K WD $200K	State $1.8 M WD $500K	State $1.2M WD $50K CPL $350K
Construction	Project Design	Project Design, Acquisition	Construction

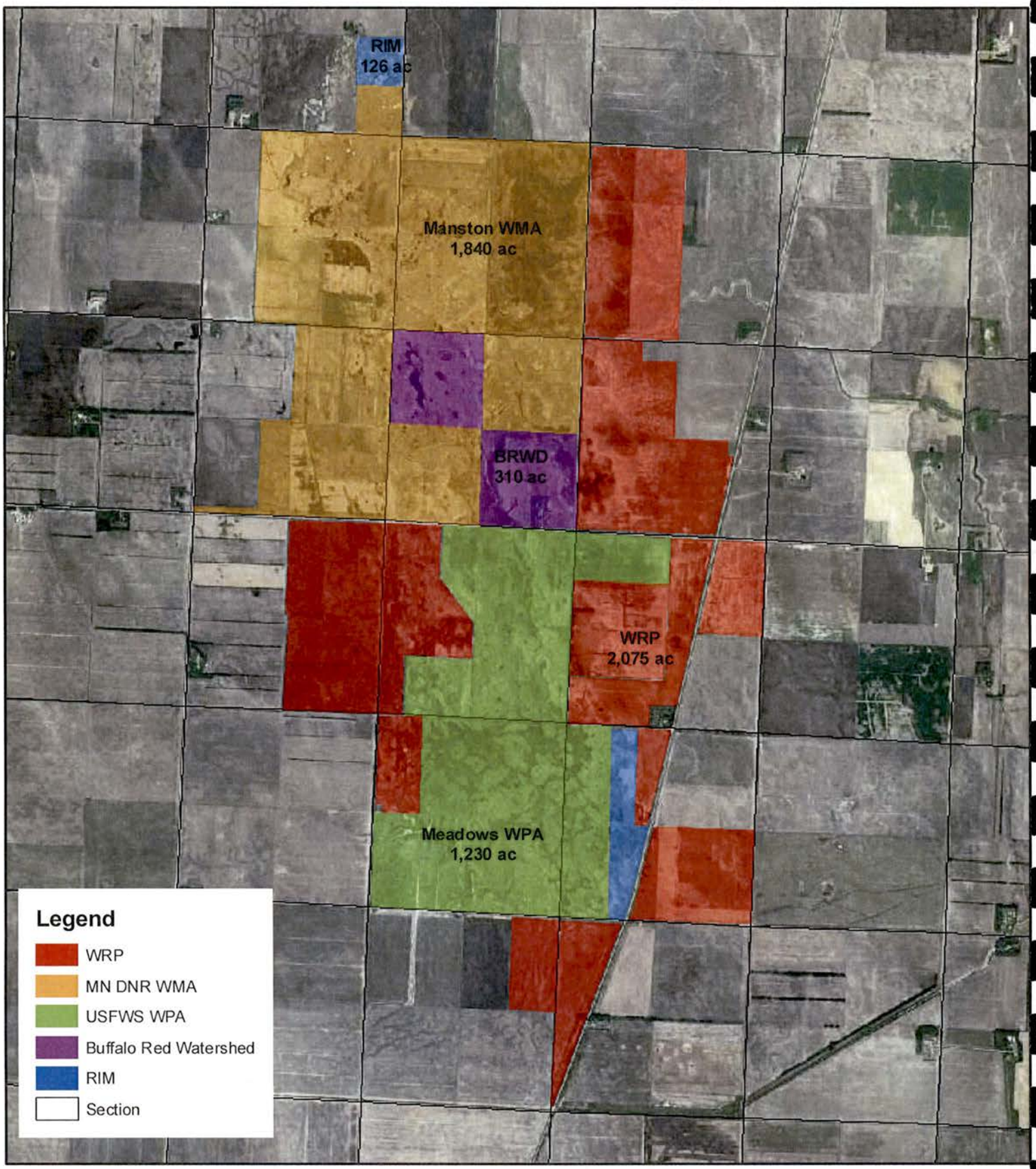
Key: PT=Project Team; WG=Flood Damage Reduction Work Group; WD=Watershed District; DNR=Minnesota DNR; O=Other

Partners: State of Minnesota Flood Damage Reduction Program and Conservation Partners Legacy Grant Program

Manston Slough

2009 Air Photo

Date: 5/20/2010



F

5,581 Total Acres
Wilkin County

0 0.5 1 2
Miles

Upper South Branch Water Resource Management Project

Proposers
Buffalo-Red River Watershed District

Description/Location:
The project area includes the upper portion of the South Branch of Buffalo River watershed and has a drainage area of 155 square miles. The project covers most of what has been designated the Southern Planning Region in the Watershed Districts Revised Watershed Management Plan. The portion of the Southern Planning Region in Wilkin County is currently included in the project. The project is currently in the study/design phase. The project is anticipated to consist of numerous features: river corridor restoration and floodway enclosed by setback levees, multiple floodwater impoundments, establishment of buffers, side inlet controls, and Wetland restorations in the upstream drainage area and overflow connection channels. The storage sites may provide a total of at least 4,600 acre-feet of gated and un-gated runoff storage.

Project Benefits

Flood Control	**20 to 25% reduction in the 10-yr & 100-yr discharges from South Branch Drainage area leaving Wilkin County and entering Clay County. Reduces downstream flooding durations for properties along the South Branch downstream of the storage sites in both Wilkin and Clay Counties. Reducing flooding to thousands of acres of ag land, several roads, culverts and bridges.**
Habitat Restoration	**Reduced turbidity, enhanced fish habitat, riparian buffer corridor and wetland restorations.**
Erosion Reduction	**Reduction in riverbank erosion and bank sloughing on the South Branch of the Buffalo River; buffers along the river and reduce overland flooding and reduction in turbidity and suspended solids thereby improving water quality.**

Project Cost: $8 Million **State75% ($6M) / Non-state 25% ($2M)**

Status: Currently in Study/Design Phase, Construction Ready in Spring 2011

	FY 2010 (7/1/09-6/30/10)	FY 2011 (7/1/010-6/30/11)	FY 2012 (7/1/11-6/30/12)
Approvals	PT/WG/WD	DNR/COE/WCA	
Funding	State $100K WD $100K	State $1.2M WD $0.4M	State $4.9M WD $1.5M
Construction	Project Design	Design, Acquisition, Construction	Construction

Key: PT=Project Team; WG=Flood Damage Reduction Work Group; WD=Watershed District; DNR=Minnesota DNR; O=Other

Partners: State of Minnesota Flood Damage Reduction Program

Potential Storage Site
Section 11, 12, 13, and 14, Deerhorn Twp (T136N, R47W)
101.5 sq. mi. Contributing Watershed

Upper South Branch Set-Back Levees
From approximately 1 mile West of MN State Hwy 9
To Clay/Wilkin County Line

Potential Storage Site
Section 32, Atherton Twp (T136N, R46W)
31.9 sq. mi. Contributing Watershed

Potential Storage Site
Section 2, Manston Twp (T135N, R46W)
16.4 sq. mi. Contributing Watershed

Potential Storage Site
Section 3, Manston Twp (T135N, R46W)
27.6 sq. mi. Contributing Watershed

Potential Storage Site
Section 10, 11, 14, and 15, Manston Twp (T135N, R46W)
25.4 sq. mi. Contributing Watershed

Typical Wetland Restoration Site
Sections 32 and 33, Norweigan Grove Twp (T136N, R44W)
144 Acres

N
W E
S

1 0.5 0 1 Mile

Legend

- Interstate
- US Highway
- State Highway
- Railway
- County Road
- Township Road
- Watershed Political Boundary
- Proposed WLI Boundary
- Major Drainage Boundary
- BRRWD Hydrologic Boundary
- BRRWD Lakes
- National Wetlands Inventory
- Restorable Wetland Inventory
- Partially Drained Wetlands
- MN State Funded Easements
- 2007 CRP Land
- 2009 WRP Land
- State Wildlife Management Area
- Federal Land (USFWS)
- The Nature Conservancy
- County Boundary
- Township Boundary
- Section Boundary

Project Summary

Upper South Branch WRMP
Buffalo - Red River Watershed District
Barnesville, Minnesota

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	ZOH	ESJ	1915-172	6-16-2010	1

701.237.5065
HoustonEngineering Inc.
1401 21st Avenue North Fargo ND 58102

Deerhorn Creek Setback Levees

Location: South of Barnesville along Deerhorn Creek between Minnesota Highway No. 9 and CSAH No. 52. Deerhorn Creek is a tributary to the South Branch of the Buffalo River.

Background:

The Deerhorn Creek basin has had a long history of flooding and erosion problems. A series of SCS PL-566 studies initiated in the 1950s concluded that the major problems in the watershed were due to flooding damages and inadequate surface drainage outlets. Accumulation of sediment within the channel also contributed to floodwater damage. Runoff from the steeper easterly portion of the basin subjected large portions of land west of CSAH No. 52 to extensive flooding and erosion because of inadequate capacity in the natural and constructed channels serving this area. The principal area of damage cited during these studies was the portion of the Deerhorn Creek between CSAH No. 52 and its outlet into the South Branch of the Buffalo River. For various reasons, improvements proposed under the PL-566 studies were never constructed, and the SCS never implemented any of their proposed improvements. Flooding and erosion continued to be a problem in the area, so BRRWD initiated a project in the area.

The Project:

The project constructed in 2000-2001 consists of nine miles of setback levees along Deerhorn Creek. The levees consist of an embankment with a 10 foot top and 4H:1V side slopes. Channel restoration was completed in one portion of Deerhorn Creek where the channel had moved too close to a building site. There is a minimum of 150' width between the setback levees. Most areas are wider. All areas along and between the levees have been planted to permanent grass. The project was designed for a 25-year flood with an additional one foot of freeboard in emergency spillway locations. On the upstream side (east) of CSAH No. 52, a diversion structure directs floodwaters into Deerhorn Creek. When the discharges exceed the 25-year flood, some water is diverted north along the east side of CSAH No. 52 to Wilkin County Ditch No. 42. The project has been tested a couple of times since its construction with rainfall events in excess of 4 inches over the Deerhorn Creek drainage area. The project has contained floodwaters within the levee system during these events.

Deerhorn Creek Setback Levees

Benefits:

- Reduction of flood damages along the various reaches of Deerhorn Creek and Wilkin County Ditch No. 42.
- Reduction of overland flooding and erosion of cropland by diverting peak flows away from cropland.
- Reduction of overloading of Wilkin County Ditches Nos. 42 and 43.
- Reduction of ditch maintenance costs due to less sediment entering Ditches Nos. 42 and 43.
- Reduction of sediment due to less movement of the Deerhorn Creek channel.

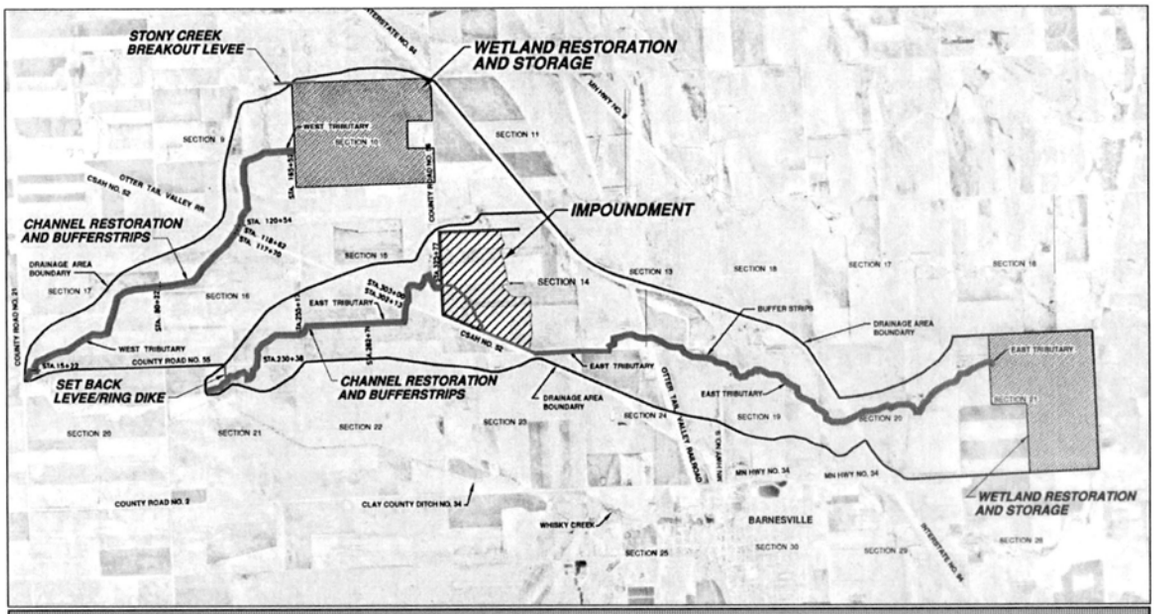
Costs:

- Approximate Cost for the Project was **$1.4 Million**.

Funding:

▪ State of Minnesota DNR Flood Damage Reduction Grant	$400,000
▪ BRRWD Construction Account	$800,000
▪ RRWMB	$200,000

Whisky Creek Tributaries Water Resource Management Project



Location: Immediately north and west of Barnesville along two tributaries to Whisky Creek in Barnesville and Humboldt Townships.

Background:

Over the last few decades, the incidence of damaging flooding and erosion on the area near the Whisky Creek tributaries had become more and more frequent. Overland flooding and overtopping of roads were common even after 2"-3" rainfall events. The tributaries had very small capacities due to the sedimentation caused by land use changes and farming practices within the watershed. Breakouts from the East tributary would travel overland to the west toward the West tributary causing significant erosion and flooding. In addition to breakouts from the East tributary, interbasin flows from the Stony Creek basin located to the north would enter the West tributary drainage area at times. This caused the west tributary to become overloaded and also breakout. Breakouts from the West tributary would then head west toward the Village of Baker causing additional erosion and flood damage along the way, including inundation of CSAH No. 52. Overtopping of CSAH No. 52 was a significant public safety concern, since the road is heavily traveled.

The Project:

The project constructed in 2004-2005 consists of six components: a flood water impoundment, channel restorations, set-back levees, bufferstrips, diking, and wetland restorations. The combination of these components made the project goals of flood damage reduction, natural resource enhancement, and erosion reduction a reality. In order to create a better functioning system, the east and west tributaries were restored and the peak discharges these channels needed to handle were reduced. Peak discharges handled by the east and west tributaries were reduced by preventing the overland flooding and interbasin flows by installing diking and setback levees and by routing much of the east tributary drainage area flow through a small floodwater impoundment (346 acre-feet). The restoration of the west tributary was a rural ditch cleanout. Sediment was removed from this channel. The restoration of the east tributary involved excavation of a small floodplain and the installation of a sinuous pilot channel within the created floodplain. The east tributary is designated "public water" by the Minnesota Department of Natural Resources. To complete the channel restoration design, bufferstrips and culverted inlet pipes were installed along the restored channels to reduce the amount of sediment entering these channels. The final component of the project are two 400-acre Wetland restorations in

Whisky Creek Tributaries Water Resource Management Project

the upper drainage areas of both the east and west tributaries. The wetland restorations will provide water quality and natural resource enhancement benefits. In addition, some storage benefits may result from the wetland restorations.

Benefits:

- Reduced peak discharges
- Reduced overland flooding and erosion
- Improved habitat/Natural Resource Enhancement with channel restorations and bufferstrip installation.
- Improved Public Safety as a result of reduce road overtopping

Costs:

- Approximate Cost for the Project is **$1,000,000**.

Funding:

▪ State of Minnesota DNR Flood Damage Reduction Grant	$100,000
▪ BRRWD/M.S.A. 103D.905, Subd. 3	$500,000
▪ BRRWD Construction Account	$200,000
▪ Project Assessments per Benefited Party (M.S.A. 103D.725)	$200,000

HAY CREEK WATERSHED PARTNERSHIPS RESULT IN MEASURES APPLIED TO THE LAND

The cooperative effort of five different entities has resulted in an extremely successful start to the Hay Creek Buffer Initiative in Western Becker County. In 2008 the Buffalo Red River Watershed District (BRRWD) identified the Stinking Lake/Hay Creek watershed (24 sq. miles) as a high priority area that was in need of upland treatment to reduce turbidity and sedimentation from contributing drainage areas that were impacting the quality of Stinking Lake, as well as other lakes in the Hay Creek watershed. Stinking Lake has been a major water quality concern by the U.S. Fish & Wildlife Service, Ducks Unlimited, and the BRRWD.

Once complete, gully's such as these located throughout the Hay Creek Watershed will be closed and farmable.

Previously public and private monies were spent on water control/flood control for Stinking Lake with one of the goals being improved waterfowl usage. As a result of these concerns the BRRWD in partnership with the Becker SWCD and the NRCS Field Office devised a plan that called for the installation of 20 water and sediment control basins and 60 acres of native buffer to be established along either side of Hay Creek. In order to assist in getting these projects on the ground the BRRWD in 2008 applied for and was awarded a $185,000 Clean Water Legacy Grant with an additional $50,000 being contributed by the BRRWD.

Landowner and operator contacts began in the spring of 2008 explaining the benefits of installing water & sediment control basins and buffers. A breakdown of cost-share programs, and annual payments, such as CRP were shown along with additional incentives that were offered by the BRRWD. The resulting response far exceeded what was originally expected when the proposal was prepared. With construction of the practices beginning in 2009, 25 water and sediment control basins and 99 acres of native buffer plantings were installed in the Hay Creek watershed. Once the project began other interested landowners came forward wishing to participate in the project. This has resulted in an additional 24 water and sediment control basins and 78 acres of buffers that will be installed in 2010. Total pollution and soil loss reduction for the 2009 projects were the following:

Annual reduction of phosphorous from surface water 9,923 lbs/year.

Annual reduction of sediment delivery to surface water 8,391 ton/year.

Annual soils savings on cropland 7,858 tons/year.

Tile being installed for a sediment and erosion control basin in the Hay Creek Watershed project area.

PROJECT LOCATION: 16,000 acre watershed in Becker County located approximately 4 miles each side of US Hwy #10. The watershed starts approximately at the west edge of the City of Lake Park and continues to the Becker-Clay County line.

PARTNERS: Buffalo RRWD, Natural Resources Conservation Service (NRCS), Becker SWCD, West Central Minnesota Joint Powers Engineering Office (WCMJPB) and landowners/operators in the Hay Creek Watershed.

PROJECT COSTS/FUNDING SOURCES: Total project costs for sediment basins, filter strips installations, and wetland restorations are currently $467,340. Federal dollars through the Environmental Quality Incentive Program (EQIP) and Conservation Reserve Program (CRP) was $232,327 and the remaining $235,013 local share was contributed by the Clean Water Legacy Grant (CWL) Buffalo RRWD, Becker SWCD State Cost Share Program, and landowners/operators.

Gully being closed after tile and sediment basin installation as part of the Hay Creek Watershed Project.

KEYS TO SUCCESS: A successful Clean Water Legacy Grant application was submitted by the Buffalo RRWD. "Selling the Practices" to landowners in the watershed by NRCS staff and Becker SWCD staff. Engineering survey, design, and layout by the WCMJPB Engineering staff. Landowner cooperation to install practices. Construction supervision and certification by the Becker SWCD staff. All five of the entities mentioned in this section working together have resulted in a successful start to the on land treatment of the sedimentation issue in the Hay Creek Watershed.

SWCD ROLE: Coordination and close cooperation with the local NRCS staff to secure Federal funding through the EQIP and CRP programs. Landowner contact and "salesmanship" on the conservation practices to farmers and farm operators. Cooperation and assistance to the WCMJPB Engineering office to design and layout the conservation practices. Construction supervision and close working relationship with contractors to assume quality installation.

MEASURABLE OUTCOMES: Already installed in 2009 are 11.25 miles of filter strips in 32 fields, 20.9 acres of wetland restoration and 25 water and sediment control basins. Designed and to be installed in 2010 are 7.9 miles of filter strips in 20 fields, 3.5 acres of wetland restoration and 24 water and sediment basins.

CONTACT PERSON: Brad Grant Becker SWCD 218-846-7360

LaBelle and Boyer Lakes Highwater Outlets Project

Proposers
Buffalo-Red River Watershed District

Description/Location:
The project area is located near Lake Park, MN in the glacial moraine area of the Buffalo-Red River Watershed District. Numerous lakes in this region are experiencing extreme highwater problems due to the extreme wet cycle and their land locked condition. East and West LaBelle Lakes and Boyer Lake were experiencing extreme highwater conditions. Barricades were installed along US Highway 10 due to water on the highway. Highwater on landlocked lakes creates access problems for landowners as well as significant shoreline erosion especially during high wind conditions. Several Township and County Roads have been inundated or impacted by the highwater affecting the road bed. This spring, high south winds would strand floating logs on the shoulder of Highway 10. Project was constructed in May-July 2010 and has been discharging water from both East LaBelle and Boyer Lakes since early July. Water levels have retreated significantly even with the wet July in the project area (10+ inches reported by several area landowners).

Project Benefits

Flood Control	**Projects provide flood protection to several lake homes as well as Federal (US10), County, and Township Roads. Projects are designed to allow operation that minimizes downstream impacts. Controls and Operation plans are used.**
Erosion Reduction	**Reduction in shoreline erosion and sloughing and buffers added along downstream waterways create a reduction in turbidity and suspended solids thereby improving water quality.**

Project Cost: $330,000

Status: Constructed in 2010

U.S. Fish & Wildlife Service

Hamden Slough National Wildlife Refuge

26624 North Tower Road
Detroit Lakes, MN 56501
E-mail: hamdenslough@fws.gov
Phone Number: 218-847-4431

Visit the Refuge's Web Site:
http://midwest.fws.gov/hamdenslough

Many species of waterfowl, including ruddy ducks, rely on the shallow water and prairie habitat that has been restored on the refuge.

Overview

Hamden Slough National Wildlife Refuge

Eastern forest dramatically gives way to the western prairie at Hamden Slough National Wildlife Refuge. Hardwood forests stretching from the Atlantic seaboard rapidly shift to the vast western prairie at this picturesque refuge. Prior to settlement, this diverse vegetation was attractive to wildlife, and the area teemed with waterfowl, upland birds, bison, wolves, and other prairie wildlife. When fully restored, the refuge will provide the largest contiguous block of wetland prairie habitat in the region, encompassing nearly 6,000 acres.

The station's objective is to restore 3,000 acres of wetlands and 2,250 acres of upland grass. This will provide resting and nesting cover for 219 species of migratory and nesting birds. Currently, many species of waterfowl, shorebirds, neotropical migratory songbirds, and birds of prey rely on the shallow water and prairie habitat that has been restored on the refuge.

During the last six years, refuge habitat restorations have resulted in a dramatic increase in waterfowl, shorebird and prairie songbird populations. This has generated opportunities for wildlife-dependent recreation and serves as an educational model for land and watershed stewardship. Approximately 50% of the private property within the refuge's future boundary has been acquired from willing sellers. Funding to acquire land and fully develop the refuge's infrastructure is expected to be near $10,000,000. Approximately 15-20 years of work is anticipated to complete the refuge.

Getting There . . .

The refuge is located northeast of Audubon, Minnesota. Visitors can get to the information kiosk by following the brown and white refuge signs on state, county, and township roads. The best route U.S. Hwy. 10 at Audubon is north on County Road #13 to downtown Audubon. Proceed east on County Road #104 for 1.3 miles, then north on County Road #104 for 0.75 miles to the south end of the refuge. Follow refuge signs and proceed 0.25 miles northwest on Township Road #440 to the refuge kiosk. The north portion of the refuge can be observed by following County Highway #14 west from U.S. Highway #59 just north of Callaway, Minnesota. County Highway #13 travels south off of County Highway #14 and provides visitors an opportunity to view the prairie wetland landscapes and wildlife of the refuge. The refuge headquarters is co-located with the Detroit Lakes Wetland Management Disrict office. The office is located 2 miles north of Detroit Lakes, MN, via U.S. Highway #59, then 1-1/2 miles east on County Road #131/North Tower Road.

Recreation & Education Opportunities

Environmental Education
Interpretation
Photography
Wildlife Observation
Learn More >>

Management Activities

The goal of Hamden Slough National Wildlife Refuge is to re-establish almost 6,000 acres of prairie wetland habitat on the edge of the northern tallgrass prairie. Within the future boundary of the refuge, 280 wetlands will be re-established. Refuge staff have restored 235 wetlands since 1991.

Early restorations of wetlands and uplands have had a dramatic effect on migrating and nesting bird species. Bird diversity and abundance has spiraled upward, with a marked increase in shorebird species. Migrating waterfowl numbers have also exploded, with spectacular spring and fall gatherings since 1995.

The restoration of 112-acre Bisson Lake in 2000 has been highly attractive to wildlife and bird watchers. Restoration efforts there included 130 smaller wetlands and 700 upland acres adjacent to Bisson Lake.

Upland habitat restorations have been successful, with native grass seedings stimulated by managed fires. Burning in areas of remaining native grass has also stimulated many species of dormant prairie wildflowers. Wildflower displays in these small native stands have attracted visitors, who come to see previously unseen species. Wildflower seed is also mixed with native grass seedings to increase diversity. Increased plant diversity attracts additional insects, which deposit eggs and larva, providing a rich protein source for spring chicks and ducklings.

Get Google map and directions to this refuge/WMD from a specified address:

Your full starting address **AND** town and state **OR** zip code

Get Directions

Google Maps opens in a new window

NOTE: When using this feature, you will be leaving the U.S. Fish & Wildlife Service domain. We do not control the content or policies of the site you are about to visit. You should always check site policies before providing personal information or reusing content.

These driving directions are provided as a general guide only. No representation is made or warranty given as to their content, road conditions or route usability or expeditiousness. User assumes all risk of use.

Wildlife and Habitat

The refuge hosts a wide diversity of wildlife species, including: marsh and shorebirds, waterfowl, prairie nesters, and water birds like herons, egrets, and ibis.

Learn More>>

History

John James Audubon's niece heard about the wildlife abundance of the Hamden Lake area and visited the site in 1871.

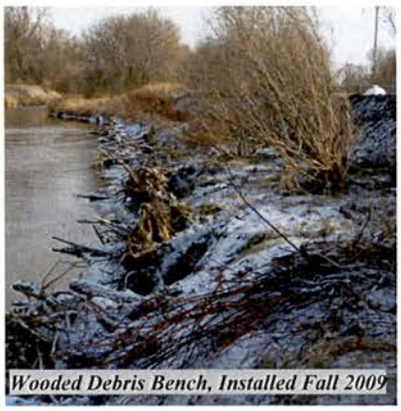
Learn More>>

BUFFALO-RED RIVER WATERSHED DISTRICT

Buffalo River Restoration at Hawley, Minnesota

Background:

Numerous erosion issues have been experienced since the straightening of the original Buffalo River Channel through the City of Hawley, MN. Erosion issues being experienced in this reach of the Buffalo River are a result of an increased grade of the channel bottom. Erosion along the Buffalo River has resulted in bank stability issues at various locations within the Hawley.



Wooded Debris Bench, Installed Fall 2009

The erosion of the channel created a significant bank failure adjacent to a trailer court north of US Highway No. 10. Continued bank failure posed an imminent threat to the sanitary sewer collection system for the City of Hawley, as well as a potential safety issue for residents of the trailer court. In the fall of 2009, a bench was constructed along the bank failure to improve soil stability along the failing bank. This proved to be a viable solution for this localized area, but it fails to fix the underlying problem of the straightened channel.

The City of Hawley, MN approached the Buffalo – Red River Watershed District (BRRWD) for options to mitigate erosion issues being experienced along the Buffalo River. The BRRWD and the City of Hawley both determined that the best alternative is to fix the underlying problem by restoring portions of the Buffalo River to a more natural channel with input from river restoration experts from the Minnesota Department of Natural Resources. The restored channel will result in more channel length and a decreased channel gradient, ultimately reducing velocities and the subsequent erosion being experienced along this reach of the Buffalo River.

The Project:

The project will restore approximately 5,600 feet of channel which will increase the total length of the Buffalo River channel through Hawley by approximately 2,400 feet. Project features include:

- Installation of approximately 11 rock riffles
- Excavation of pools located downstream of rock riffle locations
- Wooded Debris Bench installations along outside bends of the restored channel
- Removal of Junction Avenue (Old No. 2)
- Improvement of Eglon Township Road and bridge as mitigation for the removal of Junction Avenue.
- Certified levee west of the Buffalo River and north of US Highway No. 10

The proposed channel cross section north of Highway No. 10 consists of approximately 5 feet of depth and a top width of 52 feet during the bank-full flow condition. The channel cross section south of US Highway No. 10 consists of a top width of 60 feet. An additional 2 feet of depth is proposed at pool locations.

BUFFALO-RED RIVER WATERSHED DISTRICT

Buffalo River Restoration at Hawley, Minnesota

The Flood Insurance Study HEC-2 model was combined with current survey and 2008 LiDAR elevation information to create an updated HEC-RAS model. The HEC-RAS model was used to analyze the impacts to the 100-year flood elevation through this reach of the Buffalo River. The results of this analysis indicated no significant impact to the 100-year flood elevations.

Improving flood protection for the City of Hawley in the area west of the Buffalo River and north of US Highway No. 10 is also a local priority. The existing levee is currently non-FEMA certified. If site conditions allow, a certified levee would be constructed west of the Buffalo River. The alignment of the proposed certified levee will be determined upon completion of a geotechnical survey.

Benefits:

Benefits for the Buffalo River Channel Restoration at Hawley, Minnesota are summarized below:

- Meets natural resource enhancement goals specified in the Buffalo – Red River Revised Watershed Management Plan.
- Establishment of 12 acres of riparian corridor for wildlife habitat and public use.
- Mitigate the erosion problems by fixing the underlying issue of shortened channel reach.
- Improved water quality for this reach of the Buffalo River as well as points downstream.
- Enhanced environmental amenities for the residents of Hawley and the general public
- Improved habitat for fish and wildlife
- Provides an educational opportunity for watershed managers, engineers, agency employees and the public, by illustrating the value of multi-purpose natural resource enhancement projects

Funding:

For completion of the Buffalo River Restoration the Buffalo-Red River Watershed District will look to the following sources of funding to complete the project:

BWSR Clean Water Fund (CWF)

Lessard-Sams Outdoor Heritage Council Funding

Department of Natural Resources Flood Damage Reduction Grant

City of Hawley

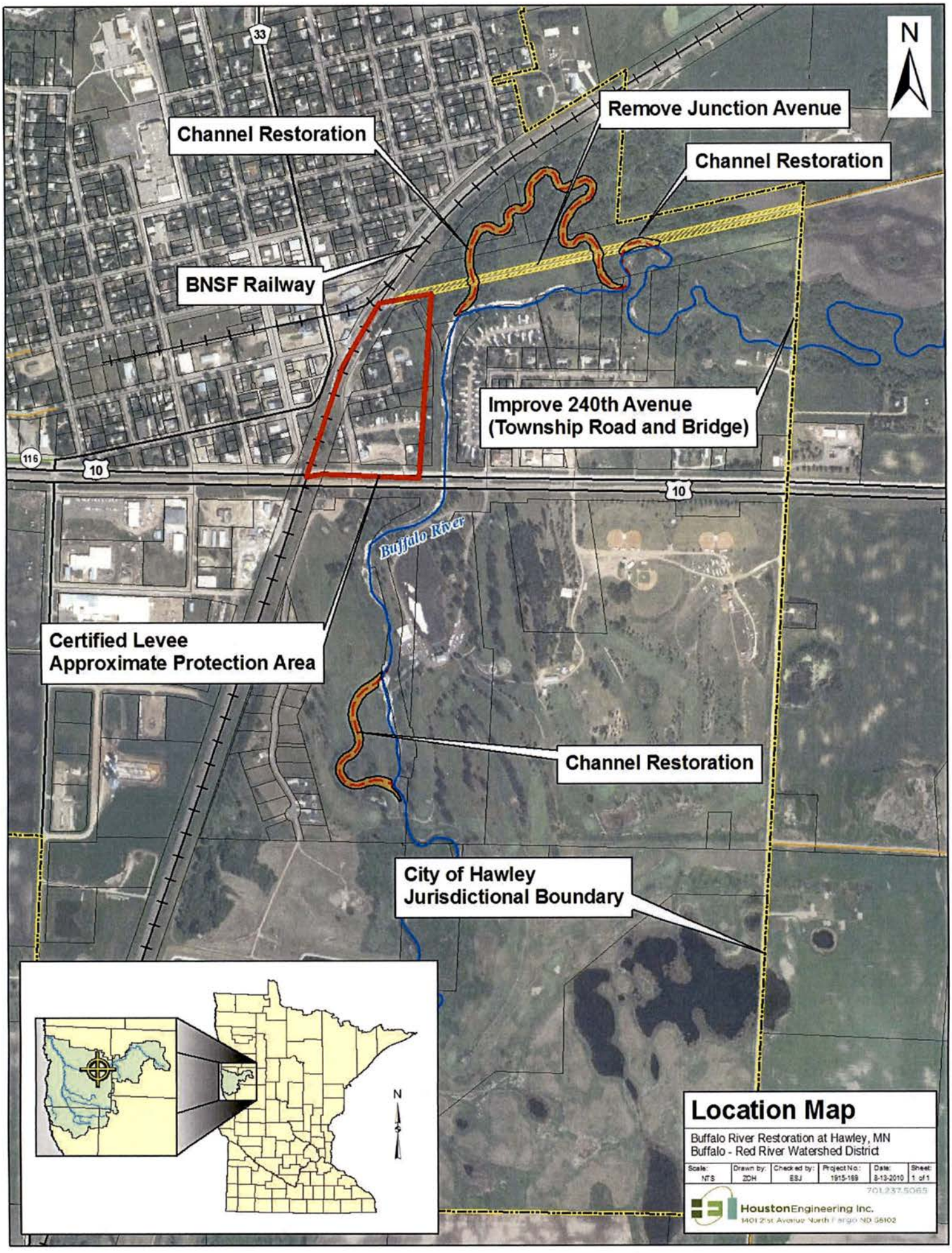
Buffalo-Red River Watershed District 103D.905 Subd. 3 Assessment

Total project costs are estimated at **$1.5 million**.

Project Partners:

Numerous entities are partners in the Buffalo River Restoration Project. They include:

- The Buffalo-Red River Watershed District.
- City of Hawley
- MN Department of Natural Resources
- MN Department of Transportation
- MN Board of Water and Soil Resources
- Clay Soil and Water Conservation District
- Hawley Golf Club


N
Channel Restoration
Remove Junction Avenue
Channel Restoration
BNSF Railway
Improve 240th Avenue
(Township Road and Bridge)
33
116
10
10
Buffalo River
Certified Levee
Approximate Protection Area
Channel Restoration
City of Hawley
Jurisdictional Boundary
N
Location Map
Buffalo River Restoration at Hawley, MN
Buffalo - Red River Watershed District
Scale: NTS
Drawn by: ZDH
Checked by: ESJ
Project No.: 1915-169
Date: 8-13-2010
Sheet: 1 of 1
701.237.5065
HoustonEngineering Inc.
1401 21st Avenue North Fargo ND 58102

Stream Habitat Program

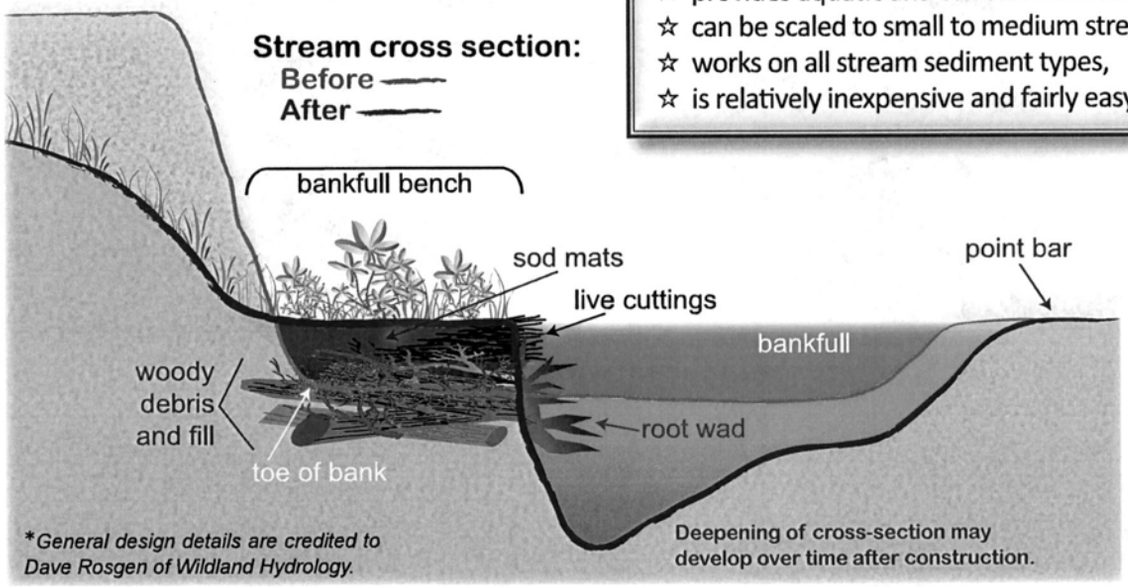
Stream Restoration: Toe Wood-Sod Mat

Purpose of a Toe Wood-Sod Mat

All streambank restoration project goals should be to: 1) restore channel function, dimensions and connection to the floodplain, 2) provide short-term protection that promotes natural long-term stability, 3) allow the channel to adjust over the long-term, 4) protect meanders (a.k.a., sinuosity) of a stream to prevent a meander cutoff. A toe wood-sod mat provides the opportunity to add stability, habitat, and streambank protection where it is needed.

The toe wood-sod mat is a preferred design because it:

- ☆ restores channel dimensions (width & depth),
- ☆ protects a once vulnerable and unstable cutbank,
- ☆ restores the connection to the floodplain with a bankfull shelf,
- ☆ incorporates transplanted sod mat(s) and live cuttings that grow quickly and develop dense roots,
- ☆ utilizes all natural materials using local vegetation and sod,
- ☆ provides aquatic and terrestrial habitat,
- ☆ can be scaled to small to medium streams,
- ☆ works on all stream sediment types,
- ☆ is relatively inexpensive and fairly easy to install.



Construction of a Toe Wood-Sod Mat:

The cutbank is renovated by angling back the upper bank and excavating or filling in (depending on stream width and site restrictions) the lower bank with a bankfull bench. The bench consists of a bottom layer of logs, branches, brush, roots and soil as fill. Root wads can be incorporated to provide additional roughness and habitat. The fill is covered with a layer of live cuttings then with a top layer of sod mats and transplants set at *bankfull stage* (*the flow at which the channel fills the banks and just begins to overflow onto the floodplain*), which is level with the point bar. The stream bed may deepen with time as the stream develops its proper dimensions. In some cases, rock vanes may be installed up and downstream of the mat depending on how flow is impacted. A permit is needed from the DNR to construct a toe wood-sod mat. Permits may also be required from local and federal agencies. Contact your DNR Area Hydrologist for permit information.

Streambank restoration fundamentals:

Several factors need to be considered when proposing a streambank restoration project, like a toe wood-sod mat:

Evaluate the current and future watershed condition. Often, the presence of cutbanks indicates watershed-scale channel incision due to channel straightening, changes in the watershed that have introduced low-sediment water (dam, urbanization, tiling), or increased flood magnitude (see Resource Sheet #1). Before taking action, consider the purpose and scale of a restoration.

Determine if there really is an erosion problem. Channel erosion is natural channel adjustment to change. Occasional cutbanks are a natural stream feature that provide unique habitat. For example, a straightened ditch that is forming new meanders is adjusting towards a more stable form. Yet there are cases where local protection of infrastructure is necessary, and so determining if erosion is a problem is important.

Contact Information

DNR Ecological & Water Resources:

Stream Habitat Program
500 Lafayette Road, Box 25
St. Paul, MN 55155, (651) 259-5900

Public Water Work Permit Program
500 Lafayette Road, Box 32
St. Paul, MN 55155
(651) 259-5700

DNR website:
http://mndnr.gov

Minnesota Department of Natural Resources

Toe Wood-Sod Mat

Spruce Creek

Unstable bank encroaching on a picnic shelter. Toe of bank is eroding causing slumping and stream is overwide.

Construction of bankfull bench. A layer of woody debris and fill was placed along the bank toe then covered with live willow cuttings (in foreground).

Collection of local dogwood and willow sod mats with very dense root mats.

Placement of final layer of sod mats on the constructed bench at bankfull elevation.

Finished bank stabilization project: Vegetated bankfull bench and a graded streambank protected with erosion control blankets.

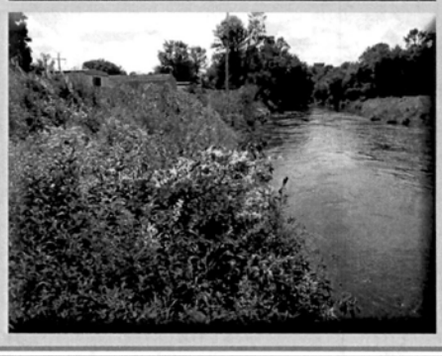
Buffalo River

Unstable bank and failing flood control dike protecting a mobile home park. The project started with the placement of woody debris and insertion of root wads.

The completed woody debris layer with incorporated root wads. The upper bank was regraded with a more gentle slope.

Dirt was added as fill and rooting material to the woody debris layer.

Locally collected red-osier dogwood and willow sod mats were placed on the constructed bench at bankfull elevation.



Project was completed with a vegetated bankfull bench and a re-graded upper bank seeded with native seed mix. New growth was thriving the next summer.

Wetland Bank/Pilot Grazing Project

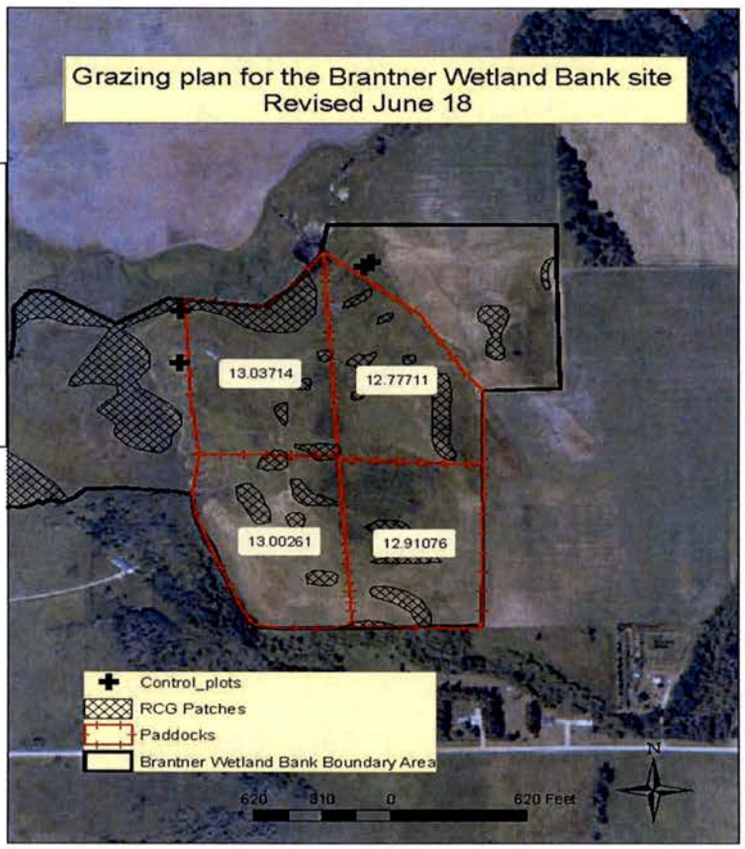
- In 2001 original landowner inquires about Federal/State/Local programs available
- 87.4 acre parcel enrolled in MN Public Road Mitigation Wetland Restoration Bank
- Over 70 acres of wetlands were restored through ditch plugs and cropping cessation
- 34.4 acres were planted to native grass/forb seed mixes based on soils
- "Banked" acres are used for public road mitigation projects
- Primary Landowner responsibilities – 1) Pay Property Taxes & 2) Control Weeds
- In 2008 parcel is sold, new owner is a livestock producer
- Control of Reed Canary Grass (RCG) desired
- Efforts to control RCG through "flash grazing" discussed and 3-Year Pilot Grazing Agreement approved by BWSR – data collection and analysis provided by NDSU
- "Flash Grazing"- 20 to 30 head of cattle will be moved from paddock to paddock every 5-7 days with 2 rotations per year
- Perimeter fence is in place and 6 cross-fenced "paddocks" soon to be completed
- 4 of the 6 paddocks will be used for research and monitored
- **PROJECT GOAL** – Suppress RCG spread and prevent seed production
- Project collaborators – Landowner, BWSR, TNC, NDSU, DNR, BRRWD, NRCS, RRVCSA engineering staff, and Clay SWCD

View of the perimeter fence

NOTE – the Reed Canary Grass in the forefront

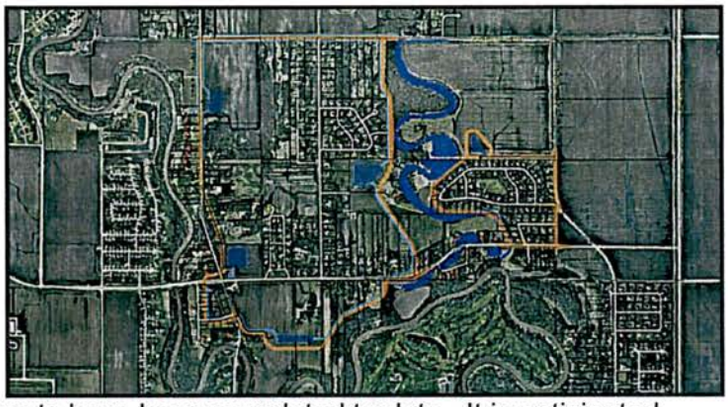
Overhead view of the 6 paddocks –

The bus is sitting approximately here ---------- X



Oakport Flood Mitigation Project

Proposers
Buffalo-Red River Watershed District



Description/Location:
The project area is located north of Moorhead and covers approximately a two square mile area. The project construction began in August 2009 with Phase 1B, 2, and 3A. Other remaining phases are anticipated to be completed in 2010-2011 depending on funding availability. Approximately 58 property buyouts have been completed to date. It is anticipated that an additional 1-2 property buyouts may be necessary due to geotechnical slope stability concerns. The constructed levee will be constructed to FEMA certification standards. Homes protected by the project may not require flood insurance after the project is built. The project is being built to 3 feet above the 2009 flood level – the flood of record.

Project Benefits

Flood Control	**Project provides flood protection to approx. 750 acres and 450 homes. Project has been designed to allow passage of the 100-year flood without adverse upstream impacts.**
Habitat Restoration	**Buyout locations will be converted to green space where practical.**
Erosion Reduction	**Overland flooding through the Oakport area will be reduced. Permanent Stormwater Detention ponds have been designed to reduce turbidity and suspended solids thereby improving water quality. All site drainage will be routed through a detention pond.**

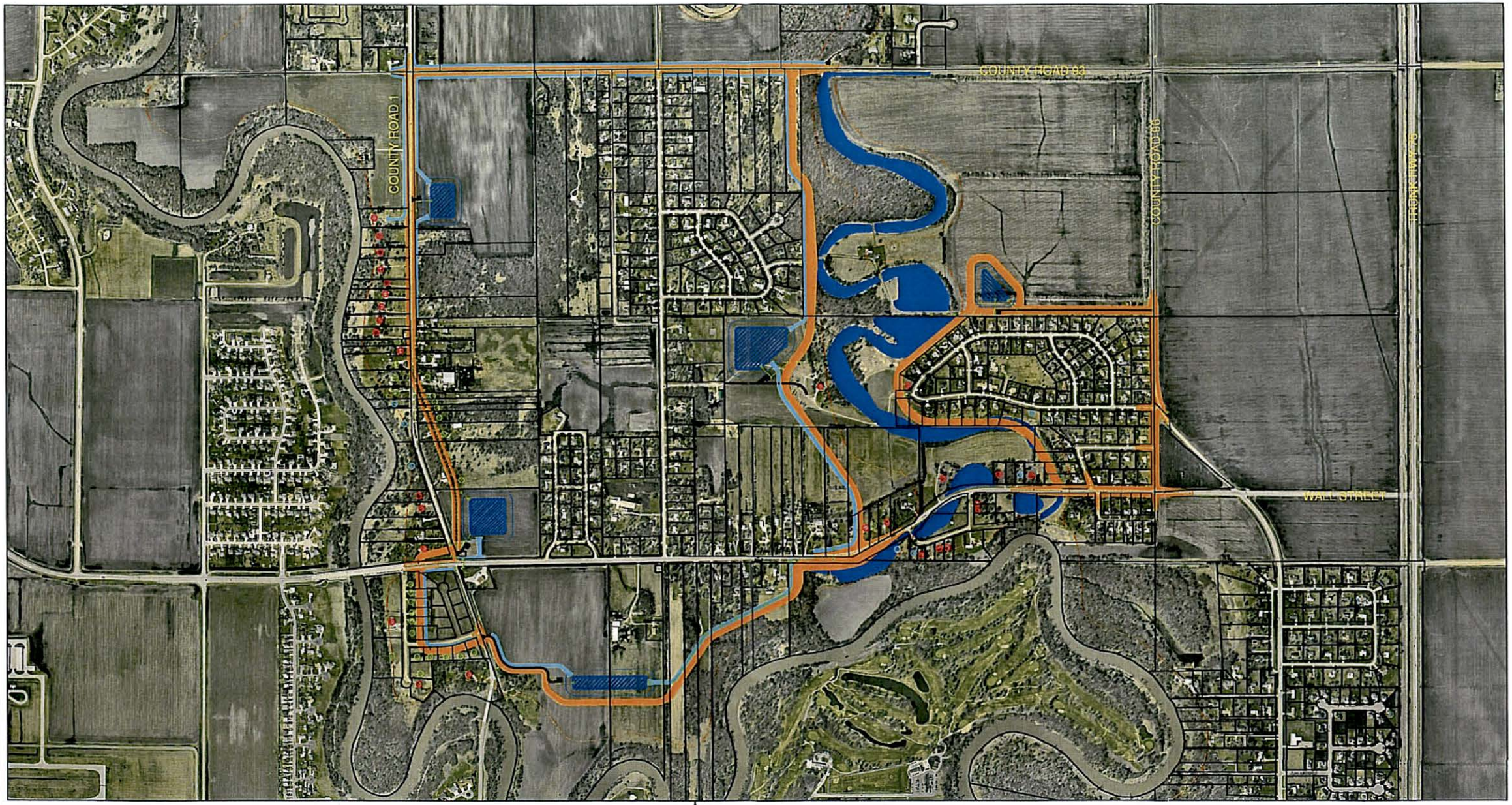
Project Cost: $26 Million State ($25.2M) / Non-state ($800k)

Status: Construction began Fall 2009 (Other Phases will be ready Spring 2010)

	Prior Years	FY 2010 (7/1/09-6/30/10)	FY 2011 (7/1/010-6/30/11)	FY 2012 (7/1/11-6/30/12)
Approvals	PT/WD	DNR/COE/WCA		
Funding	State $6M WD $100K	State $10M WD $100K	State $6M WD $400K	State $3.2M WD $200K
Construction	Project Design	Project Design, Acquisition, Construction	Acquisition, Construction	Construction

Key: PT=Project Team; WG=Flood Damage Reduction Work Group; WD=Watershed District; DNR=Minnesota DNR; O=Other

Partners: State of Minnesota Flood Damage Reduction Program



LEGEND

- EFFECTIVE FLOODWAY
- EXISTING WETLANDS
- ROAD RAISE
- EARTHEN DIKE
- INTERIOR DRAINAGE DITCH
- STORMWATER POND
- STORM SEWER
- STORM MANHOLE
- STORMWATER LIFT STATION
- BITUMINOUS ACCESS ROAD
- COMPLETED BUYOUT
- PROPOSED BUYOUT
- PUBLIC LAND

N W E S

0 250 500 1000

Ulteig

Bismarck - Denver - Detroit Lakes - Fargo - Minneapolis - Sioux Falls
1041 Hawk Street, P.O. Box 159
Detroit Lakes, Minnesota 56502-0159
Phone: 218.847.5607 Fax: 218.847.2791
Web: www.ulteig.com

Final Levee Alignment & Concept Plan
Oakport Flood Mitigation
June 2009

BWSR Tour and Meeting

August 25 – 26, 2010
Moorhead

Attendees

	Name	Car Pool	Dinner on Tues.	Pontoon Tour	Hjemkomst Center Tour	Sleeping Room Tues.	BWSR Tour	Sleeping Room Wed.	Board Meeting
1.	Mary Jo Anderson	x	x	x	x	x	x	x	x
2.	Gordy Behm		x	x		x	x	x	x
3.	Paul Brutlag		x	x	x	x	x	x	x
4.	LeAnn Buck	x	x	x	x	x	x	x	x
5.	Bob Burandt					x	x	x	x
6.	Brian Dwight		x	x	x	x	x	x	x
7.	Wayne Edgerton	x	x	x	x	x	x	x	x
8.	Quentin Fairbanks		x	x	x	x	x	x	x
9.	Rebecca Flood		x	x		x	x	x	
10.	Christy Jo Fogarty					x	x	x	x
11.	Jim Haertel	x	x	x		x	x	x	x
12.	Steve Hofstad						x		x
	Sandy Hooker – not attending								
13.	Jeff Hrubes		x	x	x	x	x	x	x
14.	John Jaschke	x	x	x	x	x	x	x	x
15.	Randy, Linda, & Rachel Kramer		3	3	3	x	x	x	x
16.	Larry Kramka								X
17.	~~Sen. Keith Langseth~~ Rep. Morrie Lanning						x		
18.	Paul Langseth		x	x	x	x	x	x	x
	Tom Loveall – not attending								
19.	Margaret Mangan – to Moorhead only	x to	x	x		x	x	x	x
20.	~~John Meyer~~	cancelled				x	x	x	x
21.	Keith Mykleseth		x	x	x	x	x	x	x
22.	Brian Napstad		x	x	x	x	x	x	x
23.	Rob Sip		x	x	x	x	x	x	x
24.	Louise Smallidge	x	x	x	x	x	x	x	x
25.	Faye Sleeper – return ride only	x return	x	x		x	x	x	x
26.	Steve Sunderland		x	x	x	x	x	x	x
27.	Gene Tiedemann							x	x
28.	LuAnn Tolliver					x	x	x	x
29.	Pete Waller		x	x	x	x	x	x	x
30.	Dan Wilson					x	x	x	x
	TOTALS	7	~~21~~	~~21~~	18	~~24~~ 25	~~27~~ 28	~~26~~ 26	28

1. Mary Jo Anderson, BWSR Staff, St. Paul
2. Gordy Behm, BWSR Board Member
3. Paul Brutlag, BWSR Board Member
4. LeAnn Buck, MASWCD Executive Director
5. Bob Burandt, BWSR Board Member
6. Brian Dwight, BWSR Staff, Bemidji
7. Wayne Edgerton, Department of Natural Resources (DNR)
8. Quentin Fairbanks, BWSR Board Member
9. Rebecca Flood, BWSR Board Member, representing Minnesota Pollution Control Agency (MPCA)
10. Christy Jo Fogarty, BWSR Board Member
11. Jim Haertel, BWSR Staff, St. Paul
12. Steve Hofstad, BWSR Staff, Fergus Falls
13. Jeff Hrubes, BWSR Staff, Brainerd
14. John Jaschke, BWSR Executive Director
15. Randy Kramer, BWSR Chair; Linda Kramer (Randy's wife); and Rachel Kramer (Randy's daughter) -- Linda and Rachel will attend Tuesday evening dinner and pontoon tour – they will not attend tour on Wednesday
16. Larry Kramka, BWSR Board Member, representing Department of Nature Resources (DNR)
17. ~~Senator Keith Langseth, Minnesota Senate~~ Rep. Morrie Lanning
18. Paul Langseth, BWSR Board Member
19. Margaret Mangan, Department of Agriculture (MDA)
20. ~~John Meyer~~, BWSR Board Member
21. Keith Mykleseth, BWSR Board Member
22. Brian Napstad, BWSR Board Member
23. Rob Sip, BWSR Board Member, representing Department of Agriculture (MDA)
24. Louise Smallidge, BWSR Board Member
25. Faye Sleeper, BWSR Board Member, representing Minnesota Extension Service (MES)
26. Steve Sunderland, MASWCD President
27. Gene Tiedemann, BWSR Board Member
28. LuAnn Tolliver, BWSR Board Member
29. Pete Waller, BWSR Staff, Fergus Falls
30. Dan Wilson, BWSR Board Member, representing Minnesota Department of Health (MDH)

STATE	AFFILIATE NAME	CITY	LAST NAME	FIRST NAME
MN	Agri News	Rochester	Wilmes	Mychal
MN	Anishinaabeg Today	White Earth		
MN	Barnesville Record-Review	Barnesville		
MN	Crookston Daily Times	Crookston		
MN	Daily Journal	Fergus Falls		
MN	Detroit Lakes Tribune & Becker Co. Record	Detroit Lakes		
MN	East Grand Forks Exponent	East Grand Forks		
MN	Erskine Echo	Erskine		
MN	Farmers Independent	Bagley		
MN	Fertile Journal	Fertile		
MN	Frazee-Vergas Forum	Frazee		
MN	Grant County Herald	Elbow Lake		
MN	Greenbush Tribune/New River Record	Greenbush		
MN	Hawley Herald	Hawley		
MN	Herman Review	Herman		
MN	Hoffman Tribune	Hoffman		
MN	Kittson County Enterprise	Hallock		
MN	Mahnomen Pioneer	Mahnomen		
MN	Minnesota Public Radio	Moorhead	Gunderson	Dan
MN	New York Mills Herald	New York Mills		
MN	Norman County Index	Ada		
MN	North Star News	Karlstad		
MN	Oklee Herald	Oklee		
MN	Ortonville Independent	Ortonville		
MN	Our Northland Diocese	Crookston	Barranco	Charmaine
MN	Perham Enterprise Bulletin	Perham		
MN	Red Lake Falls Gazette	Red Lake Falls		
MN	Roseau Times-Region	Roseau		
MN	Stephen Messenger	Stephen		
MN	The Northern Watch	Thief River Falls		
MN	The Thirteen Towns	Fosston		
MN	Thief River Falls Times	Thief River Falls		
MN	Twin Valley Times	Twin Valley		
MN	Ulen Union	Ulen		
MN	Valley Journal	Halstad		
MN	Valley News	Browns Valley		
MN	Warren Sheaf	Warren		
MN	Wheaton Gazette	Wheaton		
ND	Grand Forks Herald	Grand Forks	Bonham	Kevin
ND	Grand Forks Herald	Grand Forks	Grinde	Kevin
ND	Grand Forks Herald	Grand Forks	Lee	Stephen
ND	KFGO AM	Fargo	Jurgens	Paul
ND	KFME - Prairie Public TV	Fargo	Thompson	Dave
ND	KFNW AM/FM Radio	Fargo		
ND	KQLX AM Radio	Fargo		
ND	KVLY Television	Fargo		
ND	KVLY Television	Fargo	Morken	Mike
ND	KVLY Television	Fargo	Selvig	Daron
ND	KVRR Television	Fargo		
ND	KXJB Television	Fargo		
ND	North Dakota Prairie Public Radio	Fargo	McDonald	Todd

ND	North Dakota Prairie Public Radio	Fargo	Thompson	Dave
ND	The Forum	Fargo		
ND	The Forum	Fargo	Olson	Dave
ND	The Forum	Fargo	Springer	Patrick
ND	WDAY Television	Fargo	Nelson	Jeff
ND	WDAY-AM Radio	Fargo		
ND	WDAZ Television	Grand Forks		
ND	WDAZ Television	Devils Lake	Chmiel	Renee
ND	West Fargo Pioneer	West Fargo		

TITLE

Managing Editor
News Editor
News Editor
News Editor
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Reporter
Managing Editor
Reporter
News Director
News Director
News Director
News Editor
News Director

News Director
News Director
Reporter/Producer

News Director
News Editor

News Director
News Director
News Director
Reporter
News Editor

Attend	Supper	Decline	First	Last	misc.	Company	Address1	Address2	Citystatezip
x	x		Ross	Aigner, Supervisor	SWCD	Wilkin Soil and Water Conservatic	1689 160th AVE		Wolverton, MN 56594
x	x		Don	Bajumpaa, Manager	SWCD	Wilkin Soil and Water Conservatic	1150 HWY 75 N		Breckenridge, MN 56520
x	x		Tony	Beck, Supervisor	SWCD	Becker Soil & Water Conservation	49028 ST HWY 87		Menahga, MN 56464
x	x		Jerry	Flottemesch, Supervisor	SWCD	Becker Soil & Water Conservation	202035 CO HWY 14		Callaway, MN 56521
x			Brad	Grant, Manager	SWCD	Becker Soil & Water Conservation	809 8th ST SE		Detroit Lakes, MN 56501
x	x		Lyle	Hovland	County Comm	Wilkin County Commissioner	1353 310th AVE		Rothsay, MN 56579
x	x		Duane	Janssen, Supervisor	SWCD	Clay Soil and Water Conservation	21533 120th AVE S		Barnesville, MN 56514
x	x		Erik	Jones	PT	Houston Engineering, Inc.	1401 21st AVE N		Fargo, ND 58102
x	x		Kevin	Kassenborg, Manager	SWCD	Clay Soil and Water Conservation	1615 30th AVE S		Moorhead, MN 56560
x	x		Stephanie	Miranowski	County Comm	Wilkin County Commissioner	1552 270th ST		Breckenridge, MN 56520
x			Ed	Musielewicz	Becker County	NRCS	809 8th ST SE		Detroit Lakes, MN 56501
x	x		Curtis	Nelson	BRRWD		22777 120th AVE S		Barnesville, MN 56514
x	x		Breanna	Paradeis Kobiela	BRRWD		1308 5th AVE S		Moorhead, MN 56560
x	x		Bruce	Poppel, Water Planner		Wilkin County	300 S 5th ST		Breckenridge, MN 56520
x	x		Kenneth	Schellack, Supervisor	SWCD	Clay Soil and Water Conservation	13077 70th AVE S		Glyndon, MN 56547
x	x		Carol	Schoff, Supervisor	SWCD	Clay Soil and Water Conservation	8142 200th ST N		Hawley, MN 56549
x	x		Brian	Winter, Program Director	PT	The Nature Conservancy	15337 28th AVE S		Glyndon, MN 56547-9561
x			Jim	Ziegler		MN Pollution Control Agency	714 Lake AVE, Suite 220		Detroit Lakes, MN 56501
		x	Bob	Backman, Executive Director	tOthers	River Keepers	325 7th ST S		Fargo, ND 58103-1846
		x	John	Blaufuss	County Comm	Wilkin County Commissioner	2271 360th ST		Breckenridge, MN 56520
		x	Kevin	Campbell	County Comm	Clay County Commissioner	1301 62nd AVE N		Moorhead, MN 56560
		x	Pam	Hendrickson, Supervisor	SWCD	Wilkin Soil and Water Conservatic	2062 ST HWY 9		Rothsay, MN 56579
		x	Wayne	Ingersoll	County Comm	Clay County Commissioner	1324 5th AVE S		Moorhead, MN 56560
		x	Joe	Stenger, Supervisor	SWCD	Becker Soil & Water Conservation	18048 360th AVE		Detroit Lakes, MN 56501
		x	Mark	Voxland, Mayor		City of Moorhead	Moorhead City Hall	500 Cent	Moorhead, MN 56560-0779
			John	Bellefeuille	County Comm	Becker County Commissioner	24439 Clark Gable RD		Detroit Lakes, MN 56501
			Kevin	Brennan		United States Fish and Wildlife Se	21932, ST HWY 210 E		Fergus Falls, MN 56537
			Mike	Carroll, Regional Director		Minnesota DNR	2115 Birchmont Beach RD NE		Bemidji, MN 56601
			Steve	Dalen, Supervisor	SWCD	Clay Soil and Water Conservation	18059 40th ST N		Georgetown, MN 56546
			Roger	Ellefson	BRRWD		2458 120th ST		Barnesville, MN 56514
			Brenda	Elmer, LTFS Coordinator		Red River Basin Commission	119 S 5th ST, PO Box 66		Moorhead, MN 56560
			Karlo	Etten, Supervisor	SWCD	Wilkin Soil and Water Conservatic	3138 370th ST		Foxhome, MN 56543
			Jon	Evert	County Comm	Clay County Commissioner	6429 170th AVE S		Moorhead, MN 56560
			Neal	Folstad	County Comm	Wilkin County Commissioner	937 Main ST		Breckenridge, MN 56520
			Charles	Fritz, Director	tOthers	International Water Institute	NDSU DEPT 9030	PO Box 6	Fargo, ND 58108-6050
			Roger	Froemming, Chair	County Comm	Otter Tail County Commissioner	108 S Sunset AVE		Parkers Prairie, MN 56361
			Duane	Grossman, Supervisor	SWCD	Becker Soil & Water Conservation	14355 Grossman RD		Audubon, MN 56511
			John	Hanson	BRRWD		19532 232nd ST		Audubon, MN 56511
			Larry	Knutson	County Comm	Becker County Commissioner	43030 CO HWY 56		Frazee, MN 56544
			Paul	Krabbenhoft, Supervisor	SWCD	Clay Soil and Water Conservation	1119 25th AVE S		Moorhead, MN 56560
			Rich	Kruse, Supervisor	SWCD	Wilkin Soil and Water Conservatic	2788 320th ST		Foxhome, MN 56543
			Donald	Lefebvre, Supervisor	SWCD	Becker Soil & Water Conservation	21252 HWY 59		Detroit Lakes, MN 56501-7687
			Brad	Mergens, Manager	SWCD	West Otter Tail SWCD	506 Western AVE N		Fergus Falls, MN 56537
			Barry	Nelson	County Comm	Becker County Commissioner	12972 CO HWY 11		Audubon, MN 56511
			Robert	Perry	County Comm	Wilkin County Commissioner	713 S 6th ST		Breckenridge, MN 56520
			Harry	Salminen	County Comm	Becker County Commissioner	12176 CO HWY 17		Detroit Lakes, MN 56501
			Gerry	Schram	County Comm	Becker County Commissioner	19608 295th AVE		Detroit Lakes, MN 56501
			Dan	Swedlund, Supervisor	SWCD	Wilkin Soil and Water Conservatic	2049 355th ST		Breckenridge, MN 56520
			Gerald	VanAmburg	BRRWD		4518 5th ST S		Moorhead, MN 56560
			Henry	VanOffelen		MCEA	50785 Bucks Mill RD		Detroit Lakes, MN 56501
			Jerry	Waller	County Comm	Clay County Commissioner	8233 31st AVE N		Glyndon, MN 56547
			Paul	Wannarka, Red River Basin Coordinator	PT	Minnesota DNR	2115 Birchmont Beach RD NE		Bemidji, MN 56601
			Rod	Wenstrom, Supervisor	SWCD	West Otter Tail SWCD	25811 CO HWY 18		Fergus Falls, MN 56537
			Grant	Weyland	County Comm	Clay County Commissioner	PO Box 1032		Moorhead, MN 56561-1032
			Lance	Yohe, Executive Director		Red River Basin Commission	119 S 5th ST, PO Box 66		Moorhead, MN 56560
18	15	7							
Total Attending		18							

Attend	Supper (Rustic Oaks)	Decline	First	Last	misc.	Company
x	x		Ross	Aigner, Supervisor	SWCD	Wilkin Soil and Water Conservation District
x	x		Bruce	Albright		BRRWD
x	x		Don	Bajumpaa, Manager	SWCD	Wilkin Soil and Water Conservation District
x	x		Tony	Beck, Supervisor	SWCD	Becker Soil & Water Conservation District
x	x		Brenda	Elmer, LTFS Coordinator		Red River Basin Commission
x	x		Jon	Evert	County Comm	Clay County Commissioner
x	x		Jerry	Flottemesch, Supervisor	SWCD	Becker Soil & Water Conservation District
x	x		Julie	Goehring		RRBC
x	x		Brad	Grant, Manager	SWCD	Becker Soil & Water Conservation District
x	x		Duane	Grossman, Supervisor	SWCD	Becker Soil & Water Conservation District
x	x		Lyle	Hovland	County Comm	Wilkin County Commissioner
x	x		Duane	Janssen, Supervisor	SWCD	Clay Soil and Water Conservation District
x	x		Erik	Jones	PT	Houston Engineering, Inc.
x	x		Kevin	Kassenborg, Manager	SWCD	Clay Soil and Water Conservation District
x	x		John	Lindquist		Otter Tail County Commissioner
x	x		Brad	Mergens, Manager	SWCD	West Otter Tail SWCD
x	x		Stephanie	Miranowski	County Comm	Wilkin County Commissioner
x	x		Curtis	Nelson	BRRWD	
x	x		Breanna	Paradeis Kobiela	BRRWD	
x	x		Bruce	Poppel, Water Planner		Wilkin County
x	x		Lee	Rogness		Otter Tail County Commissioner
x	x		Kenneth	Schellack, Supervisor	SWCD	Clay Soil and Water Conservation District
x	x		Carol	Schoff, Supervisor	SWCD	Clay Soil and Water Conservation District
x	x		Julian	Sjostrom	SWCD	West Otter Tail SWCD
x	x		Gerald	VanAmburg	BRRWD	
x	x		Paul	Wannarka, Red River Basin Coordinator	PT	Minnesota DNR
x	x		Brian	Winter, Program Director	PT	The Nature Conservancy
x	x		Lance	Yohe, Executive Director		Red River Basin Commission
x			Jack	Frederick		MN Pollution Control Agency
x			Ed	Musielewicz	Becker County	NRCS
	x		Jeff	LeDoux		HEI
		x	Bob	Backman, Executive Director	tOthers	River Keepers
		x	John	Blaufuss	County Comm	Wilkin County Commissioner
		x	Kevin	Brennan		United States Fish and Wildlife Service
		x	Kevin	Campbell	County Comm	Clay County Commissioner
		x	Pam	Hendrickson, Supervisor	SWCD	Wilkin Soil and Water Conservation District
		x	Wayne	Ingersoll	County Comm	Clay County Commissioner
		x	Joe	Stenger, Supervisor	SWCD	Becker Soil & Water Conservation District
		x	Mark	Voxland, Mayor		City of Moorhead
		x	Jim	Ziegler		MN Pollution Control Agency
			John	Bellefeuille	County Comm	Becker County Commissioner
			Mike	Carroll, Regional Director		Minnesota DNR
			Steve	Dalen, Supervisor	SWCD	Clay Soil and Water Conservation District
			Roger	Ellefson	BRRWD	
			Karlo	Etten, Supervisor	SWCD	Wilkin Soil and Water Conservation District
			Neal	Folstad	County Comm	Wilkin County Commissioner
			Charles	Fritz, Director	tOthers	International Water Institute
			Roger	Froemming, Chair	County Comm	Otter Tail County Commissioner
			John	Hanson	BRRWD	
			Larry	Knutson	County Comm	Becker County Commissioner
			Paul	Krabbenhoft, Supervisor	SWCD	Clay Soil and Water Conservation District
			Rich	Kruse, Supervisor	SWCD	Wilkin Soil and Water Conservation District
			Donald	Lefebvre, Supervisor	SWCD	Becker Soil & Water Conservation District
			Barry	Nelson	County Comm	Becker County Commissioner
			Robert	Perry	County Comm	Wilkin County Commissioner
			Harry	Salminen	County Comm	Becker County Commissioner
			Gerry	Schram	County Comm	Becker County Commissioner
			Dan	Swedlund, Supervisor	SWCD	Wilkin Soil and Water Conservation District
			Henry	VanOffelen		MCEA
			Jerry	Waller	County Comm	Clay County Commissioner
			Rod	Wenstrom, Supervisor	SWCD	West Otter Tail SWCD
			Grant	Weyland	County Comm	Clay County Commissioner
			Mary Jo	**Anderson**		**BWSR Staff, St. Paul**
			Gordy	**Behm**		**BWSR Board Member**
			Paul	**Brutlag**		**BWSR Board Member**
			LeAnn	**Buck**		**MASWCD-Executive Director**
			Bob	**Burandt**		**BWSR Board Member**
			Brian	**Dwight**		**BWSR Staff, Bemidji**
			Wayne	**Edgerton**		**DNR**
			Quentin	**Fairbanks**		**BWSR Board Member**
			Rebecca	**Flood**		**BWSR Board Member, representing Minnesota Pollution Control Agency (MPCA)**
			Christy Jo	**Fogarty**		**BWSR Board Member**
			Jim	**Haertel**		**BWSR Staff, St. Paul**
			Steve	**Hofstad**		**BWSR Staff, Fergus Falls**
			Sandy	**Hooker**		**BWSR Board Member**
			Jeff	**Hrubes**		**BWSR Staff, Brainerd**
			John	**Jasche**		**BWSR Executive Director**
			Randy	**Kramer**		**BWSR Chair**
			Linda	**Kramer**		
			Rachel	**Kramer**		
			Larry	**Kramka**		**BWSR Board Member-representing Minnesota Department of Natural Resources (DNR)**
			State Senator Keith	**Langseth**		**Minnesota Senate**
			Paul	**Langseth**		**BWSR Board Member**
			Tom	**Loveall**		**BWSR Board Member**
			Margaret	**Mangan**		**DEPT of Agriculture (MDA)**
			John	**Meyer**		**BWSR Board Member**
			Keith	**Mykleseth**		**BWSR Board Member**
			Brian	**Napstad**		**BWSR Board Member**
			Rob	**Sip**		**BWSR Board Member-representing DEPT of Agriculture (MDA)**

			Louise	Smalldge	BWSR Board Member
			Faye	Sleeper	BWSR Board Member-representing Minnesota Extension Service (MES)
			Steve	Sunderlund	MASWCD President
			Gene	Tiedemann	BWSR Board Member
			LuAnn	Tolliver	BWSR Board Member
			Pete	Waller	BWSR Staff, Fergus Falls
			Dan	Wilson	BWSR Board Member, representing Minnesota DEPT of Health (MDH)
30	29	9			
Total Attending		30			

Minnesota Board of Water & Soil Resources

"INVITATION TO ATTEND"

You are Invited to Attend the Board of Water and Soil Resources' (BWSR) Informational Tour August 25, 2010 in Moorhead, Minnesota

Dear Invitee,

The Board of Water and Soil Resources (BWSR) invites you to attend an informational tour in and around Moorhead on Wednesday, August 25, 2010, in conjunction with the Board meeting on Thursday, August 26, 2010.

The Buffalo-Red River Watershed District and the Becker, Clay and Wilkin Soil and Water Conservation Districts (SWCDs) are the local hosts. The Red River Basin Commission will be a sponsor/host as a component of the Long-Term Flood Solutions (LTFS) project that BWSR and the North Dakota State Water Commission are overseeing.

The Board tour will begin at 8:00 a.m. on Wednesday, August 25, at the Courtyard by Marriott in Moorhead. The coach bus will promptly depart from the Courtyard by Marriott at 8:30 a.m. Attached is the *draft* tour itinerary.

If you are in Moorhead on Tuesday evening, August 24, the Riverkeepers are hosting a pontoon boat excursion on the Red River of the North. Also, the Historical and Cultural Society of Clay County will provide a tour of the Hjemkomst Center www.hjemkomstcenter.com.

Please RSVP to Mary Jo Anderson by August 13th at: mary.jo.anderson@state.mn.us
If you have any logistical questions, feel free to call Mary Jo directly at 651-297-4290.

As always, let me know if you have any questions or need additional information. I can be reached by phone: 651-296-0878; cell: 612-202-3815; email: john.jaschke@state.mn.us. BWSR is hopeful you're available to join us for the informational tour on August 25, 2010!

Sincerely,

John Jaschke
Executive Director

Attachment
cc: BWSR Board Members

Bemidji	Brainerd	Duluth	Fergus Falls	Marshall	Mankato	New Ulm	Rochester
[illegible] Minnesota Ave., Suite 234 Bemidji, MN 56601 (218) 333-8024	1601 Minnesota Drive Brainerd, MN 56401 (218) 828-2383	394 South Lake Ave., Room 403 Duluth, MN 55802 (218) 723-4752	1004 Frontier Drive Fergus Falls, MN 56537-2505 (218) 736-5445	1400 East Lyon St., Box 267 Marshall, MN 56258 (507) 537-6060	1160 Victory Drive S., Suite 5 Mankato, MN 56001-5358 (507) 389-1967	261 Highway 15 South New Ulm, MN 56073 (507) 359-6074	2300 Silver Creek Rd N.E. Rochester, MN 55906 (507) 206-2889

Central Office / Metro Office 520 Lafayette Road North Saint Paul, MN 55155 Phone: (651) 296-3767 Fax: (651) 297-5615

www.bwsr.state.mn.us TTY (800) 627-3529 An equal opportunity employer

COURTYARD Marriott

MACC
Moorhead Area Conference Center

1080 28th Avenue South • Moorhead, MN 56560
(218) 284-1000 Phone • (218) 284-1200 Fax

BOARD OF WATER & SOIL RESOURCE
520 LAFAYETTE ROAD NORTH
ST PAUL, MN 55155

Invoice #: 00008155
Invoice Date: 26Aug10
Invoice Total: 2,023.59
Direct Bill #: BWSR
Contract #:
Page 1 **of** 1
[REPRINT]

C/O Date	Nts	Guest Name/Folio #	Folio Balance
26Aug10	4	Folio #: G4054 - BWSR BRD OF WATER SO,	1,830.47
26Aug10	0	Folio #: F7236 - BWSR,	270.03
11Sep10		Adjustment: AD000721	70.00-
11Sep10		Adjustment: AD000721	4.81-
11Sep10		Adjustment: AD000721	2.10-

Current	31 - 60	61 - 90	Over 90	Total Due
2,023.59				2,023.59

Payment is due upon receipt of invoice. In the event such payment is not made within 30 days after receipt, the hotel may impose a late payment charge at a rate of 1 1/2% per month[annual rate 18%] or the maximum allowed by law, on the unpaid balance, and the reasonable cost of collection, including attorney's fees.

COURTYARD Marriott

MACC
Moorhead Area Conference Center

RECEIVED
AUG 31 2010
Bd. of Water & Soil Resources St. Paul

1080 28th Avenue South • Moorhead, MN 56560
(218) 284-1000 Phone • (218) 284-1200 Fax

BOARD OF WATER & SOIL RESOURCE
520 LAFAYETTE ROAD NORTH
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Page 1 of 1

C/O Date	Nts	Guest Name/Folio #	Folio Balance
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26Aug10	0	Folio #: F7236 - BWSR,	270.03

Current	31 - 60	ue
2,100.50		0

Payment is due upon receipt of invoice. In the eve
hotel may impose a late payment charge at a rate of
on the unpaid balance, and the reasonable cost of c

Invoice # 00008155
2,100.50
8/26 • Rm Charges # 369.10
8/24 • Hrubes
Anderson
Behm
8/25 • Dan Wilson
• Steve Sunderland
- breakfast @ 7.00
* 18 people on 8/25 = 126.
* 17 people on 8/24 = 119.
• RRBC #1,738.

COURTYARD Marriott

MACC
Moorhead Area Conference Center

RECEIVED
AUG 31 2010
Bd. of Water & Soil Resources St. Paul

1080 28th Avenue South • Moorhead, MN 56560
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C/O Date	Nts	Guest Name/Folio #	Folio Balance
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26Aug10	0	Folio #: F7236 - BWSR,	270.03

Current	31 - 60	61 - 90	Over 90	Total Due
2,100.50				2,100.50

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Courtyard by Marriott
1080 28th Avenue South
Moorhead, MN 56560
Phone: 218-284-5023

SLEEPING ROOMS

Tuesday, August 24

1. Mary Jo Anderson
2. Gordy Behm
3. Paul Brutlag
4. **LeAnn Buck** **
5. Bob Burandt
6. Brian Dwight
7. **Wayne Edgerton** **
8. Quentin Fairbanks
9. **Rebecca Flood** **
10. Christy Jo Fogarty
11. Jim Haertel
12. Jeff Hrubes
13. John Jaschke
14. Randy Kramer
15. ~~**Larry Kramka** **~~ cancelled
16. Paul Langseth
17. **Margaret Mangan** **
18. ~~John Meyer~~ cancelled
19. Keith Mykleseth
20. Brian Napstad
21. **Rob Sip** **
22. Louise Smallidge
23. **Faye Sleeper** **
24. **Steve Sunderland** **
25. LuAnn Tolliver
26. Pete Waller
27. **Dan Wilson** **

25

17

Wednesday, August 25

1. Mary Jo Anderson
2. Gordy Behm
3. Paul Brutlag
4. **LeAnn Buck** **
5. Bob Burandt
6. Brian Dwight
7. **Wayne Edgerton** **
8. Quentin Fairbanks
9. **Rebecca Flood** **
10. Christy Jo Fogarty
11. Jim Haertel
12. Jeff Hrubes
13. John Jaschke
14. Randy Kramer
15. ~~**Larry Kramka** **~~
16. Paul Langseth
17. **Margaret Mangan** **
18. ~~John Meyer~~
19. Keith Mykleseth
20. Brian Napstad
21. **Rob Sip** **
22. Louise Smallidge
23. **Faye Sleeper** **
24. **Steve Sunderland** **
25. LuAnn Tolliver
26. Pete Waller
27. **Dan Wilson** **
28. **Gene Tiedemann**

26

18

** **will pay for room upon arrival**

August 24th lodging to be paid by Red River Basin Commission

Moorhead Area Conference Center

COURTYARD Marriott

Courtyard by Marriott
1080 28th Ave South
Moorhead, MN 56560
218-284-1000

Fax Transmittal Form

TO

Name: Mary Jo

Organization/Business:

Phone #:

Fax #:

FROM

Name: Becky Balek

Phone: 218-284-1000 ext 4960
Fax: 218-284-1200
E-Mail: balek@raymondflam.com

Date Sent: 8/26/10

Number of Pages Including Cover: 7

MESSAGE:

Mary Jo - The receipt that Jim gave you is not accurate. The breakfast for both Tuesday & Wednesday morning were omitted from the folio. I apologize for this inconvenience. If you have any questions please let me know.

Becky Balek

COURTYARD Marriott

Courtyard by Marriott
Moorhead

1080 28th Ave South
Moorhead, Mn 56560
T 218.284.1000

Bwsr Brd Of Water So
520 Lafayette Rd
St Paul MN 55155

Room: GRP
Room Type: HSE
Number of Guests: 0
Rate: $0.00
Clerk: RAB

Arrive: 22Aug10 Time: Depart: 26Aug10 Time: 07:01PM Folio Number: G4054

Date	Description	Charges	Credits
26Aug10	Room Charge Rebate		70.00
26Aug10	Room Tax		2.10
26Aug10	City Tax		4.81
26Aug10	Room Charge	175.00	
26Aug10	Room Tax	5.25	
26Aug10	City Tax	12.03	
26Aug10	Room Charge	161.00	
26Aug10	Room Tax	4.83	
26Aug10	City Tax	11.07	
	Charges Transferred FROM 10236 HRUBES/ JEFFREY		
24Aug10	*Room Charge*	*70.00*	
24Aug10	*Room Tax*	*2.10*	
24Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 10236	76.91	
	Charges Transferred FROM 62281 ANDERSON/ MARY JO		
24Aug10	*Room Charge*	*70.00*	
24Aug10	*Room Tax*	*2.10*	
24Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62281	76.91	
	Charges Transferred FROM 62282 DWIGHT/BRIAN		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62282	76.91	

The undersigned agrees to make immediate payment upon receipt of statement. In the event such payment is not made within 30 days after receipt of the original statement. It is agreed that the hotel may impose a late payment charge at a rate of 1 1/2% per month [annual rate of 18%], or the maximum allowed by law, on the unpaid balance, and the reasonable cost of collection, including attorney's fees.

COURTYARD Marriott

Courtyard by Marriott
Moorhead

1080 28th Ave South
Moorhead, Mn 56560
T 218.284.1000

Bwsr Brd Of Water So
520 Lafayette Rd
St Paul MN 55155

Room: GRP
Room Type: HSE
Number of Guests: 0
Rate: $0.00 Clerk: RAB

Arrive: 22Aug10 Time: Depart: 26Aug10 Time: 07:01PM Folio Number: G4054

Date	Description	Charges	Credits
	Charges Transferred FROM 62283 BEHM/GORDY		
24Aug10	*Room Charge*	*70.00*	
24Aug10	*Room Tax*	*2.10*	
24Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62283	76.91	
	Charges Transferred FROM 62284 BRUTLAG/ PAUL		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62284	76.91	
	Charges Transferred FROM 62286 BURANDT/BOB		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62286	76.91	
	Charges Transferred FROM 62288 FAIRBANKS/ QUENTIN		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62288	76.91	

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COURTYARD Marriott

Courtyard by Marriott
Moorhead

1080 28th Ave South
Moorhead, Mn 56560
T 218.284.1000

Bwsr Brd Of Water So
520 Lafayette Rd
St Paul MN 55155

Room: GRP
Room Type: HSE
Number of Guests: 0
Rate: $0.00 Clerk: RAB

Arrive: 22Aug10 Time: Depart: 26Aug10 Time: 07:01PM Folio Number: G4054

Date	Description	Charges	Credits
	Charges Transferred FROM 62290 FOGARTY/		
	CHRISTY JO		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62290	76.91	
	Charges Transferred FROM 62291 HAERTEL/JIM		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62291	76.91	
	Charges Transferred FROM 62292 JASCHKE/		
	JOHN		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62292	76.91	
	Charges Transferred FROM 62293 KRAMER/		
	RANDY		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	

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COURTYARD® Marriott

Courtyard by Marriott
Moorhead

1080 28th Ave South
Moorhead, Mn 56560
T 218.284.1000

Bwsr Brd Of Water So
520 Lafayette Rd
St Paul MN 55155

Room: GRP
Room Type: HSE
Number of Guests: 0
Rate: $0.00 Clerk: RAB

Arrive: 22Aug10 Time: Depart: 26Aug10 Time: 07:01PM Folio Number: G4054

Date	Description	Charges	Credits
	Total Charges Transferred FROM 62293	76.91	
	Charges Transferred FROM 62295 LANGSETH/ PAUL		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62295	76.91	
	Charges Transferred FROM 62296 WILSON/DAN		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62296	76.91	
	Charges Transferred FROM 62298 SUNDERLAND/ STEVE		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62298	76.91	
	Charges Transferred FROM 62299 MYKLESETH/ KEITH		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	

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COURTYARD® Marriott

Courtyard by Marriott
Moorhead

1080 28th Ave South
Moorhead, Mn 56560
T 218.284.1000

Bwsr Brd Of Water So
520 Lafayette Rd
St Paul MN 55155

Room: GRP
Room Type: HSE
Number of Guests: 0
Rate: $0.00 Clerk: RAB

Arrive: 22Aug10 Time: Depart: 26Aug10 Time: 07:01PM Folio Number: G4054

Date	Description	Charges	Credits
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62299	76.91	
	Charges Transferred FROM 62300 NAPSTAD/		
	BRIAN		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62300	76.91	
	Charges Transferred FROM 62303 SMALLIDGE/		
	LOUISE		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62303	76.91	
	Charges Transferred FROM 62306 TIEDEMANN/		
	GENE		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62306	76.91	

The undersigned agrees to make immediate payment upon receipt of statement. In the event such payment is not made within 30 days after receipt of the original statement. It is agreed that the hotel may impose a late payment charge at a rate of 1 1/2% per month [annual rate of 18%], or the maximum allowed by law, on the unpaid balance, and the reasonable cost of collection, including attorney's fees.

COURTYARD Marriott

Courtyard by Marriott
Moorhead

1080 28th Ave South
Moorhead, Mn 56560
T 218.284.1000

Bwsr Brd Of Water So
520 Lafayette Rd
St Paul MN 55155

Room: GRP
Room Type: HSE
Number of Guests: 0
Rate: $0.00 Clerk: RAB

Arrive: 22Aug10 Time: Depart: 26Aug10 Time: 07:01PM Folio Number: G4054

Date	Description	Charges	Credits
	Charges Transferred FROM 62307 TOLLIVER/ LUANN		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62307	76.91	
	Charges Transferred FROM 62308 WALLER/PETE		
25Aug10	*Room Charge*	*70.00*	
25Aug10	*Room Tax*	*2.10*	
25Aug10	*City Tax*	*4.81*	
	Total Charges Transferred FROM 62308	76.91	
	Balance:	**1,830.47**	

Marriott Rewards Account # XXXXX3638. Your Marriott Rewards points/miles earned on your room rate will be credited to your account. For account activity: 801-468-4000 or MarriottRewards.com.

Get all your hotel bills by email by updating your Marriott Rewards Preferences. Or, ask the Front Desk to email your bill for this stay. See "Internet Privacy Statement" on Marriott.com.

The undersigned agrees to make immediate payment upon receipt of statement. In the event such payment is not made within 30 days after receipt of the original statement. It is agreed that the hotel may impose a late payment charge at a rate of 1 1/2% per month [annual rate of 18%], or the maximum allowed by law, on the unpaid balance, and the reasonable cost of collection, including attorney's fees.

BOARD OF WATER AND SOIL RESOURCES
INTERNAL REQUEST FOR GOODS OR SERVICES

VENDOR	**NAME** Minnesota Coaches ATTENTION: Anne Scott	SHIPTO	**NAME** MN Board of Water and Soil Resources
	ADDRESS 425 East 31st Street		**ADDRESS** 520 Lafayette Road North
	CITY, STATE, ZIP Hastings, MN 55033		**CITY, STATE, ZIP** St. Paul, MN 55155
REMIT TO	**NAME**	BILL TO	**NAME** MN Board of Water and Soil Resources
	ADDRESS		**ADDRESS** 520 Lafayette Road North
	CITY, STATE, ZIP		**CITY, STATE, ZIP** St. Paul, MN 55155

CONTRACT NO.

LINE NO.	COMMODITY CODE	UNIT(S) ORDERED	DESCRIPTION	UNIT	UNIT PRICE $	DISCOUNT $	TOTAL PRICE
1		1	31 passsenger Coach Bus from St. Paul to Moorhead on	EA	2,283.24		$ 2,283.24
			Tuesday, August 25, 2010 -- shuttle around Moorhead				$ -
			area as needed -- and return from Moorhead to St. Paul on				$ -
			Thursday, August 26, 2010				$ -
							$ -
							$ -
			(bus has internet service access)				$ -
							$ -
							$ -
							$ -
							$ -
							$ -
							$ -
			SUBTOTAL				$ 2,283.24
			SALES TAX (only for catering or lodging)				$ -
			GRATUITY for bus driver 1%				$ 46.00
						TOTAL:	$ 2,329.24

ORDERED BY: Mary Jo Anderson
DATE: 5/7/2010
PHONE NUMBER: 651-297-4290

SUPERVISOR APPROVAL: [signature]
DATE: 5/14/10

Minnesota Coaches, Inc.

425 East 31st Street
Hastings, MN 55033
651-437-9648
(Fax: 651-437-1302)

Minnesota Board Water/Soil Resources
520 Layfayette Road N
St Paul, MN 55155

Attn: Mary Jo Anderson

Charter # 128194
Date Booked: 5/3/2010
PO #:
Group Name: Moorhead Visit
Phone: 651-297-4290 Fax: 651-297-5615

		Departure Time	Date	# Coaches	Description	Cap.
Pickup	MN Board Water/Soil Resources 520 Layfayette Road N St Paul, MN	01:15 pm	08/24/10	1	31 Pax Coach	31
Dropoff	Moorhead, MN Area Moorhead, MN	05:00 pm	08/24/10			31
Pickup	Moorhead, MN Area Moorhead, MN	12:30 pm	08/26/10			31
Dropoff	MN Board Water/Soil Resources 520 Layfayette Road N St Paul, MN	05:30 pm	08/26/10			31

Total Cost of Service: $ 2,154.00
Fuel Surcharge: $ 129.24
Total Cost: $ 2,283.24
Balance of $ 2,283.24 is due: September 8, 2010

Please Remit Payment To:
Minnesota Coaches, Inc.
101 East 10th St, Suite 300
Hastings, MN 55033

Itinerary:

Group will book/pay for the drivers hotel accommodations

HOTEL: Courtyard by Marriott - 1080 28th Avenue S - Moorhead

The cost specified above is based on the information supplied by you when placing your order, and is subject to change based on actual service performed. Group Leader/Charter Party will be held responsible for any malicious damage to the vehicle.

In addition, due to the current volatility in fuel costs, the fuel surcharge may Increase or decrease based on the cost of fuel at the time of your trip. We thank you for your understanding and your business.

CANCELLATION CHARGE: $50.00 per coach for cancellations within 48 hours of scheduled pick up time. Cancellations on arrival will result in the minimum charge (3 or 4 hr) for each coach ordered, or $75 for each school bus.

Please confirm your order by signing and returning one copy of this agreement to: MINNESOTA COACHES, INC.. Place Charter number on all checks and correspondence.

Signature Mary Jo Anderson Date 6/4/10

Charter Representative _____

Minnesota Coaches, Inc.

425 East 31st Street
Hastings, MN 55033
651-437-9648
(Fax: 651-437-1302)

Minnesota Board Water/Soil Resources
520 Layfayette Road N
St Paul, MN 55155

Attn: Mary Jo Anderson

Charter # 128194
Date Booked: 5/3/2010
PO #:
Group Name: Moorhead Visit
Phone: 651-297-4290 Fax: 651-297-5615

**Group will provide a detailed itinerary, as no itinerary was submitted at time of booking.-AS 5/3/10

Initial mja Date 6/4/10
Please initial here to indicate that you have read the terms and conditons on page 1 of this contract.

STATE OF MINNESOTA PURCHASE ORDER

WATER & SOIL RESOURCES BOARD

BOARD TOUR ACCOMMODATIONS

PURCHASE ORDER NO: 34741135

DATE PRINTED: 08/06/10 FY: 11 PAGE NO: 1

REQN. NO. :
REQR. NAME : WATER & SOIL RESOURCES BOARD
AGENCY REQN. NO. :

SOLICITATION NO. :
CONTRACT NO. :
VENDOR QUOTE NO. :
VENDOR NO. : 200788130-00
VENDOR CONTACT : SANDY FERNOW
VENDOR PHONE : (218) 284-5023
VENDOR FAX : (218) 284-5033
VENDOR EMAIL : SFERNOW@CABLEONE.NET

COURTYARD BY MARRIOTT M
1080 28TH AVE S
MOORHEAD, MN 56560

SUPPLEMENTARY TERMS

1. Show the purchase order number on invoice and all tags, packages and correspondence.
2. This purchase order incorporates by reference all terms, conditions, and specifications of the Contract, the RFP/RFB and vendor's response. In case of a conflict in terms, the order of precedence shall be: First, this P.O., second the Contract, third the RFP/RFB and fourth the vendor's response.
3. All deliveries hereunder shall comply with all applicable State of Minnesota and Federal laws.
4. Invoicing must match line items on the purchase order.
5. The State of MN holds Direct Pay Permit 1114, issued July 1, 1995 and pays tax directly to Revenue. DO NOT CHARGE SALES TAX unless otherwise instructed to do so on this Purchase Order or the solicitation document.
6. Payment terms are NET 30 unless a discount is offered for early payment.

REQUESTED DELIVERY: 08/24/10
FREIGHT TERMS : DESTINATION
DISCOUNT TERMS : NONE

CONTACT FOR DELIVERY INSTRUCTIONS:
NAME : MARY JO ANDERSON
PHONE : (651) 297-4290

SHIP TO: (Unless specified otherwise on the lines)
BWSR/CENTRAL OFFICE
520 LAFAYETTE RD NORTH
ST PAUL, MN 55155

BILL TO:
BWSR/ST. PAUL
520 LAFAYETTE RD NORTH
ST PAUL, MN 55155

LINE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
00001	COMMODITY CODE: 006-09-000000 KING SUITE WITH MEETING ROOM FOR 8/24/10 AND 8/25/10	2.000	DAY	159.00	$ 318.00
00002	COMMODITY CODE: 006-09-000000 SLEEPING ROMMS FOR 8/24/10 SEE ATTACHED LIST	25.000	EACH	70.00	$ 1750.00
00003	COMMODITY CODE: 006-09-000000 SLEEPING ROOMS FOR 8/25/10 SEE ATTACHED LIST	25.000	EACH	70.00	$ 1750.00
00004	COMMODITY CODE: 890-12-000000 BREAKFAST FOR MEMBERS AND STAFF 25 PEOPLE - 8/25/10 25 PEOPLE - 8/26/10	50.000	EACH	7.99	$ 399.50
00005	COMMODITY CODE: 006-02-000000 MEETING ROOM RENTAL PARLORS - 8/25/10	1.000	EACH	100.00	$ 100.00
00006	COMMODITY CODE: 006-02-000000 MEETING ROOM RENTAL FOR BOARD MEETING 8/26/10	1.000	EACH	200.00	$ 200.00
00007	COMMODITY CODE: 890-12-000000 COFFEE	4.000	GAL	18.99	$ 75.96

PURCHASING AGENT NAME: KARI KEATING
EXECUTIVE AGENCY: WATER & SOIL RESOURCES BOARD
PHONE NUMBER: (651) 297-8029
EMAIL ADDRESS: KARI.KEATING@STATE.MN.US

SIGNED Kari Keating
Authorized signature

VENDOR COPY

PRICE SHEET	ORDER NUMBER: 34741135	PAGE NO: 2
COURTYARD BY MARRIOTT M **VENDOR NUMBER:**200788130-00	**UNLESS SPECIFIED OTHERWISE BELOW:** **SHIP TO:** WATER & SOIL RESOURCES BOARD 520 LAFAYETTE RD NORTH ST PAUL, MN 55155 **NEED DATE:** 08/24/10	

LINE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
	2 GALLONS FOR MORNING OF 8/25/10 2 GALLONS FOR BOARD MEETING 8/26/10				
00008	COMMODITY CODE: 023-22-000000 TAX PAYMENT (PAY TAX TO VENDOR) FOR FOOD	1.000	LOT	102.23	$ 102.23
00009	COMMODITY CODE: 023-22-000000 TAX PAYMENT (PAY TAX TO VENDOR) FOR LODGING	1.000	LOT	377.03	$ 377.03
				ORDER TOTAL	**$ 5072.72**

BEO#: 235306

Courtyard by Marriott Moorhead

1080 28th Avenue SouthMoorheadMN56560
Phone: 218-284-5023 Email: fernow@raymondteam.com

Banquet Event Order

Account:	Board of Water & Soil Resources - BWSR		
Description:		**Business Dates:**	Tuesday, 8/24/10 - Thursday, 8/26/10
Address:	Board of Water & Soil Resources - BWSR	**Payment Method:**	
	520 Lafayette Road	**Contact:**	Mary Jo Anderson
		Phone:	651-297-4290
		Fax:	
	St. Paul, Minnesota 55155	**E-mail:**	Mary.Jo.Anderson@state.mn.us
		Sales Manager:	Sandy Fernow

Event Details

Date	Time		Event Name	Event Type	Agreed Attendance	GTD Attendance	Room	Room Rental
8/26/2010	7:45 AM	8:15 AM	Break	Break	50		Salon AB	0.00
8/26/2010	8:00 AM	12:00 PM	Meeting	Meeting	50		Salon AB	200.00

The following food, gratuity and audio visual items are subject to 6.875% state tax. The following alcoholic beverages are subject to 9.375% state tax. All items are subject to 15% service charge. Guaranteed number of people must be received 3 business days prior to the event date. Note: Selected entrée may not be available after this time.

Menu

Served at 7:45am
Fresh Brewed Coffee- Gallon

3 at $18.99 = $56.97

Set Up

U-Shape-for 21ppl

6' Table with 2 chairs facing into the opening of the u-shape

Theatre Seating- for 30ppl
behind the 6' table and facing the opening of the u-shape.

1-8' Display Table- near enterance door

Break Table

Water and Mints on each table

Have the US flag in the room.

Additional set up fees will apply for any major set up changes after room has been set as listed above.

All signs and banners that need to be attached to meeting room walls, need to be placed by Courtyard by Marriott staff. Any damage sustained due to failure to comply with

Mary Jo Anderson 8/20/10

Account's Authorized Signature Date Hotel Signature Date

BEO#: 235306

this will be charged to the groups final statement.

Audio/Visual

Beverage

Notes

Catering Manager: Dayna Swenson

Method of Payment: DB

Can the on-site contact make adjustments to room layout or actual room used, additional audio visual or food and beverage increases per contract. MJA

Due to health codes, the Courtyard by Marriott is not able to allow any non-consumed food or beverage to leave the conference space. By initialing, I understand and agree to these items. MJA

Mary Jo Anderson 8/20/10

Account's Authorized Signature Date

Hotel Signature Date

BEO#: 235301

Courtyard by Marriott Moorhead

1080 28th Avenue SouthMoorheadMN56560
Phone: 218-284-5023 Email: fernow@raymondteam.com

Banquet Event Order

Account:	Board of Water & Soil Resources - BWSR		
Description:		**Business Dates:**	Tuesday, 8/24/10 - Thursday, 8/26/10
Address:	Board of Water & Soil Resources - BWSR	**Payment Method:**	
	520 Lafayette Road	**Contact:**	Mary Jo Anderson
		Phone:	651-297-4290
		Fax:	
	St. Paul, Minnesota 55155	**E-mail:**	Mary.Jo.Anderson@state.mn.us
		Sales Manager:	Sandy Fernow

Event Details

Date	Time		Event Name	Event Type	Agreed Attendance	GTD Attendance	Room	Room Rental
8/25/2010	7:30 AM	8:15 AM	Break	Break	60		Parlors	0.00
8/25/2010	8:00 AM	8:30 AM	Meeting	Meeting	60		Parlors	100.00

The following food, gratuity and audio visual items are subject to 6.875% state tax. The following alcoholic beverages are subject to 9.375% state tax. All items are subject to 15% service charge. Guaranteed number of people must be received 3 business days prior to the event date. Note: Selected entrée may not be available after this time.

Menu

Served at 7:30am
Fresh Brewed Coffee- Gallon

3 at $18.99 = $56.97

Group will just have a quick information meeting before leaving for the day on a bus tour.

Set Up

Crescent Round of 8

Registration Table
(with 2 chairs and waste basket)

Water Station

Additional set up fees will apply for any major set up changes after room has been set as listed above.

All signs and banners that need to be attached to meeting room walls, need to be placed by Courtyard by Marriott staff. Any damage sustained due to failure to comply with this will be charged to the groups final statement.

Audio/Visual

Portable Upright Podium

Podium Gooseneck Microphone

Beverage

Mary Jo Anderson 8/11/10

Account's Authorized Signature Date

Hotel Signature Date

BEO#: 235301

Notes
Catering Manager: Dayna Swenson **Method of Payment:** DB Can the on-site contact make adjustments to room layout or actual room used, additional audio visual or food and beverage increases per contract. mja Due to health codes, the Courtyard by Marriott is not able to allow any non-consumed food or beverage to leave the conference space. By initialing, I understand and agree to these items. mja

Mary Jo Anderson 8/11/10

Account's Authorized Signature Date

Hotel Signature Date

BOARD OF WATER AND SOIL RESOURCES
INTERNAL REQUEST FOR GOODS OR SERVICES

VENDOR	**NAME** Courtyard by Marriott	SHIPTO	**NAME** MN Board of Water and Soil Resources
	ADDRESS 1080 28th Avenue South		**ADDRESS** 520 Lafayette Road North
	CITY, STATE, ZIP Moorhead, MN 56560		**CITY, STATE, ZIP** St. Paul, MN 55155
REMITTO	**NAME**	BILLTO	**NAME** MN Board of Water and Soil Resources
	ADDRESS		**ADDRESS** 520 Lafayette Road North
	CITY, STATE, ZIP		**CITY, STATE, ZIP** St. Paul, MN 55155

CONTRACT NO.

LINE NO.	COMMODITY CODE	UNIT(S) ORDERED	DESCRIPTION	UNIT	UNIT PRICE $	DISCOUNT $	TOTAL PRICE
1		1	King Suite w/meeting room for 8/24/10	RM	159.00		$ 159.00
2		25	Sleeping rooms for 8/24/10	RM	70.00		$ 1,750.00
3		25	Breakfast for Members and Staff 8/25/10	EA	7.99		$ 199.75
4		1	King Suite w/meeting room for 8/25/10	RM	159.00		$ 159.00
5		25	Sleeping rooms for 8/25/10	RM	70.00		$ 1,750.00
6		1	Meeting Room - Parlors - 8/25/10	RM	100.00		$ 100.00
7		25	Breakfast for Members and Staff 8/26/10	EA	7.99		$ 199.75
8		1	Meeting Room = for Board Meeting 8/26/10	RM	200.00		$ 200.00
9		2	Coffee for morning of 8/25/10	GAL.	18.99		$ 37.98
10		2	Coffee for Board Meeting 8/26/10	GAL.	18.99		$ 37.98
			Breakfast and coffee 15% service charge				$ 71.32
			Breakfast and coffee 6.5% sale tax				$ 30.91
			SUBTOTAL				$ 4,695.69
			SALES TAX for lodging 9.875%				$ 377.03
			GRATUITY				$ -
						TOTAL:	$ 5,072.72

ORDERED BY:
Mary Jo Anderson

DATE:
5/7/2010

PHONE NUMBER:
651-297-4290

SUPERVISOR APPROVAL:

DATE:
6/4/10

Canoe & Kayak Rentals

Ride the Red

Experience the Red River in downtown Fargo-Moorhead first-hand! Canoes and kayaks are available for rent at the S.S. Ruby dock during regular operating hours. You can paddle the waters of the Red River without transporting your own canoe or kayak.

Rental Information

Single and tandem kayaks and canoes in various sizes are available. Rentals include paddles and personal flotation devices (PFDs). PFDs must be worn at all times.

Cost

Rent a canoe or kayak for $7/ hour.

RIVER KEEPERS
325 7th St. South
Fargo, ND 58103

Red River Boat Tours
Canoe & Kayak Rentals

See the Red River from a different view. Take a pontoon boat tour on the S.S. Ruby or rent a canoe or kayak. River Keepers in Fargo-Moorhead is your source for Red River recreation.

Boat Tours

Ride the S.S. Ruby

Discover the history, geography and wildlife of the Red River from the decks of the S.S. Ruby during a 45-minute narrated boat tour.

Safety First

S.S. Ruby is U.S. Coast Guard approved and regularly inspected for safety. A captain licensed by the U.S. Coast Guard operates the S.S. Ruby. A variety of safety equipment, including personal flotation devices are on board for passenger safety and comfort.

S.S. Ruby
The Gem of the North

Departure

Passengers board the S.S. Ruby under the 1st Avenue North bridge, adjacent to the Hjemkomst Center, 202 1st Avenue North, Moorhead, MN.

Regular Operating Hours

Tuesdays & Fridays 5–8:00 p.m.
Saturdays & Sundays 1–8:00 p.m.
Memorial Day weekend—Labor Day weekend

All tours depart at the top of the hour, every hour. Schedule is subject to change based upon weather and river conditions. Reservations optional.

Ticket Prices

Adult	*$7.00*
Senior (63+)	*$6.00*
Junior (5–17)	*$4.00*
Children (4 & under)	*No charge*

Reservations

701-793-RUBY

Charter Tours

The S.S. Ruby can be reserved for private tours any day of the week! Have your next special occasion aboard the S.S. Ruby. Charters can be reserved for $89 per hour.

Reserve a tour for

- Birthday parties
- Family reunions
- Company outings
- Anniversary parties
- Field trips
- Organization meeting

Contributors

Houston Engineering, Inc.
City of Moorhead
City of Fargo
Fargo Park District
Fargo-Moorhead Convention & Visitors Bureau

RIVER KEEPERS

The S.S. Ruby is owned and operated by River Keepers.

"Promoting a renewed vis... for the Red River of the North."

BWSR Summer Tour
Wednesday, August 25, 2010
Tour Agenda

8:00 AM-Welcome, Overview of Tour Itinerary, Bruce E. Albright, BRRWD Administrator-Courtyard by Marriott, Moorhead

8:30 AM-Promptly Depart on Coach Bus from Courtyard by Marriott

- Clay County Ditch Nos. 30, 41, 47, and 50 Urban Improvements
- City of Moorhead/Buyouts/Urban Drainage/Stormwater Retention
- Wolverton Creek/Comstock Coulee CWL Project
- *Ken Hodnefield EWP Project

*9:30 AM-Fort Abercrombie/Morning Break

*10:00 AM-Lower OtterTail Clean Water Legacy Project, Wilkin County SWCD

- Living Snow Fence
- Manston Slough Restoration Project
- South Branch of the Buffalo River Restoration Project
- Lawndale Trout Stream Restoration-Presented by Luther Aadland, DNR
- Deerhorn Creek Flood Control Levees

12:00 Noon-Lunch, Galaxie Supper Club, Barnesville

12:45 PM-Presentation on Applications of LiDAR
Chuck Fritz, International Water Institute
Erik S. Jones, Engineer, Houston Engineering, Inc.

1:30 PM-Board Coach Bus

- Whisky Creek Tributaries Project
- *Hay Creek/Stinking Lake Sediment Retention Project, Brad Grant, Becker SWCD
- Boyer/LaBelle Lakes Highwater Outlet

*3:00 PM, Hamden Slough National Wildlife Refuge/Afternoon Break

*4:00 PM-Hawley Buffalo River Restoration Project/Dave Friedl, DNR

- Brantner Wetland Bank/Pilot Grazing Site-Kevin Kassenborg, Clay SWCD
- Oakport Flood Mitigation

*6:00 PM-Dinner, Rustic Oaks

8:00 PM-Board Coach Bus, Return to Courtyard by Marriott, Moorhead

8:15 PM-Arrive at Courtyard by Marriott

* Denotes Bus Stops

BWSR Summer Tour
Tuesday, August 24, 2010
Tour Agenda

5:30 PM-Arrive Courtyard by Marriott, Moorhead

5:45 PM-Depart Courtyard by Marriott to Hjemkomst Center

6:00 PM-Supper at Heritage Hjemkomst Center (catered by Antony's, Dilworth)
Welcome-Mayor Voxland, City of Moorhead
Lance Yohe, Executive Director, Red River Basin Commission
Bruce E. Albright, Administrator, Buffalo-Red River Watershed District
Movie during supper: "Building of The Ship"

7:00 PM-Group A-River Keepers Pontoon Tour of Red River of the North
Group B-Tour Heritage Hjemkomst Center/Clay County Historical Museum

8:00 PM-Group B-River Keepers Pontoon Tour of Red River of the North
Group A-Tour Heritage Hjemkomst Center/Clay County Historical Museum

9:00 PM- Return to Courtyard by Marriott

Board of Water & Soil Resources Tour
Wednesday, August 25, 2010

8:00 AM-Welcome, Overview of Tour Itinerary, Bruce E. Albright, BRRWD Administrator-Courtyard by Marriott, Moorhead

8:30 AM-Promptly Depart on Coach Bus from Courtyard by Marriott

- Clay County Ditch Nos. 30, 41, 47, and 50 Urban Improvements
- City of Moorhead/Buyouts/Urban Drainage/Stormwater Retention
- Wolverton Creek/Comstock Coulee CWL Project
- *Ken Hodnefield EWP Project

*9:30 AM-Fort Abercrombie/Morning Break

*10:00 AM-Lower OtterTail Clean Water Legacy Project, Wilkin County SWCD

- Living Snow Fence
- Manston Slough Restoration Project
- South Branch of the Buffalo River Restoration Project
- Lawndale Trout Stream Restoration-Presented by Luther Aadland, DNR
- Deerhorn Creek Flood Control Levees

12:00 Noon-Lunch, Galaxie Supper Club, Barnesville

12:45 PM-Presentation on Applications of LiDAR
Chuck Fritz, International Water Institute
Erik S. Jones, Engineer, Houston Engineering, Inc.

1:30 PM-Board Coach Bus

- Whisky Creek Tributaries Project
- *Hay Creek/Stinking Lake Sediment Retention Project, Brad Grant, Becker SWCD
- Boyer/LaBelle Lakes Highwater Outlet

*3:00 PM, Hamden Slough National Wildlife Refuge/Afternoon Break

*4:00 PM-Hawley Buffalo River Restoration Project/Dave Friedl, DNR

- Brantner Wetland Bank/Pilot Grazing Site-Kevin Kassenborg, Clay SWCD
- Oakport Flood Mitigation

*6:00 PM-Dinner, Rustic Oaks

8:00 PM-Board Coach Bus, Return to Courtyard by Marriott, Moorhead

8:15 PM-Arrive at Courtyard by Marriott

* denotes bus stops

BOARD OF WATER AND SOIL RESOURCES
INTERNAL REQUEST FOR GOODS OR SERVICES

VENDOR	NAME ~~River~~ Red River Trails ATTENTION: Greg Nord	SHIPTO	NAME MN Board of Water and Soil Resources
	ADDRESS 4838 Highway 75 South		ADDRESS 520 Lafayette Road North
	CITY, STATE, ZIP Moorhead, MN 56560		CITY, STATE, ZIP St. Paul, MN 55155
REMITTO	NAME	BILLTO	NAME MN Board of Water and Soil Resources
	ADDRESS		ADDRESS 520 Lafayette Road North
	CITY, STATE, ZIP		CITY, STATE, ZIP St. Paul, MN 55155

CONTRACT NO.

LINE NO.	COMMODITY CODE	UNIT(S) ORDERED	DESCRIPTION	UNIT	UNIT PRICE $	DISCOUNT $	TOTAL PRICE
1		1	Coach Bus on 8/25/10 for Board Tour	EA	750.00		$ 750.00
			depart Courtyard by Marriott in Moorhead ~ 8:00 AM				$ -
			return ~ 5:00 PM				$ -
							$ -
							$ -
			per Greg Nord 4/8/10				$ -
							$ -
							$ -
							$ -
							$ -
							$ -
							$ -
							$ -
			SUBTOTAL				$ 750.00
			SALES TAX (only for catering or lodging)				$ -
			GRATUITY				$ -

ORDERED BY: Mary Jo Anderson	DATE: 4/29/2010	SUPERVISOR APPROVAL: Jo C Anderson	DATE: 6/4/10
PHONE NUMBER: 651-297-4290			

TOTAL: $ 750.00

Rustic Oaks
12155 3rd St. S
Moorhead, MN 56560
Web: www.rusticoaks.net
Email: rusticoaks@live.com
Phone: 218-343-0347

Invoice

Minnesota Board of Water and Soil Resources (BWSR) Summer Tour

Attn: Leah Thvedt

Date	Service	Amount	Rate	Total
8-25-10	Venue			$560
8-25-10	Non-Profit Discount			-$360
8-25-10	Catering	70 people	$19.50/person	$1,365
8-25-10	Linens	9	$5	$45
8-25-10	Taxes, Setup, Gratuity	Included	Included	$0
	Grand Total			**1,610**

Thank you for gathering at Rustic Oaks;
we were happy to host your event!

Emily Gilbertson
Rustic Oaks Event Coordinator

Bids for Coach Bus for Board Tour August 25th

1) Richards Transportation
Jennifer 218-233-3404
$975.00

2) Jefferson Lines
Heidi 612-359-3416
$900.00

3) Red River Trails
Greg 218-299-5665
$750.00

FOR YOUR INFORMATION

August 26, 2010

- **BWSR Board Member Listing Updated**

- **BWSR Committees Updated**
  (Joe Martin is leaving the Department of Agriculture in late August 2010. Rob Sip has been appointed to serve as the official MDA representative.)

- **BWSR Staff Phone Listing Updated**

- **BWSR "Snapshots"**

MINNESOTA BOARD OF WATER AND SOIL RESOURCES
520 LAFAYETTE ROAD NORTH
ST. PAUL, MINNESOTA 55155
Phone: 651-296-3767 Fax: 651-297-5615

Appointed Members	*Appointment Designation*	*Term Expires*	*Telephone/Fax/Cell*	
Randy Kramer, Chair 42808 County Road 11, Bird Island, MN 55310	**Citizen** rlkramer@westtechwb.com	01-03-11	320-365-3094 320-365-4784	*Home* *Office*
Paul Brutlag 27113 County Road 11, Wendell, MN 56590	**Citizen** brutlagp@runestone.net	01-02-12	218-458-2113 320-589-4151	*Home* *Office*
John Meyer 18689 Highway 248, Rollingstone, MN 55969	**Citizen** quarry@ridge-runner.com	01-07-13	507-689-2612 507-689-2457	*Home* *Office*
Quentin Fairbanks 16374N Blackduck Road NE, Hines, MN 56647	**Co. Commissioner** quentin@paulbunyan.net	01-03-11	218-835-4184 218-679-3378 218-553-0433	*Home* *Fax* *Cell*
Tom Loveall 39290 200th St., Winnebago, MN 56098	**Co. Commissioner** Tomcat56098@yahoo.com	01-07-13	507-854-3572 507-854-3300	*Home* *Office*
Brian Napstad 51227 Long Point Place, McGregor, MN 55760	**Co. Commissioner** bnapstad@yahoo.com	01-06-14	218-426-3008 218-426-4662	*Home* *Office*
Robert Burandt 1340 Waconia Pkwy. S., Waconia, MN 55387	**SWCD** rlburandt@gmail.com	01-07-13	952-442-4216	*Home*
Paul Langseth 35505 280th St., Worthington, MN 56187	**SWCD** paul.langseth@gmail.com	01-06-14	507-360-5844 507-376-5686	*Office* *Home*
Louise Smallidge 10992 Point Douglas, Hastings, MN 55033	**SWCD** Choregirl2@juno.com	01-02-12	651-459-5600 651-983-4497	*Home* *Cell*
Gordon Behm 13851 Diamond Shores Road, Atwater, MN 56209	**Watershed** gbehm@frontiernet.net	01-03-11	320-974-8242 320-979-0737	*Home* *Cell*
Gene Tiedemann 13099 310th Ave., SW, Euclid, MN 56722	**Watershed** gtiedemann@rrv.net	01-06-14	218-289-3511 218-281-6723	*Office* *Home*
LuAnn Tolliver 14801 Wychewood Road, Minnetonka, MN 55345	**Watershed** mltolly@aol.com	01-02-12	952-938-6749 952-221-9796	*Home* *Office*
Sandra Hooker 14418 618th Avenue, Mapleton, MN 56065	**Townships** sandy.hooker@mntownships.org	01-02-12	507-869-3114	*Home*
Christy Jo Fogarty 18946 Excalibur Trail, Farmington, MN 55024	**Metro City** cfogarty@charter.net	01-07-13	651-460-8057 612-867-8875	*Home* *Work*
Keith Mykleseth 532 Summit Avenue, Crookston, MN 56716	**Non-Metro City** kmykleseth@tnc.org	01-03-11	218-281-1801 218-637-2146	*Home* *Work*

State Agency Members:			
Rob Sip Freeman Office Bldg., 625 Robert St. N., St. Paul, MN 55155 Rob.sip@state.mn.us	**Department of Agriculture**	651-201-6487 651-201-6120	*Office* *Fax*
John Linc Stine P.O. Box 64975, St. Paul, MN 55164-0975 john.stine@state.mn.us	**Department of Health**	651-201-5063 651-201-4986	*Office* *Fax*
Larry Kramka 500 Lafayette Road, St. Paul, MN 55155 Larry.Kramka@state.mn.us	**Department of Natural Resources**	651-259-5033 651-296-4799	*Office* *Fax*
Faye Sleeper Room 173 McNeal Hall, 1985 Buford Avenue, St. Paul, MN 55108 fsleeper@umn.edu	**U of M/Water Resources Center**	612-624-3738 612-625-1263	*Office* *Fax*
Rebecca Flood 520 Lafayette Road, St. Paul, MN 55155 Rebecca.Flood@state.mn.us	**Pollution Control Agency**	651-757-2022 651-296-7923	*Office* *Fax*

8/18/10

BOARD OF WATER AND SOIL RESOURCES
COMMITTEES
August 2010

ADMINISTRATIVE ADVISORY COMMITTEE

Membership:	Randy Kramer, chair	citizen
	Paul Brutlag, vice-chair	citizen
	Louise Smallidge	soil & water conservation district
	Brian Napstad	county commissioner
	LuAnn Tolliver	watershed district/WMO
	John Jaschke	staff
	Mary Jo Anderson	staff

Responsibility:

The administrative advisory committee consists of the Board's chair and vice-chair and the chairs of the Board's standing committees. The administrative advisory committee will make evaluations and recommendations to the Board on various Board issues including ethics; expenses/per diem; bylaws; and legislation and budgets. The Administrative Advisory Committee will act as the personnel committee for personnel actions relating to the Board's executive director. The chairman may include additional members ad hoc to address special or unique topics or issues.

Meetings: *The committee will meet at the call of the chair.*

DISPUTE RESOLUTION COMMITTEE (DRC)

Membership:	Randy Kramer, chair	citizen
	Paul Brutlag	citizen
	LuAnn Tolliver	watershed district/WMO
	Quentin Fairbanks	county commissioner
	Louise Smallidge	soil & water conservation district
	Travis Germundson	staff lead

Responsibility:

The DRC is responsible for appeals relating to the Wetland Conservation Act rule decisions of local governments, watershed district rule and permit decision appeals, and, under MS103A.301, determinations of water law and policy. The authority of the DRC is established in statute and assigned to the DRC by the Board. Under current guidelines the DRC receives the appeals; hears the issues; and makes recommendations to the Board.

Meetings:

The Committee will meet as needed to process appeals that have been filed with the Board.

GRANTS PROGRAM AND POLICY COMMITTEE

Membership:		
	Louise Smallidge, chair	soil & water conservation district
	Bob Burandt	soil & water conservation district
	Paul Langseth	soil & water conservation district
	John Meyer	citizen
	Gene Tiedemann	watershed district/WMO
	Christy Jo Fogarty	metro cities
	Keith Mykleseth	non-metro cities
	Rebecca Flood	Pollution Control Agency
	Faye Sleeper	University of Minnesota Extension
	Wayne Zellmer	staff lead
	Julie Blackburn	SMT staff

Responsibility:

The committee is responsible for reviewing cost-share, non-point engineering, clean water legacy, natural resources block grants, local water management challenge grants and services grants allocations, policies, and rules and making recommendations to the Board.

Meetings:

The committee will meet at least two times a year; once prior to the June allocation of cost-share (feedlots, general and special projects); non-point engineering; and services grants.

PUBLIC RELATIONS, OUTREACH AND STRATEGIC PLANNING COMMITTEE

Membership:		
	Brian Napstad, chair	county commissioner
	John Meyer	citizen
	Louise Smallidge	soil & water conservation district
	LuAnn Tolliver	watershed district/WMO
	Sandy Hooker	townships
	Christy Jo Fogarty	metro cities
	Keith Mykleseth	non-metro cities
	John Linc Stine	Department of Health
	Faye Sleeper	University of Minnesota Extension
	Jon Fure	staff lead
	Steve Woods	SMT staff

Responsibility:

The Public Relations, Outreach and Strategic Planning Committee is responsible for the development of strategic and outreach strategies and plans for the Board including identification of key outcomes, partnerships and opportunities.

Meetings: *Committee will meet twice a year or at the call of the chair.*

RIM RESERVE MANAGEMENT PLANNING COMMITTEE (RRMPC)

Membership:		
	Paul Brutlag, chair	citizen
	Randy Kramer	citizen
	Gordon Behm	watershed district/WMO
	Tom Loveall	county commissioner
	Gene Tiedemann	watershed district/WMO
	Bob Burandt	soil & water conservation district
	Paul Langseth	soil & water conservation district
	John Linc Stine	Department of Health
	Rob Sip	Department of Agriculture
	Larry Kramka/Wayne Edgerton	Department of Natural Resources/Alternate
	Kevin Lines	SMT staff

Responsibility:

The RRMPC is responsible for overseeing all aspects of the Reinvest in Minnesota (RIM) Reserve conservation easement program; for reviewing RIM Reserve Program statutes (103F.515), rules, policies, guidelines, payment rates and projects; for developing the strategic plans, operational partnerships, opportunities to enhance the agency's conservation easements and related programs; and for making the resulting recommendations to the Board.

Meetings:

The committee will meet, as called by the BWSR chair or the RRMPC chair upon consulting with the Conservation Easement Section Manager, to assure that conservation easement programs are meeting desired outcomes identified by the BWSR.

WETLANDS COMMITTEE

Membership:		
	LuAnn Tolliver, chair	watershed district/WMO
	Paul Brutlag	citizen
	Gordon Behm	watershed district/WMO
	Tom Loveall	county commissioner
	Brian Napstad	county commissioner
	Quentin Fairbanks	county commissioner
	Sandy Hooker	townships
	Larry Kramka	Department of Natural Resources
	Rob Sip	Department of Agriculture
	Rebecca Flood	Pollution Control Agency
	Les Lemm	WCA Coordinator, staff lead
	Dave Weirens	SMT staff

Responsibility:

The Wetlands Committee is responsible for reviewing Wetland Conservation Act (WCA) and wetland banking rules, policies, guidelines and projects and making recommendations to the Board.

Meetings: *The committee will meet twice during the year or at the call of the chair.*

WATER PLANNING and COMPREHENSIVE WETLAND PLAN REVIEW COMMITTEES: NORTHERN/SOUTHERN/METRO

Membership: *The committee consists of Board Members from the BWSR administration regions – metro, north, and south.*

Chairs: *north – Quentin Fairbanks*
south – Paul Langseth
metro – Bob Burandt

North (4)
Quentin Fairbanks - CC
Paul Brutlag – CIT
Gordon Behm - WD
Brian Napstad – CC
Keith Mykleseth – NMC
Gene Tiedemann – WD
Wayne Edgerton – DNR
Ron Shelito, SMT staff

South (4)
Paul Langseth - SWCD
Tom Loveall – CC
Randy Kramer – CIT
John Meyer - CIT
Sandy Hooker – TWP
Rob Sip – MDA
Dan Wilson - MDH
Jeff Nielsen, SMT staff

Metro (3)
Bob Burandt – SWCD
Louise Smallidge – SWCD
LuAnn Tolliver – WD
Faye Sleeper – UM/Extension
Christy Jo Fogarty - MC
Rebecca Flood – PCA
Jim Haertel, SMT staff

Responsibility:

The committee has the responsibility to review county water plans, water management organization plans, watershed district overall plans, comprehensive wetland plans, and amendments to same and to advise the Board on the adequacy of the plans.

Meetings:

*The committee will meet as necessary to review the local plans and amendments. A **majority** of the committee members must be present. The BWSR northern, southern, and metro regional supervisors will coordinate meeting schedules with members.*

CC = county commissioner
CIT = citizen
SWCD = soil and water conservation district
WD = watershed district
WMO = watershed management organization
MC = metro cities
NMC = non-metro cities
TWP = townships

STATUTORY COMMITTEES

Committee: Committee on Wells and Borings

Membership: Eric Mohring, staff lead; Board members assigned by Chairman as needed

Responsibility:

Interest and availability with regard to Advisory Council on Wells and Borings and Pesticide Advisory Committee. Policy issues will be brought before the Board for discussion as a new business agenda item.

Meetings: *The committee will meet when necessary.*

GENERAL COMMITTEE MEETING SCHEDULE

The Board has adopted a resolution that ***committees shall schedule meetings in conjunction with monthly Board meetings as much as possible.*** *A majority of each committee's membership should be available for a scheduled meeting. The committee chair and staff are expected to develop an agenda and staff are responsible for keeping minutes of the committee proceedings. The committee meetings are considered to be* ***public meetings*** *under the open meeting law and therefore must be noticed in the same manner as regular board meetings. All committee agendas should be e-mailed to Mary Jo Anderson for appropriate notice posting.*

Advisory members have offered to serve and may serve on BWSR committees as non-voting members and provide assistance as needed.

Advisory members:

Local Government Partners

- *Association of Minnesota Counties (AMC) – Annalee Garletz, Policy Analyst*
- *Minnesota Association of Conservation District Employees (MACDE) – Felicia Brockoff, President*
- *Minnesota Association of Soil & Water Conservation Districts (MASWCD) – LeAnn Buck, Executive Director*
- *Minnesota Association of Townships (MAT) – Sandy Hooker, Director*
- *Minnesota Association of Watershed Districts (MAWD) – Ray Bohn, Executive Director*
- *Minnesota County Planning and Zoning Administrators (MCPZA) – Jane Starz, President*
- *League of Minnesota Cities (LMC) - Jim Miller, Executive Director*

Federal Partners

- *U.S. Army Corps of Engineers (USACoE) – Tamara Cameron, Chief of Regulatory Branch*
- *U.S. Fish and Wildlife Service (USF&WS) – Tom Melius, Regional Director*
- *USDA Farm Services Agency (FSA) – Glenn Schafer, Acting Executive Director*
- *USDA Natural Resources Conservation Service (NRCS) – Tim Koehler, Assistant State Conservationist*

State Agencies

- *Met Council – Bill Moore, General Manager/Environmental Services Division*
- *Minnesota Department of Transportation (MNDOT) – Frank Pafko, Director/Environmental Services*

Interest Partners

- *Allete Minnesota Power – Blake Francis, Supervisor/Water Quality & Waste Management Division*
- *Audubon Minnesota – Mark Peterson, Executive Director*
- *Builders Association of the Twin Cities – James Vagle, Senior Public Affairs Representative*
- *Fish and Wildlife Legislative Alliance – Lance Ness*
- *Iron Mining Association of Minnesota – Craig Pagel, President*
- *Izaak Walton League – Gary Schwartz, National Director*
- *Minnesota Agricultural Water Resources Coalition – Warren Formo, Director*
- *Minnesota Agri-Growth Council – Daryn McBeth, President*
- *Minnesota Association of Realtors – Heather VanValkenburg, Director/Governmental Affairs*
- *Minnesota Association of Wheat Growers – Dave Torgerson, Executive Director*
- *Minnesota Barley Research & Promotion Council – Marv Zutz, Executive Director*
- *Minnesota Cattlemen's Association – Ted Reichmann, President*
- *Minnesota Center for Environmental Advocacy – Scott Strand, Advocacy Director*
- *Minnesota Conservation Federation – Gary Botzek*
- *Minnesota Corn Growers Association – Tim Gerlach, Executive Director*
- *Minnesota Ducks Unlimited – Ryan Heiniger, Director of Conservation Programs*
- *Minnesota Environmental Partnership – Steve Morse, Executive Director*
- *Minnesota Farm Bureau Federation – Kevin Paap, President*
- *Minnesota Farmers Union – Doug Peterson, President*
- *Minnesota Land Trust – Jane Prohaska, Executive Director*
- *Minnesota Milk Producers Association – Bob Lefebvre, Executive Director*
- *Minnesota Native Wildflowers/Grass Producers Association – Bill Olson, President*
- *Minnesota Pork Producers Association – Dave Preisler, Executive Director*
- *Minnesota Sierra Club – John Hottinger, Chapter Chair*
- *Minnesota Soybean Growers Association – Jim Palmer, Executive Director*
- *Minnesota Timber Producers Association – Wayne Brandt, Executive Vice-President*
- *Minnesota Turkey Growers Association – Steve Olson, Executive Director*
- *Minnesota Viewers Association – Ron Ringquist, Secretary/Treasurer*
- *Minnesota Waterfowl Association – Brad Nylin, Executive Director*
- *Minnesota Waters – Marian Bender, Executive Director*
- *Minnesota Wetland Professionals Association – Scott Milburn, Vice President*
- *Pheasants Forever – Matt Holland, Field Supervisor*
- *Red River Valley Sugarbeet Growers Association, Nick Sinner, Executive Director*
- *The Nature Conservancy – Tom Landwehr, Assistant State Director*
- *Urban Wetland Management Coalition – Cliff Aichinger*
- *Wetlands for Minnesota (Bankers) – Mike Whitt, Interim President*

PHONE NUMBERS FOR BWSR STAFF

Main Line: 651-296-3767 – FAX: 651-297-5615 – BWSR Conf. Room: 651-297-8025

Central Office

Anderson, Mary Jo	297-4290
Blackburn, Julie	297-5617
Cell (651) 308-8647	
Bonde, Karen	297-3998
Buckhout, Don	296-0768
Cabak, Mitchell	296-1243
DeVoe, Natasha	205-4664
Donnelly, Conor	282-3815
Cell (612) 408-7002	
Engineers Cell Phone	485-8466
Eisele, Bill	282-2929
Fredbo, Tim	296-0880
Fure, Jon	296-0884
Germundson, Travis	297-4958
Girolamo, Dan	215-1703
Cell (507) 390-4005	
Hubbell, Dianne	296-0873
Jaschke, John	296-0878
Cell (612) 202-3815	
Johnson, Sherri	296-3767
Kean, Al	297-2907
Cell (651) 245-6531	
Keating, Kari	297-8029
Larson, Greg	297-7029
Cell (612) 751-3060	
Lemm, Les	296-6057
Cell (651) 341-4208	
Lennon, Megan	296-1285
Lewis, Michelle	296-2428
Lines, Kevin	297-1894
Luniewski, Jim	297-2622
Mack, Kristie	215-9420
Mohring, Eric	297-7360
Cell (612) 309-1173	
Ogg, Tim	297-8024
Cell (651) 295-5737	
Peterson, Joel	215-9008
Remick, Polly	297-4365
Senne, Paul	296-1278
Shaw, Dan	296-0644
Cell (612) 236-6291	
Sokatch, Char	297-4016
Spence, Aaron	296-0660
Straumanis, Sarma	297-7965
Strojny, Carol	297-1893
Cell (612) 518-5545	
Swenson, Karli	282-2600
Cell (612) 807-0445	
Weeks, Seth	296-1466
Weirens, Dave	297-3432
Cell (763) 229-4308	
Wenzel, Tom	296-0883
Cell (612) 720-1412	
Woods, Steve	297-7748
Cell (651) 402-6997	
Zellmer, Wayne	297-7361

Metro Office

Haertel, Jim	297-2906
Lewis, Melissa	297-4735
Peterson, Lynda	(612) 201-9806
Powell, Ken	296-0874
Westrick, Marcey	284-4153
Cell (651) 276-5976	
Wozney Brad	296-6068
Cell (651) 233-6673	

Southern Regional Offices

Lewiston

Ragan, Terry	(507) 523-2171
Cell (507) 450-3644	

Mankato

Fax #	(507) 345-6036
Hughes, Chris	(507) 389-6784
Cell (507) 381-5040	
Maul, Jeremy	(507) 389-1967
Cell (507) 380-4047	

Marshall

Fax #	(507) 537-6368
Cell Phone	(507) 829-3520
Hoek, Tabor	(507) 537-7260
Radel, Kane	(507) 537-7069
Cell (507) 430-6211	
Santjer, Scott	(507) 537-6097
Cell (612) 723-0298	
Serreyn, Roxie	(507) 537-6060
Sill, David	(507) 537-6374

New Ulm

Fax #	(507) 359-6018
Cell (507) 276-5386	
Becker Kudelka, Angie	(507) 359-6078
Cell (612) 616-5112	
Drewitz, Matt	(507) 359-6076
Cell (507) 766-5020	
Fischer, Tom	(507) 359-6091
Hedtke, Jeff	(507) 359-6092
Cell (651) 485-8470	
Hiles, Mark	(507) 359-6077
Nielsen, Jeff	(507) 359-6075
Swanson-Cullen, Carla	(507) 359-6074

Rochester

Fax #	(507) 285-7144
Erickson, Dorothy	(507) 206-2889
Kells, Mary	(507) 206-2890
Lawler, Stephan	(507) 206-2891
Cell (507) 696-3617	

Northern Regional Offices

Bemidji

Fax #	(218) 333-8025
Best, Bill	(218) 333-8026
Cell (218) 556-4686	
Dwight, Brian	(218) 333-8027
Cell (218) 820-2335	
Grundmeier, Brigitte	(218) 333-8024
Krystosek, Dale	(218) 333-8029
Cell (218) 820-9381	
Severts, Chad	(218) 333-8028
Cell (218) 368-0736)	

Brainerd

Fax #	(218) 828-6036
Conference Room	(218) 833-8607
Caughey, Donna	(218) 828-2383
Grow, Keith	(218) 828-6035
Cell (218) 820-3655	
Hrubes, Jeff	(218) 833-8608
Cell (218) 368-7683	
Overland, John	(218) 825-6807
Cell (218) 232-4852	
Shelito, Ron	(218) 828-2604
Cell (218) 820-3794	
Steward, Dan	(218) 828-2598
Cell (218) 820-1679	
Weinerman, Jason	(218) 828-6045
Cell (218) 330-2527	

Duluth

Fax #	(218) 723-4794
Flemming, Mary Jo	(218) 723-4752
Hughes, Ryan	(218) 723-4923
Cell (218) 940-9303	
Weyandt, Joan	(218) 723-4607
Cell (218) 349-1834)	

Fergus Falls

Fax #	(218) 736-7215
Hofstad, Steve	(218) 736-5445
Cell (218) 770-2767	ext 119
Waller, Pete	(218) 736-5445
Cell (218) 770-3802	ext 104

Detroit Lakes

Wilken, Bruce	(218) 329-0774

Updated 08/18/10

Minnesota Board of Water & Soil Resources

BWSR Snapshots

August 2010

Wetlands for the Future

By Keith Grow, North Region Wetland Specialist

I would venture to say that those of us who deal with the world of wetlands on a daily basis would agree that education is one of the key ingredients to a successful Wetland Conservation Act (WCA) program.

Traditionally, BWSR has focused its educational efforts on a wide range of clientele, but for all the obvious reasons hasn't dedicated much time to our future generation of landowners.

On May 21, 2010, BWSR staff consisting of Dale Krystosek, Senior Wetland Specialist; Jim Lemmerman, Forestry Specialist; Keith Grow, Wetland Specialist and Janet Smude, District Technician, Aitkin Soil and Water Conservation District, conducted a field day in Aitkin County for 60 middle school students and teachers from St. Francis of the Lakes Catholic School. The purpose of the field day was not only to introduce students to the functions and values of the different types of wetlands, but to impress upon the students a sense of stewardship. It was important to instill an awareness that as future landowners the care they give to our natural resources will have a lasting effect.

Jim Lemmerman shows how to identify a Norway Pine and explains how a type of tree can help you tell whether you are in a wetland or not

The field day included four concurrent 40 minute sessions and provided the students with the opportunity for a hands-on experience. The specific topics presented tied in with the required school curriculum. The topics included an identification of hydric soils and hydrology, wetland plants, wetland and upland tree species and water testing for temperature, turbidity, and PH.

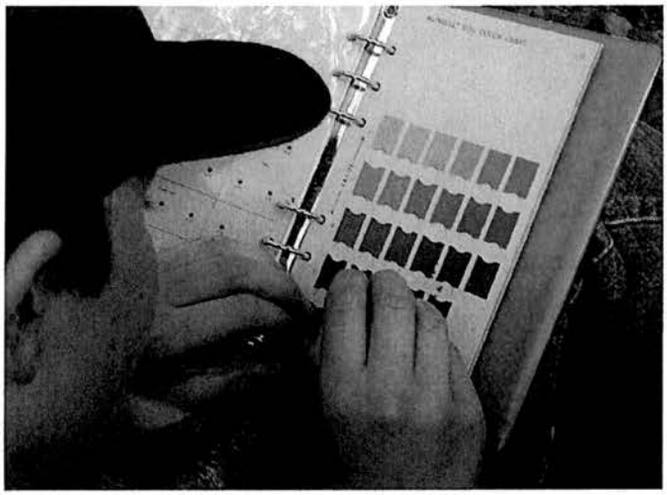
Janet Smude explains the water testing process

Testing the water

At the end of the day, each group was required to identify a wetland type, locate it on an aerial photo and discuss the wetland function and value to the watershed.

Keith Grow shows how to identify a wetland plant

Dale Krystosek explains how to identify wetland soils and hydrology



A future Wetland Specialist

Tying it all together at the end of the day

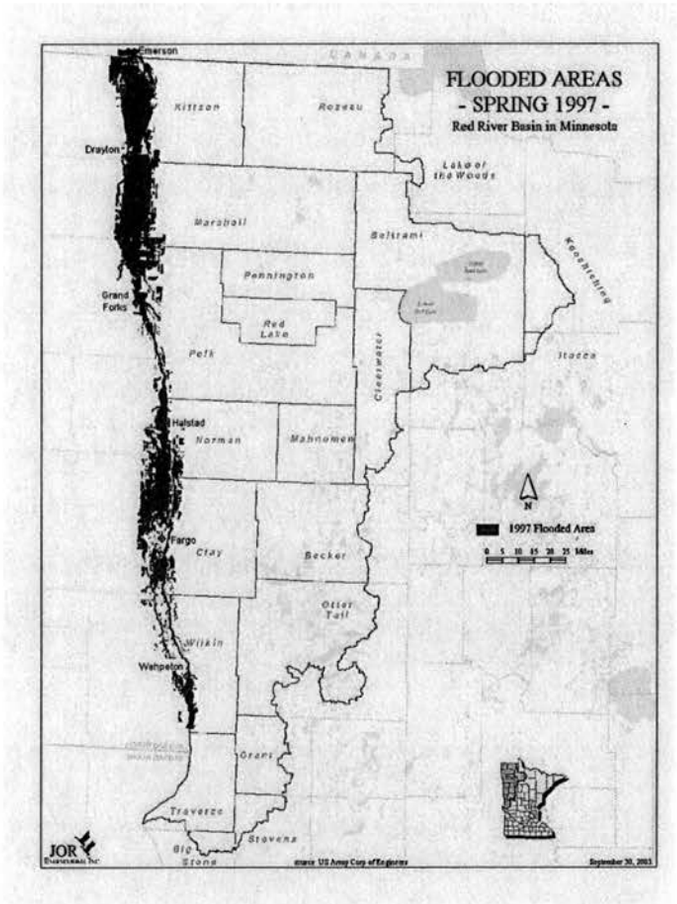
Red River Basin Flood Damage Reduction
by Al Kean, Chief Engineer

My perspective is that of a BWSR engineer member of the Technical and Scientific Advisory Committee (TSAC) for the Red River Basin Flood Damage Reduction (FDR) Work Group and a member of a Technical Advisory Committee for the Red River Basin Long Term Flood Solution (LTFS) Project. This includes co-authoring TSAC Technical Paper No. 11, "Red River Basin Flood Damage Reduction Framework, May 2004" and other TSAC technical papers about on-channel storage and culvert sizing for FDR.

Red River Basin flooding problems originate from Glacial Lake Agassiz, a large basin with a notably flat lake plain and main stem river that slopes gently to the north, upper watershed areas substantially higher in elevation than the lake plain, and some relatively steep beach ridge areas in between. Because the Red River runs north, snowmelt occurs first in the southern, upstream area of the basin and peak flows from major tributaries can be coincident with peak flows on the main stem as snowmelt and ice-out progresses northward. The largest flood of record was in 1826 prior to European settlement in the area. However, land use changes and development since settlement have increased and accelerated runoff, as well as the flood damage potential. The Red River Basin involves major agricultural production, with much agricultural land and several growing population centers in flood prone areas.

Flood damage reduction and flood risk management in the Red River Basin necessarily involve a combination

of measures including runoff reduction, temporary floodwater storage, channels, levees, relocations and associated measures. Many of these measures have been implemented to date. However, more widespread implementation of multipurpose measures is needed to substantially reduce agricultural, road and urban flood damages. Current analyses and discussions for the LTFS Project include temporary storage to reduce peak flood flows on the main stem by 20%. In the Bois de Souix Watershed District, which is at the headwaters of the Red River Basin, 26 current and potential flood storage projects have been identified to address local flooding problems and achieve a computed 20% reduction in peak flows on the main stem at the watershed outlet. Similar analyses are being conducted for other tributary watersheds in Minnesota and North Dakota for the LTFS Project. Different types and scales of multipurpose floodwater storage measures can include culvert sizing on drainage systems, wetland restorations, water and sediment control basins, and on-channel and off-channel impoundments. Although gated storage provides the greatest potential to avoid coincidence of flood peaks and to operate for in-stream flows and water supply, there are differing opinions about taking on associated requirements for operation and the ability to predict optimum operation for each flood.



Congressman Collin Peterson has spoken in support of federal cost-share through the 2012 Farm Bill ($50M per year for ten years) to help construct temporary storage in the Red River Basin (approximately 1 million acre-feet). A special project designation is envisioned for the Red River Basin like has occurred for the Chesapeake Bay Watershed or the Klamath River Basin in Oregon. This would involve programs administered by the Natural Resources Conservation Service, which has become more involved in LTFS Project discussions. Don Baloun, NRCS State Conservationist, has also spoken in support of a special Wetland Reserve Program for the Red River Basin, involving more floodwater storage in wetland restorations (in addition to the current RIM/WRP partnership). This reportedly can be sought under the current Farm Bill and Wetland Reserve Program.

There are growing concerns about the Fargo-Moorhead flood control project lead by the Corps of Engineers, for which the locally preferred plan is a 36-mile diversion on the North Dakota side of the Red River. A key concern is the effect of accelerated flows and loss of floodplain storage in an upper part of the basin on downstream flood peaks. Recent results of analyses by the Corps indicate up to 29 inches of stage increase for the 50-year flood on the Red River in the reach near Climax, MN in Polk County, where the floodplain is more constricted than between Halstad and Fargo-Moorhead. This constricted reach is shown in the Flooded Areas – Spring 1997 map.

Ideally, a combination of federal, state and local programs could accelerate flood damage reduction in the Red River Basin. A combination example (albeit in a different topographic setting than the Red River Basin) is at Rochester, MN, where the NRCS built several dams on tributaries to the Zumbro River around Rochester and the Corps of Engineers built a flood control channel through Rochester, with state and local contributions. Although it can be difficult to define economic feasibility of flood-water storage distant from a damage center, integrating the multiple objectives of local and main stem flood damage reduction, as well as water quality improvement and water supply in the Red River Basin should help. Water quality is a growing concern in the Red River Basin, including tributary rivers, the main stem and Lake Winnipeg at its outlet. Water supply during droughts and for in-stream natural resources are also concerns. Integrated solutions are part of the discussions for the LTFS Project, including various types of structural and nonstructural measures.

Flooding problems in the Red River Basin are large, water quality concerns are growing and water supply concerns during drought periods are real. The LTFS Project has a major challenge and provides a key opportunity to identify an integrated long-term plan, based on current knowledge, recent LiDAR data, unsteady flow models and federal-state-local partnerships.

Cooperative Weed Management Area in Washington County

By Melissa Lewis, Board Conservationist

Washington Conservation District (WCD) received a 2008/2009 Cooperative Weed Management Area (CWMA) grant from BWSR. These grants focus on building CWMAs that are partnerships of federal, state and local government agencies along with tribes, individual landowners and various other interested groups to manage noxious weeds or invasive plants in a defined area. In Washington County, the WCD partnered with the Brown's Creek, Carnelian-Marine-St Croix, and Valley Branch Watershed Districts; Washington County Parks; and the cities of Mahtomedi, Lake Elmo, and Oak Park Heights. These partners all had on-going programs for addressing weeds, or established landowner assistance programs that could serve as primary and streamlined means of reaching landowners.

Weed wrench pre-removal

Over the two year grant, the WCD CWMA program provided funds to 13 landowners or projects to manage 2 acres each of poison ivy and garlic mustard, 14 acres of Grecian foxglove, 5 acres of reed canary grass (preliminary to a wetland restoration), 47 acres of initial buckthorn removal, and provide of 15 acres of buckthorn seedling regrowth treatment (in areas of previous removal). Additional funds were spent on durable supplies for ongoing work such as weed wrenches for loan to residents or partners, and educational materials and display. The remaining funds were used for staff time for program administration, landowner contacts, site monitoring and mapping. The $20,800 in grant funds leveraged $44,857 in local funds and in-kind work from landowner volunteers and local staff.

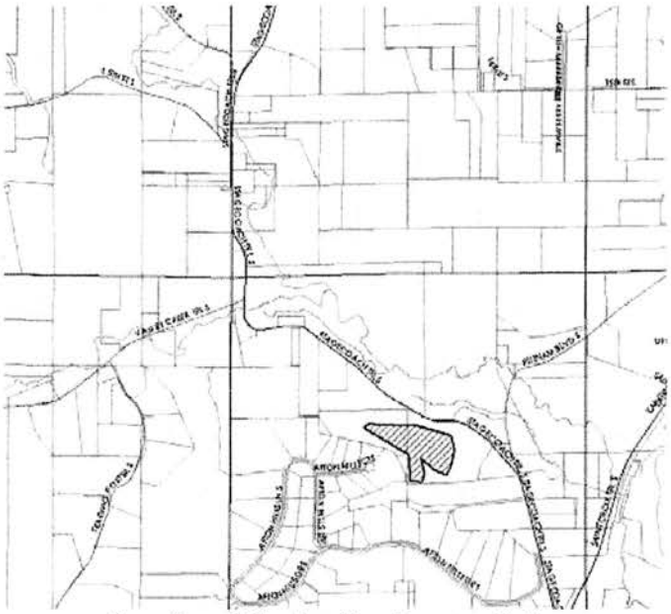
Weed wrench post-removal

One example of a successful project was in partnership with the Belwin Conservancy where 12+ acres of buckthorn and other invasive brush was removed to enable access to the understory for chemical treatment of Grecian foxglove. See http://www.mda.state.mn.us/en/plants/badplants/foxglove.aspx for additional information on Grecian foxglove. Additionally, the weed wrench loaner program has been an effective outreach tool, and innovative education efforts such as the display window at the WCD featuring various species during their bloom time have shown good results.

Weed wrench

Washington Conservation District
State Cost-Share Program
Belwin Conservancy- CWMA
Best Management Practice (BMP) Project Summary

Landowner: Belwin Conservancy
State Cost-Share Contract Number: 08-CWMA-09
State Cost-Share Encumbrance: $1000.00
Original Encumbrance Date: 5/13/09
Project Location: T28N R20W; SWNE and SENW Section 15
Watershed: 37064
Practice Type: CWMA 613, Brush management 314
Construction: August 2009
Total Construction Costs: $10,900.00
Requested Cost-Share Payment: $ 1000.00



Location of Grecian Foxglove population

Project Overview - This project involved clearing of 12+ acres of buckthorn and other invasive brush, to enable access to understory for chemical treatment of Grecian foxglove. Brush was cut and removed from site by contract crew. Foxglove and other invasive species (including spotted knapweed) were treated by Belwin Conservancy staff. This portion of the project was matched by invasive species control and restoration work at the Lake Edith site of Belwin Conservancy property.

Project installation was completed according to the project standards and specifications, and approved by the district technical representative.

Area cleared of buckthorn

10/5/09

Minnesota Board of Water & Soil Resources

DATE: September 13, 2010

TO: Board of Water and Soil Resources' Members, Advisors, and Staff

FROM: John Jaschke, Executive Director

SUBJECT: September 22, 2010 Board Meeting Notice

The Board of Water and Soil Resources (BWSR) will meet on Wednesday, September 22, 2010, beginning at 9:00 a.m. The meeting will be held in the lower level Board Room at 520 Lafayette Road N., St. Paul. Parking is available in the lot directly in front of the building (use hooded parking areas).

The following information pertains to agenda items:

COMMITTEE MEETINGS

Metro Water Planning Committee

1. **Bassett Creek WMO Plan Amendment -** A Plan Amendment to the Watershed Management Plan was filed with the Board on April 30, 2010. The draft Order contains a summary of the changes and the reviewing agencies' and city comments. No comments were received during the review process that resulted in substantial revisions to the draft Amendment. The Metro Water Planning Committee recommends approval of the Plan Amendment per the attached draft Order. ***DECISION ITEM***

2. **South Washington Watershed District Boundary Change Petition** - The South Washington Watershed District submitted a petition to the Board of Water and Soil Resources (Board) on May 27, 2010 pursuant to Minn. Stat. § 103B.215 to change the boundaries of the South Washington Watershed District and the Valley Branch Watershed District. The petition results from a mediated agreement. The Board has taken two previous actions in the past 16 months on this matter. The public noticed deadline to request a hearing or submit comments is September 15. If no hearing is requested, the Board is essentially required by statute to make a decision at the September 22nd Board meeting. The Metro Committee is scheduled to meet the day before the Board meeting to make a recommendation. A draft Board Order will be presented at the Board meeting if no hearing has been requested. See attached background information. ***DECISION ITEM***

NEW BUSINESS

1. **Recognition of Service – Randy Kramer –** ***INFORMATION ITEM***

Bemidji 701 Minnesota Ave., Suite 234 Bemidji, MN 56601 (218) 333-8024

Brainerd 1601 Minnesota Drive Brainerd, MN 56401 (218) 828-2383

Duluth 394 South Lake Ave., Room 403 Duluth, MN 55802 (218) 723-4752

Fergus Falls 1004 Frontier Drive Fergus Falls, MN 56537-2505 (218) 736-5445

Marshall 1400 East Lyon St., Box 267 Marshall, MN 56258 (507) 537-6060

Mankato 1160 Victory Drive S., Suite 5 Mankato, MN 56001-5358 (507) 389-1967

New Ulm 261 Highway 15 South New Ulm, MN 56073 (507) 359-6074

Rochester 2300 Silver Creek Rd N.E. Rochester, MN 55906 (507) 206-2889

Central Office / Metro Office 520 Lafayette Road North Saint Paul, MN 55155 Phone: (651) 296-3767 Fax: (651) 297-5615

www.bwsr.state.mn.us TTY (800) 627-3529 An equal opportunity employer

2. **Riparian Buffer Overview – *DISCUSSION ITEM***
   A. Riparian Buffer Purpose/Function/Priorities: e.g., widths - SE WI RPC Waters Edge pg. 10, studies - USGS MN River report
   B. Estimates and inventories on buffer status: statewide analysis and SE MN Inventory
   C. Requirements: a. Public Drainage Systems; b. Shoreland Rules/Ordinance
   D. Program Criteria and trends: Cost-Share, RIM Easements, CRP contracts

If you have any questions regarding the agenda, please feel free to give me a call at 651-296-0878. The Board meeting will adjourn before noon. I look forward to seeing you on September 22nd!

REMINDER: *As requested by Board Members at the August 26th Board Meeting, there will be a photo taken of the full Board immediately following adjournment of the Board Meeting – bring your smiles!*

BOARD OF WATER AND SOIL RESOURCES
520 LAFAYETTE ROAD N.
ST. PAUL, MINNESOTA 55155
WEDNESDAY, SEPTEMBER 22, 2010

PRELIMINARY AGENDA

9:00 AM CALL MEETING TO ORDER

PLEDGE OF ALLEGIANCE

ADOPTION OF AGENDA

MINUTES OF AUGUST 26, 2010

PUBLIC ACCESS FORUM (10-minute agenda time, two-minute limit/person)

REPORTS

- Chair – Randy Kramer
- Executive Director – John Jaschke
- Dispute Resolution Committee – Randy Kramer
- Wetlands Committee – LuAnn Tolliver
- Grants Program & Policy Committee – Louise Smallidge
- Public Relations, Outreach & Strategic Planning Committee – Brian Napstad
- RIM Reserve Planning Committee – Paul Brutlag
- Drainage Work Group – Tom Loveall
- Administrative Advisory Committee – Randy Kramer

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

1. Bassett Creek WMO Plan Amendment – Bob Burandt – ***DECISION ITEM***

2. South Washington Watershed District Boundary Change Petition – Jim Haertel and Melissa Lewis – ***DECISION ITEM***

NEW BUSINESS

1. Recognition of Service – Randy Kramer – ***INFORMATION ITEM***

2. Riparian Buffers Overview – ***DISCUSSION ITEM***

AGENCY REPORTS

- Minnesota Department of Agriculture – Rob Sip
- Minnesota Department of Health – John Linc Stine
- Minnesota Department of Natural Resources – Larry Kramka
- Minnesota Extension Service – Faye Sleeper
- Minnesota Pollution Control Agency – Rebecca Flood

ADVISORY COMMENTS

- Association of Minnesota Counties – Annalee Garletz
- Minnesota Association of Conservation District Employees – Felicia Brockoff
- Minnesota Association of Soil and Water Conservation Districts – LeAnn Buck
- Minnesota Association of Townships – Sandy Hooker
- Minnesota Association of Watershed Districts – Ray Bohn
- Natural Resources Conservation Service – Tim Koehler

UPCOMING MEETINGS

- Next Board Meeting – October 27, 2010 in St. Paul

Noon **ADJOURN**

BOARD OF WATER AND SOIL RESOURCES
COURTYARD BY MARRIOTT & CONFERENCE CENTER
1080 28TH AVENUE SOUTH
MOORHEAD, MN 56560
THURSDAY, AUGUST 26, 2010

BOARD MEMBERS PRESENT:
Gordy Behm, Paul Brutlag, Bob Burandt, Wayne Edgerton, DNR; Quentin Fairbanks, Rebecca Flood, MPCA; Christy Jo Fogarty, Randy Kramer, Paul Langseth, Keith Mykleseth, Brian Napstad, Rob Sip, MDA; Faye Sleeper, MES; Louise Smallidge, Gene Tiedemann, LuAnn Tolliver, Dan Wilson, MDH

BOARD MEMBERS ABSENT:
Sandy Hooker
Tom Loveall
John Meyer

STAFF PRESENT:
Mary Jo Anderson, Brian Dwight, Jim Haertel, Jeff Hrubes, Steve Hofstad, John Jaschke, Pete Waller

OTHERS PRESENT:
LeAnn Buck, Minnesota Association of Soil & Water Conservation Districts (MASWCD)
Brett Coleman, U.S. Army Corps of Engineers
Margaret Mangan, Minnesota Department of Agriculture
Lance Yohe, Red River Basin Commission (RRBC)

DRAFT

Chair Kramer called the meeting to order at 8:30 a.m.

PLEDGE OF ALLEGIANCE

Chair Kramer thanked everyone for coming to Moorhead. Chair Kramer thanked Bruce Albright, Buffalo-Red River Watershed District; Becker SWCD, Clay SWCD, and Wilkin SWCD and Wilkin County, for hosting the tour. Chair Kramer also thanked the Red River Basin Commission for their participation and sponsorship of the BWSR tour. Chair Kramer also thanked Pete Waller and Mary Jo Anderson for organizing and coordination of the tour logistics.

** 10-72 **ADOPTION OF AGENDA** – Moved by Louise Smallidge, seconded by Paul Brutlag, to adopt the agenda as presented. Motion passed on a voice vote.

MINUTES OF JUNE 23, 2010 – Wayne Edgerton reported that a correction is needed in his DNR report. It should state that "one wild deer was found last fall with bovine ** 10-73 tuberculosis". Moved by Quentin Fairbanks, seconded by Wayne Edgerton, to approve the minutes of June 23, 2010 as corrected. Motion passed on a voice vote.

** 10-74 **MINUTES OF SPECIAL MEETING ON AUGUST 4, 2010** – Moved by Brian Napstad, seconded by Louise Smallidge, to approve the minutes of August 4, 2010 as circulated. Motion passed on a voice vote.

Chair Kramer reported that two agenda items today need a Conflict of Interest Declaration: 1) Area II Minnesota River Basin Project Inc., Grant; and 2) Minnesota River Board, Fiscal Year 2011 Work Plan and Grant. Chair Kramer read the statement: *"A conflict of interest whether actual or perceived occurs when someone in a position of trust has competing professional or personal interests and these competing interests make it difficult to fulfill professional duties impartially. At this time, members are requested to identify any potential conflicts of interest they may have regarding today's business."*

Chair Kramer introduced Rob Sip, newly appointed Board Member representing the Department of Agriculture, replacing Joe Martin. Rob stated that he looks forward to representing MDA on the BWSR Board.

REPORTS

Chair's Report – Chair Kramer reported that he attended the MAWD Summer tour on June 26; he attended the Local Government Water Management Summit on July 12 in St. Cloud; and he also attended the Stearns County SWCD summer tour and 60th anniversary celebration on July 13. Chair Kramer also attended the joint Outdoor Heritage Council/Clean Water Council/LCCMR meeting and tour in Renville County on July 21.

Executive Director's Report – John Jaschke announced that Joe Martin, formerly of the MDA, is getting married this weekend, taking a new job as owner of Rural Strategies, Inc, and moving soon to south central Minnesota. John reviewed the information in board members' packets.

John distributed a copy of his report. John reported on the following items:

The Clean Water Council/ LCCMR/Outdoor Heritage Council tour – MN River/Renville County: July 21st tour hosted by the Renville SWCD that included riparian buffers, wetland restorations, rock outcrop sites and a Minnesota River fishery presentation along after a canoe trip.

Wetland Banking: Embarking on a development of a joint state/federal system with Corps of Engineers that will upgrade current database and establish field and record-keeping protocols for credit establishment and debiting.

Road Authority Wetland Training: In cooperation with COE, DNR and MnDOT, several sessions were held in northern MN in early August to help local road authorities refine the steps needed to delineate wetlands, design road project upgrades to minimize adverse wetland impacts and report wetland losses to be replaced as specified in MS 103.222 and to meet Clean Water Act requirements.

Walk-in public hunting access: Working with DNR (as directed by Governor) and MASWCD to prepare MN grant application submitted Aug 23rd to USDA-FSA for pilot program funding to establish short-term contracts for access to conservation/habitat during hunting seasons.

Clean Water Fund RFP: FY2011 RFP soliciting Clean Water Fund Projects from local governments is open until September 15th (see: http://www.bwsr.state.mn.us/grants) supported by several regional training sessions and a couple of webinars.

Local Government Water Management Summit: nearly 400 board and staff members participated in session held July 12 in St. Cloud. Local government association staff will be leading process to refine input as posted at: http://www.mnlocalgovernmentroundtable.com

Rules development: Staff are developing drafts and informal stakeholder input opportunities: a) Cost-Share – draft to be presented to Grants Program and Policy Committee; b) RIM - draft to be presented to RIM Committee; c) Metro Water Management - draft to be presented to Metro Committee.

Dispute Resolution Committee – Randy Kramer reported that one new appeal has been received since the last report. John Jaschke reported that the Hawley appeal of

the Buffalo-Red River Watershed District and Plan was dismissed by the Court of Appeals. John reported that the St. Louis County WCA appeal which is tied to a zoning issue. John also reported on the appeal by the City of Hendrum which will move slower as agreed to by the City.

Wetlands Committee – LuAnn Tolliver reported that the Wetlands Committee has not met; the Committee will meet in September near the Board meeting date.

Drainage Work Group – John Jaschke reported that the Drainage Work Group (DWG) met on July 21, 2010. John distributed a summary report written by Al Kean; and provided an overview of the report. John reported that Joel Peterson, Drainage Management Engineer, has taken a new job as professor with the University of Wisconsin/River Falls, Joel's last day with BWSR was August 17. Recruitment efforts to seek replacement candidates have begun. John reported that the next meeting of the DWG is September 9th.

Chair Kramer reported that he has received concerns about the LCCMR proposal involving BWSR. Chair Kramer hopes that BWSR is acting as the facilitator of the DWG on this. John Jaschke stated that is the approach being taken as it is a sensitive topic.

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

Capitol Region Watershed District Watershed Management Plan – Jim Haertel reported that the Metro Water Planning Committee met on August 4, 2010; reviewed the Capitol Region Watershed District Watershed Management ten-year Plan and
** recommends approval. Moved by Bob Burandt, seconded by Louise Smallidge, to
10-75 approve the Capitol Region Watershed District Watershed Management Plan. Faye Sleeper reported that the University of Minnesota St. Paul Campus is located in the watershed and are involved and support the Plan. Motion passed on a voice vote.

Carnelian-Marine-St. Croix Watershed District Watershed Management Plan – Jim Haertel reported that the Metro Water Planning Committee reviewed the Carnelian-Marine-St. Croix Watershed District Watershed Management revised ten-year Plan and recommends approval of the Plan. Jim stated that this Plan is set up into sections for
** individual water resources. Moved by Bob Burandt, seconded by Louise Smallidge, to
10-76 approve the Carnelian-Marine-St. Croix Watershed District Watershed Management Plan. Motion passed on a voice vote.

Chisago County Comprehensive Local Water Management Plan Amendment and Extension – Jim Haertel reported that the Metro Water Planning Committee reviewed the Chisago County Comprehensive Local Water Management Plan Amendment and Extension and recommend approval. Jim explained that the primary reasons for

amending and extending the Chisago County Water Plan are to: expand the tasks identified in the Water Plan to reflect the increase in activity since 2006, better organize the existing Water Plan, better position Chisago County to be eligible for potential
** funding opportunities, and to extend the plan from 2006-2011 to 2006-2013. Moved by
10-77 Bob Burandt, seconded by Louise Smallidge, to approve the Chisago County Comprehensive Local Water Management Plan amendment and extension. Discussion followed. Motion passed on a voice vote.

Plan Amendment to the Shingle Creek and West Mississippi Watershed Management Organizations' Watershed Management Plan – Jim Haertel reported that the Metro Water Planning Committee reviewed the Shingle Creek and West Mississippi Watershed Management Organizations' Watershed Management Plan
** amendment and recommends approval. Moved by Bob Burandt, seconded by Louise
10-78 Smallidge, to approve the Shingle Creek and West Mississippi Watershed Management Organizations' Watershed Management Plan amendment. Motion passed on a voice vote.

Northern Water Planning Committee

St. Louis County Water Management Plan Update – Quentin Fairbanks reported that the Northern Water Planning Committee met on August 11, 2010, to review the St.
** Louis County Water Management Plan Update and recommends approval. Moved by
10-79 Quentin Fairbanks, seconded by Paul Brutlag, to approve the St. Louis County Water Management Plan Update. Motion passed on a voice vote.

Southern Water Planning Committee

Area II Minnesota River Basins Project Inc., Grant - Paul Langseth reported that the 2009 Minnesota Legislature appropriated administrative funding for Area II; the 2010 Minnesota Legislature reduced the Area II appropriation, resulting in a fiscal year 2011 grant of $120,000. The BWSR Board approved Area II's work plan for fiscal years 2010 and 2011 on September 23, 2009. The Southern Water Planning Committee recommends approval and execution of the Area II grant agreement for fiscal year
** 2011. Moved by Paul Langseth, seconded by Dan Wilson, to approve the Area II Minnesota River Basins Project, Inc., Grant agreement. John Jaschke stated that the Area II Biennial Plan FY2010-2011 is in Board members' packets today for additional information.

John Jaschke asked board members to submit their Conflict of Interest Declaration forms. John Jaschke reviewed the signed documents, there are no declared conflicts of
10-80 interest. Chair Kramer noted that all board members are eligible to vote. Motion passed on a voice vote.

NEW BUSINESS

Minnesota River Board, Fiscal Year 2011 Work Plan and Grant – Paul Langseth reported that BWSR has oversight of administrative funding related to the efforts of the Minnesota River Board (MRB), formerly known as the Minnesota River Basin Joint Powers Board. The 2009 Minnesota Legislature appropriated administrative funding for the MRB; the 2010 Minnesota Legislature reduced the MRB appropriation, resulting in a fiscal year 2011 State General Funds grant of $84,000. Paul stated that Jeff Nielsen is the lead staff on this and recommends approval of the work plan and execution of the
** administrative grant agreement for fiscal year 2011. Moved by Paul Langseth, seconded by Dan Wilson, to approve the Minnesota River Board, FY2011 Work Plan and Grant.

John Jaschke reviewed the signed Conflict of Interest Declaration forms; there are no
10-81 declared conflicts of interest; Chair Kramer noted that all board members are eligible to vote. Motion passed on a voice vote.

Red River Basin – Long Term Flood Solutions: Project Update Presentation – Chair Kramer thanked the Red River Basin Commission (RRBC) and their staff for participation and sponsorship of the Board tour. Lance Yohe, RRBC Executive Director, distributed the Red River Basin Natural Resources Framework Plan Executive Summary. Lance explained that the project has completed its information gathering phase leading to the development of a comprehensive plan to address flooding in the basin -- according to the charge of the 2009 Minnesota and North Dakota legislatures. Oversight is provided by the MN Board of Water and Soil Resources and the ND State Water Commission. Public flood forums concluded in January with 21 meetings in North Dakota, Minnesota and Manitoba with about 1,000 residents participating. An on-line public survey, has received over 500 responses to date. *Principles* and *Flood Protection Goals* have been adopted to focus and guide the work toward the final set of recommendations. The months ahead will involve completing data analysis, evaluating alternatives and getting broad input on proposed recommendations. Bob Burandt asked if the RRBC has worked with the National Weather Service and others to address the increasing precipitation. Lance explained that the RRBC is working on a 50-year plan to balance the issues involved in the Red River Basin. Discussion followed. Chair Kramer thanked Lance for his presentation.

Chair Kramer called for a break in the meeting at 10:10 a.m. The meeting reconvened at 10:25 a.m.

Flood Risk Management for Urban Centers – Pete Waller introduced Brett Coleman, Project Manager, U.S. Army Corps of Engineers. Brett presented an overview of two completed risk management projects for the Cities of Wahpeton/Breckenridge, and Grand Forks/East Grand Forks; and the proposed structural solution locally preferred plan for Fargo/Moorhead. Brett explained that the involved partners have lead to

successful projects. Discussion followed. Brett will provide a copy of his presentation to board members. Chair Kramer thanked Brett for his presentation.

AGENCY REPORTS

Minnesota Department of Agriculture (MDA) – Rob Sip reported that MDA is interacting with BWSR on water plans; and has a meeting scheduled with Steve Woods. Rob reported that MDA started an electronic newsletter as a source of information on environmental issues. Rob reported that MDA is in the process of updating a nitrate management plan. Rob introduced Margaret Mangan, newly hired environmental outreach coordinator.

Minnesota Department of Health (MDH) – Dan Wilson reported that new well construction has decreased by 45% from the peak several years ago.

Minnesota Department of Natural Resources (DNR) – Wayne Edgerton reported that 450 deer tested this year for bovine tuberculosis were negative. In previous years a total of 27 were positive. Wayne reported that various hunting seasons start September 1, 2010. The deer population is good; the lottery deadline to apply for a doe permit is September 9th.

Minnesota Extension Service (MES) – Faye Sleeper distributed a flyer on an education opportunity, "Clean Water & Climate Adaptation Summit 2010" on September 16-17 at Minnesota Landscape Arboretum. The Summit is presented by the Minnesota Landscape Arboretum in collaboration with the Minnehaha Creek Watershed District and the MN Climate Change Adaptation Working Group. Faye invited Board members to attend. Faye stated that the Water Resources Conference will be held on October 19-20 at the River Center in St. Paul.

Minnesota Pollution Control Agency (MPCA) – Rebecca Flood reported that Section 401 certification was recently issued for the Oakport flood control project visited on the tour yesterday.

ADVISORY COMMENTS

Minnesota Association of Soil and Water Conservation Districts (MASWCD) – LeAnn Buck reported that MASWCD President Steve Sunderland thanked BWSR for the opportunity to be part of the tour yesterday; he is not able to attend the meeting today. LeAnn reported that MASWCD held a legislative policy meeting on August 23; working on policy resolutions. She thanked BWSR for support of past and current MASWCD policy issues. LeAnn commented on the Red River Basin surface water and groundwater issues; including those related to drainage and tiling, the local/state funding match, and the need for technical assistance with projects. LeAnn reported that the MASWCD, MAWD, AMC Roundtable meetings are looking at policy issues for the 2011 legislative session. LeAnn, on behalf of MASWCD, expressed appreciation of BWSR's support.

Chair Kramer announced his resignation, effective the day after the next BWSR Board meeting on September 22nd. Chair Kramer read his letter of resignation sent to Governor Tim Pawlenty, effective September 23, 2010. Chair Kramer stated that he has been asked to submit his name for consideration to fill an unexpired term on the Bird Island-Olivia-Lake Lillian (BOLD) school board and he has done so. Chair Kramer explained that due to time considerations with his business and family commitments made the decision that he would not be able to effectively serve in both positions simultaneously. The Open Appointments process through the Secretary of State's Office will commence to identify citizen candidates interested in filling the remainder of his term. Paul Brutlag, Board Vice-Chair, will serve as Acting Chair beginning on September 23rd until the Governor appoints a new chairperson.

UPCOMING MEETINGS

- Board Meeting – September 22, 2010 in St. Paul

** 10-82 Moved by Paul Brutlag, seconded by Louise Smallidge, to adjourn the meeting at 11:10 a.m. Motion passed on a voice vote.

***** Board Members requested that a picture be taken of the Board at the September meeting.**

Respectfully submitted,

Mary Jo Anderson
Recorder

DRAFT

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Dispute Resolution Committee Report

Meeting Date: September 22, 2010

Agenda Category: ☐ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☐ Decision ☐ Discussion ☒ Information

Section/Region: Land and Water Section

Contact: Travis Germundson

Prepared by: Travis Germundson

Reviewed by: _____ Committee(s)

Presented by: Travis Germundson

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

None

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Dispute Resolution Committtee Report. The report provides a monthly update on the number of appeals filed with the BWSR.

Dispute Resolution Report
September 10, 2010,
By: Travis Germundson

There are presently **14** appeals pending. All of the appeals involve WCA except File 05-24 and File 10-10. There have been **2** new appeals filed since the last report dated August 26, 2010.

.

Format note: New appeals that have been filed since last report to the Board.
~~Appeals that have been decided since last report to the Board.~~

File 10-13 (8-30-10) This is an appeal of a restoration order in Benton County. The appeal regards the placement of approximately 5,663 square feet of earthen material/demolition debris in a Type 2/3 wetland. *No decision has been made on the appeal.*

File 10-12 (8-27-10) This is an appeal of a restoration order in St. Louis County. The appeal regards the excavation and filling of approximately 43,394 square feet of wetland and the construction of over 1,000 feet of drainage ditches. *No decision has been made on the appeal.*

~~File 10-11 (8-9-10) This is an appeal of a restoration order in St. Louis County. The appeal regards the excavation and filling of approximately 79,420 square feet in a Coniferous Bog (Type 8 Wetland). The petition request that the appeal be placed in abeyance and the restoration order stayed for submittal of an exemption/no loss determination from St. Louis County~~. *The appeal has been denied.*

File 10-10 (6-10-10) This is an appeal filed under Minn. Stat. 103D.535 regarding an order of the managers of the Wild Rice Watershed District not to go forward with the Upper Becker Dam Enhancement Project as proposed. Appeals filed under 103D.535 require that the Board follow the Administrative Procedures Act. The Act requires that the hearing be conducted by an Administrative Laws Judge through the Office of Administrative Hearings. No decision has been made on the appeal.

~~File 10-8 (3-19-10). This is an appeal of a restoration order in Lyon County. The appeal regards the installation of an agricultural drainage system resulting in approximately 3.25 acres of impact to a Type 2 wetland. The appellant has granted BWSR additional time to make a decision on the appeal.~~ *The appeal was affirmed and the Restoration Order rescinded.*

File 10-7 (2-19-10) This is an appeal of a restoration order in Stearns County. The appeal regards draining and filling impacts to approximately 18.44 acres of Type2/3 wetland and 3.06 acres of Type 2 wetland. The appeal has been placed in abeyance and the restoration order stayed for submittal of "as built" or project information pertaining to a public drainage system.

~~File 10-4 (1-29-10) This is an appeal of a wetland banking plan decision in Koochiching County. The appeal regards the approval of a 71.3 acre wetland banking plan application at 80 percent eligibility by the Koochiching County Board. This regards the same banking plan application appealed under File 09-18.~~ *The appeal is dismissed. The LGU issued a new decision rescinding the previous decision and issuing a new decision based in accordance with the draft settlement agreement.*

File 10-3 (2-1-10) This is an appeal of a restoration order in Stearns County. The appeal regards the placement of agricultural drain tile and the straightening and rerouting of a county ditch that resulted in over 12 acres of wetland impacts. The appellant has granted BWSR additional time to make a decision on the appeal. No decision has been made on the appeal.

File 09-22 (10-02-09) This is an appeal of a restoration order in Carlton County. The appeal regards three separate investigation areas encompassing over 18 acres of wetland impacts from excavation, filling, and ditching. The replacement order has been stayed and the appeal has been placed in abeyance pending further technical work and for submittal of complete wetland replacement plan, exemption, or no-loss application.

File 09-13 (8-20-09) This is an appeal of an exemption decision in Otter Tail County. The appeal regard the denial of an exemption request for agricultural/drainage actives. A previous denial of the same exemption decision had been appealed (File 09-6). The appeal was remanded for further technical evaluation and a hearing, and now the current denial has been appealed. The appeal has been granted. A pre hearing conference convened on November 12, 2009. At which time parties agreed to hold off scheduling written briefs until March 2010.

File 09-10 (7-9-09) This is an appeal of a banking plan application in Aitkin County. The appeal regards the LGU's denial of a banking plan application to restore 427.5 acres of wetlands through the use of exceptional natural resource value. The appeal has been accepted and pre-hearing conferences convened on October 13 and 30, and December 14, 2009. Settlement discussions are ongoing.

File 09-3 (2-20-09) This is an appeal of a replacement plan decision in Anoka County. The appeal regards the approval of a wetland replacement plan for 11,919 square feet of impacts associated with a residential development. The appeal has been placed in abeyance and the replacement plan decision stayed for submittal of a revised replacement plan application at the request of the petitioner.

File 08-9. (03/06/08) This is an appeal of a replacement order in Pine County. The appeal regards impacts to approximately 11.26 acres of wetland. The replacement order has been stayed and the appeal has been placed in abeyance pending further technical work.

File 08-4. (01/24/08) This is an appeal of no-loss and exemption decisions in Waseca County. In addition to the no-loss decision, at issue are denials of the agricultural exemption, approved development exemption, incidental wetland exemption, and claims of numerous procedural issues that were prejudicial to the applicants. The mandamus action regarding Minn. Stat. § 15.99 (60-day rule) is complete and the temporary injunction lifted. The timeline for the remand was extended a third time to October 15, 2010.

File 06-23. (05/19/06) This is an appeal of a replacement plan decision in Kanabec County. The LGU denied the wetland replacement plan application. A previous denial of the same replacement plan application had been appealed, the appeal was remanded for a hearing, and now the current denial has been appealed. The appeal has been placed in abeyance pending the outcome of a lawsuit between the landowner and the county. The lawsuit concerns the county's possible noncompliance with the 60-day rule. The county prevailed in district court; however the decision was appealed to the Court of Appeals where the county again prevailed. An appeal to the Minnesota Supreme Court was denied review. It is likely the appeal will soon be placed on the calendar for DRC proceedings.

File 06-17. (05/27/06) This is an appeal of a replacement plan decision in the City of Montgomery in LeSueur County. The LGU denied an after-the-fact wetland replacement plan application based on a lack of sufficient reasons why the restoration could not be completed. The appeal has been remanded for further processing at the local level.

File 05-1. (01/13/05) This is an appeal of a replacement plan decision by the Rice Creek Watershed District. The District previously made a decision that was appealed which resulted in a remand for an expanded TEP. Now there is an appeal of the decision made under remand since the decision differed from the TEP report. At issue are wetland delineation and the Comprehensive Wetland Protection and Management Plan that BWSR approved. After a hearing before the DRC, the board remanded the matter for new wetland delineation and for submission on an updated, complete replacement plan application. On 12-9-09 the District made a new wetland delineation decision. The applicant has not yet submitted an updated replacement plan application.

Draft Summary Table

Type of Decision	Total for Calendar Year 2009	Total for Calendar Year 2010
Order in favor of appellant		1
Order not in favor of appellant	10	4
Order Modified	1	
Order Remanded	4	
Order Place Appeal in Abeyance	3	3
Negotiated Settlement		1
Withdrawn/Dismissed	9	1

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

1. Bassett Creek WMO Plan Amendment – Bob Burandt – ***DECISION ITEM***

2. South Washington Watershed District Boundary Change Petition – Jim Haertel and Melissa Lewis – ***DECISION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **Bassett Creek WMO Plan Amendment**

Meeting Date: September 22, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Metro

Contact: Brad Wozney, Board Conservationist

Prepared by: Brad Wozney, Board Conservationist

Reviewed by: Metro Water Planning Committee(s)

Presented by: Bob Burandt

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☒ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Approval of Plan Amendment to the Bassett Creek Watershed Management Organization's Watershed Management Plan

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

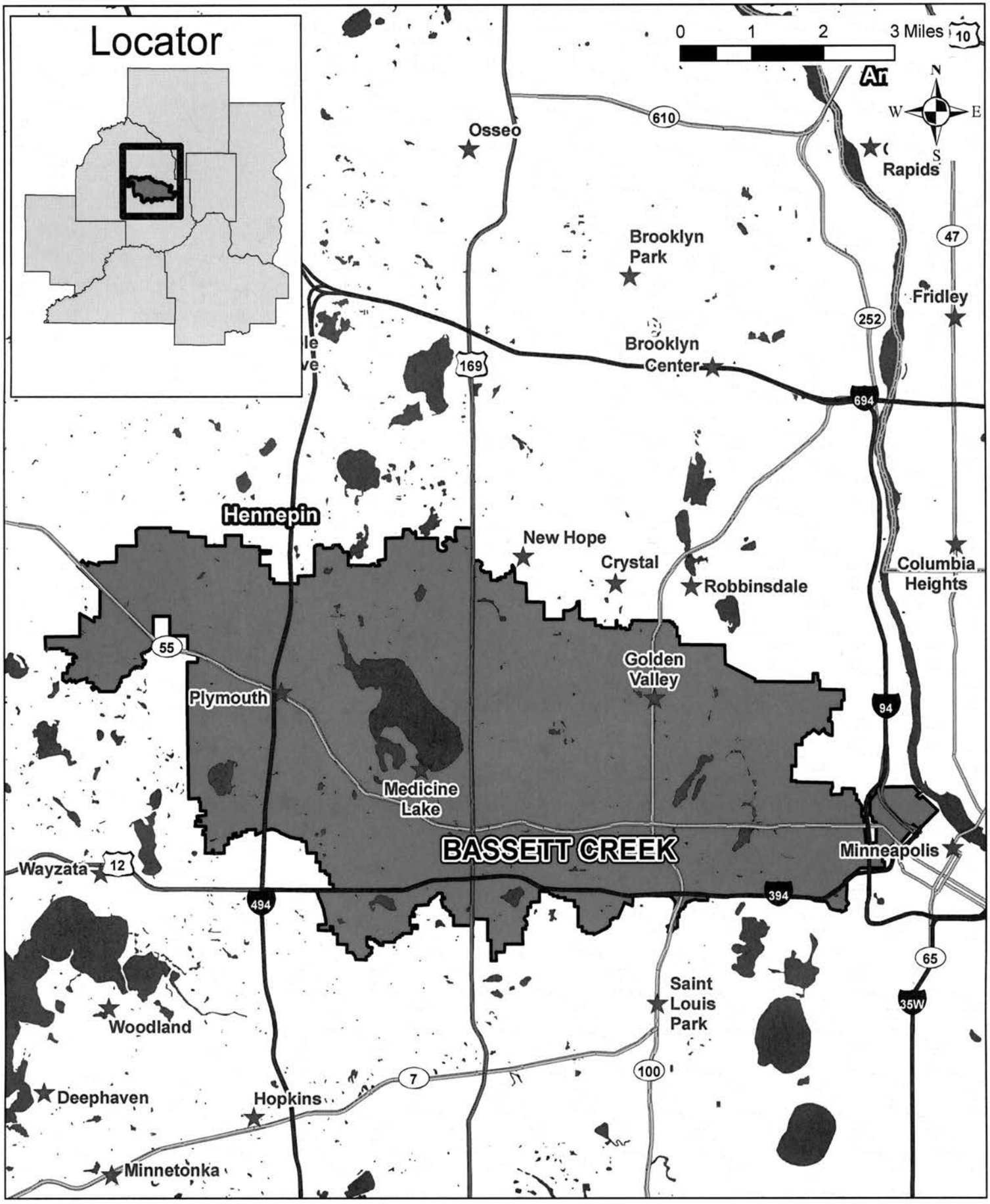
The Bassett Creek WMO (Commission) is located in the heart of Hennepin County. It is bound by the Mississippi River WMO to the east, on the south and west by the Minnehaha Creek Watershed District, on the northwest by the Elm Creek WMO, and on the north by the Shingle Creek WMO. The watershed encompasses all or part of the following nine cities: Plymouth, Medicine Lake, Golden Valley, Robbinsdale, Crystal, New Hope, Minnetonka, St. Louis Park, and Minneapolis. Bassett Creek discharges into the Mississippi River in downtown Minneapolis below St. Anthony Falls. The watershed contains five major lakes and three creek branches. The Bassett Creek watershed covers 39.6 square miles and is predominantly fully developed (>90%). Scattered areas of redevelopment throughout the watershed are proposed.

The Bassett Creek Flood Control Commission was formed in 1968 primarily to study flooding issues in the watershed and adopted a watershed management plan in 1972. In 1984, the Commission was created after revising the Flood Control Commission's joint powers agreement. The Commission prepared its first generation watershed management plan that BWSR approved in July 1989. The second generation plan was approved by BWSR in August 2004. Subsequently, the Commission completed three minor amendments between years 2005 and 2007.

The proposed 2010 Amendment adds two new channel restoration projects to the Capital Improvement Program (Table 12-2) for a total cost of $1,440,000. During the formal comment period, BWSR recommended more specificity for each project be included in the amendment, which the Commission addressed. No other comments were received during the formal comment period or at the public hearing regarding the amendment.

The Metro Water Planning Committee met on September 7, 2010. After review of the information, BWSR staff was in favor of and the Committee unanimously voted to recommend approval of the Plan Amendment per the attached draft Order.

Bassett Creek
Watershed Management Organization



Minnesota Board of Water and Soil Resources
520 Lafayette Road North
Saint Paul, Minnesota 55155

In the Matter of the review of the Amendment to the Watershed Management Plan for the **Bassett Creek Watershed Management Organization**, pursuant to Minnesota Statutes Section 103B.231, Subdivision 11.

ORDER APPROVING AMENDMENT TO WATERSHED MANAGEMENT PLAN

Whereas, the Board of Commissioners of the Bassett Creek Watershed Management Organization (Commission) submitted a Watershed Management Plan Amendment (Amendment) dated April 2010, to the Minnesota Board of Water and Soil Resources (Board) pursuant to Minnesota Statutes Section 103B.231, Subd. 11, and;

Whereas, the Board has completed its review of the Amendment;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions and Order:

FINDINGS OF FACT

1. **WMO Establishment.** The Bassett Creek Flood Control Commission was formed in 1968 primarily to study flooding issues in the watershed and adopted a watershed management plan in 1972. In 1984, the Bassett Creek Watershed Management Commission (Commission) was created after revising the Flood Control Commission's joint powers agreement. The Commission prepared its first generation watershed management plan that the Board approved in July 1989. The second generation plan was approved by the Board in August 2004. Subsequently, the Commission completed three minor amendments from 2005-2007.

2. **Authority to Plan.** The Metropolitan Surface Water Management Act requires the preparation of a watershed management plan for the subject watershed area which meets the requirements of Minnesota Statutes Sections 103B.201 to 103B.251. The watershed management plan may be amended according to Minnesota Statutes Section 103B.231, Subd. 11.

3. **Nature of the Watershed.** The Commission is located in the heart of Hennepin County. It is bound by the Mississippi River WMO to the east, on the south and west by the Minnehaha Creek Watershed District, on the northwest by the Elm Creek WMO, and on the north by Shingle Creek WMO. The watershed encompasses all or part of the following nine cities: Plymouth, Medicine Lake, Golden Valley, Robbinsdale, Crystal, New Hope, Minnetonka, St. Louis Park, and Minneapolis. Bassett Creek discharges into the Mississippi River in downtown Minneapolis below St. Anthony Falls. The watershed contains five major lakes and three creek branches. The Bassett Creek watershed covers

39.6 square miles and is predominantly fully developed. Scattered areas of redevelopment throughout the watershed are proposed.

4. **Amendment Development and Review.** The draft Amendment was submitted to the Board, other state agencies, and local governments for the required 60-day review on April 30, 2010. However the Commission voluntarily dictated a comment deadline of August 1, 2010 in order to comply with the revised Minnesota Statutes Section 103B.231. The Amendment adds two capital projects to the Commission's Capital Improvement Program. The Commission received a comment letter from only the Board. The Commission held a public hearing on August 19, 2010. No new suggested changes were offered during the meeting. The final draft Amendment was submitted to the Board and plan review agencies on September 1, 2010, for the required 90-day review and approval period.

5. **Metropolitan Council Review.** The Metropolitan Council was supportive of the amendment stating it is consistent with the Council's *Water Resources Management Policy Plan.*

6. **Department of Agriculture Review.** The MDA did not comment on the Amendment.

7. **Department of Health Review.** The MDH did not comment on the Amendment.

8. **Department of Natural Resources Review.** The DNR did not comment on the Amendment.

9. **Pollution Control Agency Review.** The PCA did not comment on the Amendment.

10. **Local Review.** The Commission circulated a copy of the draft Amendment to local units of government for their review pursuant to Minnesota Statutes Section 103B.231, Subd. 7.

11. **Board Review.** Board staff recommended more specificity for each project be included in the amendment, which the Commission addressed. Board staff commended the Commission for maintaining a current capital improvement program.

12. **Highlights of the Plan Amendment.** The plan Amendment proposes to add two capital improvement projects to the Watershed Management Plan. The Amendment reflects the Commission's willingness to regularly review their implementation program and to amend the Plan as project opportunities arise.

13. **Metro Water Planning Committee Meeting.** The Board's Metro Water Planning Committee met on September 7, 2010, to review and discuss the Amendment. Those in attendance from the Board's Committee were Rebecca Flood, Christy Jo Fogarty, Faye Sleeper, Louise Smallidge, LuAnn Tolliver, and Robert Burandt as chair. Board staff in attendance were Metro Region Supervisor Jim Haertel and Board Conservationist Brad Wozney. Board staff recommended approval of the Amendment. After discussion, the

Committee unanimously voted to recommend approval of the Amendment to the full Board.

CONCLUSIONS

1. All relevant substantive and procedural requirements of law and rule have been fulfilled.

2. The Board has proper jurisdiction in the matter of approving an Amendment to the Watershed Management Plan for the Bassett Creek Watershed Management Organization pursuant to Minnesota Statutes Section 103B.231, Subd. 11.

3. The Bassett Creek Watershed Management Organization's Amendment attached to this Order defines the need and purpose of the Plan changes and the methods of financing.

4. The attached Amendment is in conformance with the requirements of Minnesota Statutes Sections 103B.201 to 103B.251.

ORDER

The Board hereby approves the attached Amendment dated April 2010 to the Bassett Creek Watershed Management Organization Watershed Management Plan.

Dated at Saint Paul, Minnesota this 22nd day of September 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Randy Kramer, Chair

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **So. Washington WD Boundary Change Petition**

Meeting Date: September 22, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business
Item Type: ☒ Decision ☐ Discussion ☐ Information
Section/Region: Metro
Contact: Jim Haertel
Prepared by: Jim Haertel
Reviewed by: Metro Water Planning Committee(s)
Presented by: Jim Haertel and Melissa Lewis

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☒ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other:

ACTION REQUESTED
Decision on the South Washington Watershed District Petition to change the boundaries of the South Wasington Watershed District and the Valley Branch Watershed District

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
NOTE: The public noticed deadline to request a hearing or submit comments is September 15. If no hearing is requested, the Board is essentially required by statute to make a decision at the September 22nd Board meeting. The Metro Committee is scheduled to meet the day before the Board meeting to make a recommendation. A draft Board Order will be presented at the Board meeting if no hearing has been requested.

PETITION. The South Washington Watershed District submitted a Petition to the Board of Water and Soil Resources (Board) on May 27, 2010 pursuant to Minn. Stat. § 103B.215 to change the boundaries of the South Washington Watershed District and the Valley Branch Watershed District. The South Washington Watershed District has proper standing to file the Petition pursuant to Minn. Stat. § 103B.215, Subd. 2, item a. The Petition was accompanied by the statutorily required written statements of concurrence from each city, town and watershed management organization having jurisdiction over the territory proposed to be transferred. Additionally, the Petition was accompanied by statements of concurrence from all of the remaining cities in the South Washington Watershed District and the Washington County Board of Commissioners. All of the statements of concurrence were in the form of resolutions adopted by the governing bodies of each entity. The filing of the Petition was properly noticed as required by statute by publishing in area newspapers and by mailing.

MEDIATED AGREEMENT. The Petition results from a watershed boundary mediation process. The mediation process concluded with an Agreement signed by the governing bodies of all entities with lands affected by the proposed boundary change, namely Washington County, the South Washington Watershed District, the Valley Branch Watershed District, the City of Cottage Grove, the City of Woodbury and the Town of Denmark. The

Agreement and the Petition contain objectives and recommendations for key issues related to the proposed boundary change, including financing policies, implementation of watershed management plans, and board representation. The Agreement is structured to be in full force upon approval of the Petition.

AFFECTED AREA. The Petition proposes the transfer of land from the Valley Branch Watershed District to the South Washington Watershed District. The proposed boundary change encompasses approximately 30.06 square miles of land in the Cities of Afton and Cottage Grove and the Town of Denmark. The proposed boundary change would transfer 4.19 square miles in the City of Afton, 2.02 square miles in the City of Cottage Grove and 23.85 square miles in the Town of Denmark.

STANDARD OF REVIEW. The Board's standard of review in making a determination on the proposed boundary change in the Petition is set forth in Minn. Stat. § 103B.215, Subd. 4, item c, as follows:

> (c) After completing the procedures required by this subdivision, the board shall, by its findings and order, make the boundary change requested if the board determines that:
>
> (1) the governing body of each statutory or home rule charter city and town and each watershed management organization having jurisdiction over the territory proposed to be added or transferred concurs in the petition;
> (2) the change is consistent with the purposes and requirements of sections 103B.205 to 103B.255; and
> (3) the change can be accomplished in conformance with section 103B.225.

HISTORY. On March 24, 2009 Washington County submitted two petitions to the Board in response to the pending voluntary dissolution of the Lower St. Croix Watershed Management Organization. On May 27, 2009 the Board approved an Order (Board Order One) consistent with the petitions that enlarged the Valley Branch Watershed District, and enlarged and increased the number of managers of the South Washington Watershed District. The South Washington Watershed District was enlarged to include a majority of the lands from the Lower St. Croix Watershed Management Organization and the number of managers was increased from five to seven. The Valley Branch Watershed District was enlarged to include a small portion of the lands from the Lower St. Croix Watershed Management Organization. The resultant common boundary of the two watershed districts did not follow the major hydrologic boundary between the Mississippi River and the St. Croix River. The petitions were filed and the actions were taken under Minnesota Statutes Chapter 103D.

On October 5, 2009 the Board received a citizen petition for a boundary change of the South Washington Watershed District and the Valley Branch Watershed District and for a reduction in the number of managers of the South Washington Watershed District. On December 16, 2009 the Board approved an Order (Board Order Two) consistent with the petition that changed the boundaries of the two watershed districts and reduced the number of managers of the South Washington Watershed District from seven to five. The resultant common boundary of the two watershed districts followed the major hydrologic boundary between the Mississippi River and the St. Croix River. The petition was filed and the actions were taken under Minnesota Statutes Chapter 103D.

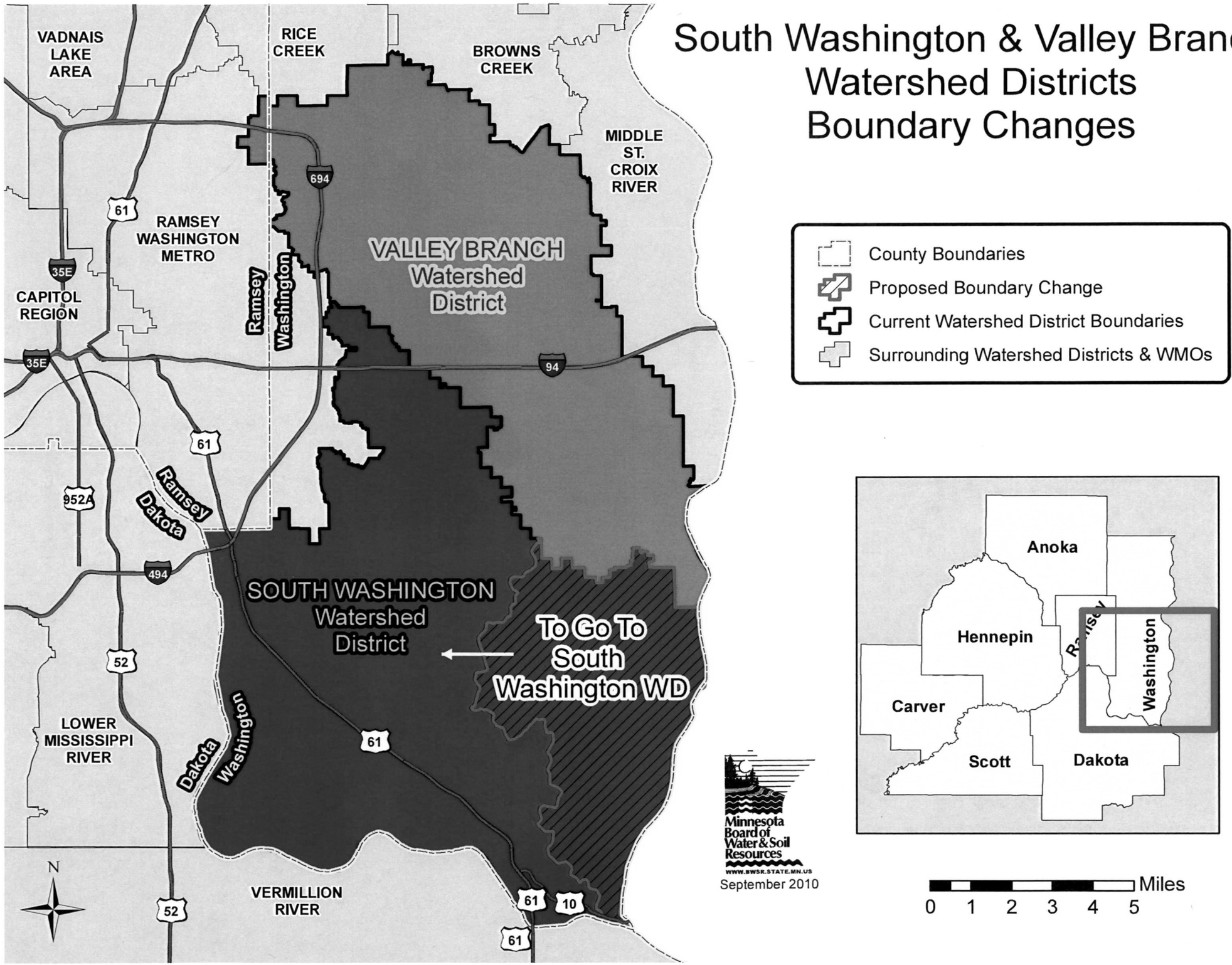
Board Order One and Board Order Two were each appealed to the Minnesota Court of Appeals. Board Order One was affirmed by the Court. Because of the mediation process, Agreement and third petition forthcoming, the appeal of Board Order Two was, upon request, dismissed by the Court with the option available to reinstate the appeal after the Board makes a decision on the current Petition filed on May 27, 2010.

ISSUES. Currently the common boundary of the South Washington Watershed District and the Valley Branch Watershed District follows the major hydrologic boundary between the Mississippi River and the St. Croix River, as established by Board Order Two. The boundary of the two watershed districts proposed in the Petition would not follow the major hydrologic boundary between the Mississippi River and the St. Croix River. Approval of the Petition would return the common boundary to that approved by Board Order One. The proposed boundary would result in the South Washington Watershed District having land in two major watersheds units, namely the St. Croix River watershed and the Mississippi River watershed.

The Petition was filed under Minnesota Statutes Chapter 103B, not under Chapter 103D as the previous petitions were brought under. Chapter 103B contains a different standard of review than Chapter 103D. Subitem 1 of Minn. Stat. § 103B.215, Subd. 4, item c places a great amount of significance on the local communities and watershed districts agreeing on the proposed boundary, which is the case here. Although staff continue to advise that water resources are best managed on a watershed basis, under the standard of review deference should be given to the Agreement signed by the affected communities, watershed districts and the Washington County Board of Commissioners.

The file records in the previous two Board actions regarding this matter contain much information on the positives and negatives regarding the two different locations of the watershed district boundaries. Based on the file records, either watershed district is fully capable of adequately managing the water resources in the subject area. The Board may determine the boundary change would be consistent with the purposes and requirements of sections 103B.205 to 103B.255 as the standard of review requires under subitem 2 of Minn. Stat. § 103B.215, Subd. 4 item c.

The standard of review in subitem 3 of Minn. Stat. § 103B.215, Subd. 4, item c requires the boundary change be accomplished in conformance with section 103B.225. Generally, section 103B.225 requires that the boundary change not affect the benefits or damages for any improvement previously constructed by a watershed district and property must remain liable for its proper share of any outstanding indebtedness. The Board is authorized to prescribe conditions to satisfy the requirements of section 103B.225. In the Agreement, items 10 and 11 obligate the South Washington Watershed District to finance capital projects on a subwatershed basis within water management districts through revenue collected using a storm water utility fee. In the Petition, items 4d,4e and 4f pertain to financing of projects. Prescription of these five items in the Board's Order would attain compliance with section 103B.225.


South Washington & Valley Branch
Watershed Districts
Boundary Changes
VADNAIS LAKE AREA
RICE CREEK
BROWNS CREEK
MIDDLE ST. CROIX RIVER
RAMSEY WASHINGTON METRO
CAPITOL REGION
VALLEY BRANCH Watershed District
SOUTH WASHINGTON Watershed District
To Go To South Washington WD
LOWER MISSISSIPPI RIVER
VERMILLION RIVER
Ramsey
Washington
Dakota
County Boundaries
Proposed Boundary Change
Current Watershed District Boundaries
Surrounding Watershed Districts & WMOs
Anoka
Hennepin
Carver
Scott
Dakota
Washington
Minnesota Board of Water & Soil Resources
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RECEIVED
MAY 27 2010
Bd. of Water & Soil Resources
St. Paul

May 26, 2010

Mr. Jim Haertel, Metro Region Supervisor
Minnesota Board of Water and Soil Resources
520 Lafayette Road North
Saint Paul, MN 55155

RE: South Washington Watershed District Petition for a Boundary Change.

Dear Mr. Haertel:

The South Washington Watershed District (SWWD) is submitting the enclosed petition for a boundary change (Exhibit A). The SWWD is submitting the petition according to Minnesota Statute 103B.215. The petition is requesting transfer of property from the Valley Branch Watershed District. The boundary change is requested as a result of mediation between Washington County, the Cities of Woodbury and Cottage Grove, Denmark Township, Valley Branch and South Washington Watershed Districts and assistance from the Board of Water and Soil Resources. The SWWD has also secured resolutions of concurrence from all Cities, Townships and the Valley Branch Watershed District (Exhibit 1-11). Resolutions of support for the petition have been provided by those parties participating in the mediation and that are signatory to the agreement (Exhibit B).

The petition includes conditions agreed to during meditation by all parties. The SWWD is requesting the Board of Water and Soil Resources prescribe these conditions as part of the order to comply with Minnesota Statute 103B.225. The SWWD has planned, purchased land, constructed or secured funding for the Central Draw Overflow Project. Future completion of this project by the SWWD will be paid for with revenue collected from the existing South Washington watershed management district. Properties included in the South Washington watershed management district also remain liable for indebtedness for the purchase of land. The East Mississippi watershed management district also has projects planned and funds allocated.

2302 Tower Drive • Woodbury, MN 55125 • 651-714-3729 • Fax 651-714-3721
www.swwdmn.org

Mr. Jim Haertel, Metro Region Supervisor
Minnesota Board of Water and Soil Resources
South Washington Watershed District Petition for a Boundary Change.
May 26, 2010

If you have any questions or need additional information, please call me at 651.714.3729 or mmoore@ci.woodbury.mn.us.

Sincerely,
South Washington Watershed District

Matt Moore
Administrator

c: See attached list of addressees

Enclosures:

1. SWWD Resolution #2010-104, Authorizing submittal of Petition for a Boundary Change
2. Exhibit A, SWWD Petition for a Boundary Change
3. Resolutions of support for the petition for a Boundary Change
4. Exhibit B, Agreement dated 5-13-2010
5. Exhibits 1-11, Resolutions of concurrence

EXHIBIT A

STATE OF MINNESOTA
BOARD OF WATER AND SOIL RESOURCES
520 Lafayette Road North
St. Paul, MN 55155

- -

In the Matter of the Petition of
the South Washington Watershed District
for Boundary Change

BOUNDARY CHANGE PETITION

- -

TO: Minnesota Board of Water and Soil Resources, 520 Lafayette Road North, St. Paul, MN 55155

Petitioner, South Washington Watershed District, a body politic and corporate, pursuant to South Washington Watershed District Board Resolution No. 2010-104 does hereby petition the Minnesota Board of Water and Soil Resources (BWSR) to change the boundaries of the South Washington Watershed District (SWWD) and the Valley Branch Watershed District (VBWD) pursuant to Minnesota Statute 103B.215 for the following reasons:

1. Both the SWWD and VBWD are existing watershed districts located entirely within the metropolitan area, and Minnesota Statute 103B215, subd. 1 allows the boundaries of a watershed district wholly within the metropolitan area to be changed. The SWWD is requesting the transfer of territory currently within the jurisdiction of the VBWD to the SWWD. The areas being transferred are contiguous to the existing SWWD.
2. The boundary change proposed and the areas to be transferred are described on the map attached hereto as Figure 1.

The proposed SWWD consists of a total of 110.38 square miles, of which

4.82 square miles are located within the City of Afton
36.56 square miles are located within the City of Cottage Grove
30.14 square miles are located within Denmark Township
2.71 square miles are located within Grey Cloud Island Township
0.40 square miles are located within the City of Hastings
0.98 square miles are located within the City of Lake Elmo
3.89 square miles are located within the City of Newport
1.02 square miles are located within the City of Oakdale
3.61 square miles are located within the City of St. Paul Park
26.25 square miles are located within the City of Woodbury

The proposed VBWD consists of a total of 71.33 square miles, of which

21.01 square miles are located within the City of Afton
4.44 square miles are located within Baytown Township
4.33 square miles are located within the City of Grant
22.93 square miles are located within the City of Lake Elmo
0.87 square miles are located within the City of Mahtomedi
5.55 square miles are located within the City of Oakdale
0.30 square miles are located within the City of Oak Park Heights
0.90 square miles are located within the City of Pine Springs
0.08 square miles are located within the City of St. Mary's Point
7.47 square miles are located within West Lakeland Township
2.75 square miles are located within the City of Woodbury
0.10 square miles are located within the City of Maplewood
0.30 square miles are located within the City of North St. Paul
0.30 square miles are located within the City of White Bear Lake

3. The following are supporting reasons for the boundary change between the SWWD and the VBWD described in Figure 1.

   a. The boundary change will be conducive to the public health and public welfare and for the purposes of Minnesota Statutes Chapters 103.

   b. The boundary change will provide long term protection for surface and groundwater resources.

c. The boundary change will ensure efficiency and effectiveness of water resource management in this area.

d. The boundary change is consistent with the purposes and requirements of Minnesota Statute 103B.205 to 103B.255.

e. Certain properties under the jurisdiction of the SWWD are subject to protection under Minnesota Statute 103B.225. The boundary change, subject to conditions in the petition, is compliant with Minnesota Statute 103B.225.

f. The petitioner has received a written statement of concurrence in the petition from the governing body of each statutory or home rule charter city and town and each watershed management organization having jurisdiction over the territory proposed to be added or transferred (Exhibits 1-11).

g. The boundary change will accomplish the objectives that were agreed upon through the watershed boundary mediation process which involved BWSR, Washington County, SWWD, VBWD, City of Cottage Grove, Denmark Township, and City of Woodbury in accordance with the Agreement (Exhibit B) adopted by Washington County, SWWD, VBWD, City of Cottage Grove, Denmark Township, and City of Woodbury.

4. Representatives of the City of Cottage Grove, Denmark Township, City of Woodbury, SWWD, VBWD and Washington County have developed recommendations for key issues related to the proposed boundary change between

the SWWD and the VBWD; such as financing policies, implementation of water management plans, and board representation. The local governments have approved an Agreement (Exhibit B) to specifically address these key issues to be in full force upon approval of this petition. The following are the conditions for changing the boundaries of the SWWD to be compliant with Minnesota Statute 103B.225:

a. The SWWD will amend its watershed management plan pursuant to Minnesota Statute 103B.205-103B.255 to include the Lower St. Croix sub-watershed area within one year. The SWWD will initially adopt the Lower St. Croix Water Management Organization (LSCWMO) 2009 Water Management Plan as the plan for this sub-watershed pursuant to Minnesota Statute 103B.205-103B.255.

b. The SWWD will apply resource based water quality standards defined by the St. Croix River and the Mississippi River and based on discrete geographical locations defined by hydrologic boundaries.

c. The SWWD will implement the Central Draw Overflow Project as follows:

- The SWWD will complete acquisition of lands necessary to control the outlet for the Central Draw Overflow Project to the Mississippi River by June 30, 2014.

- As part of the Central Draw Overflow Project, the SWWD will

construct improvements to the Cottage Grove Central Ravine by December 31, 2014 to accommodate interim watershed overflows.

- The SWWD will complete construction of the Central Draw Overflow Project by January 1, 2020 unless otherwise agreed to by the City of Cottage Grove, City of Woodbury and SWWD.

d. For the purpose of collecting revenues and paying the costs of projects in the former LSCWMO territory, the SWWD will establish a water management district pursuant to Minnesota Statute 103D.729. The former LSCWMO territory will pay 100 percent of the costs of any projects that are needed within the former LSCWMO territory and none of the costs will be charged to any of the territory SWWD as it existed prior to the May 27, 2009 BWSR Order.

e. The cost of projects for the territory within the existing SWWD will be paid for by the territory within the existing SWWD and none of the costs will be charged to the former LSCWMO territory being added to the SWWD.

f. Funding should be determined on a project-by-project basis, based on project benefits, costs (including administrative costs of the financing options), and equity. The SWWD will finance projects on a sub-watershed basis through revenue collected using a stormwater utility fee according to Minnesota Rules Chapter 444.

g. Administrative services and related general services that are provided

throughout the new areas of the watershed districts will be funded using a district wide ad valorem tax, collected by Washington County as a part of property tax collection. For the SWWD, the former LSCWMO territory will pay its costs of the annual administrative budget and proportional costs of annual SWWD operational programs based on the ad valorem tax rate.

h. Currently the SWWD consists of five managers. The SWWD is requesting the SWWD board of managers remain at five.

i. The appointment of managers in the SWWD will be consistent with Minnesota Statute 103D.311, subd. 3(c) which states that managers must be appointed to fairly represent the various hydrologic areas within the watershed district. The county will ensure that two managers on the SWWD board live in the City of Woodbury. The remaining three managers will be appointed to fairly represent the remaining hydrological areas within the SWWD. In accordance with Minnesota Statute 103D.311, subd. 3(a) the county will appoint managers from a list of persons nominated by the townships and municipalities located within the watershed district. The list must contain at least three nominees for each managers position to be filled. The list must be submitted to the county at least 60 days before the managers term of office expires. If a list of

nominees is not received 60 days prior to the managers term of office expiring or if a city or town fails to submit a list of nominees, the county may appoint any managers that they so choose.

THEREFORE, the SWWD requests that the Minnesota Board of Water and Soil Resources, after giving notice as required by law, and for the public welfare and public interest and to further Minnesota Statute 103, the SWWD requests that the Minnesota Board of Water and Soil Resources issue its order granting the following relief:

1. That the boundaries of the SWWD be changed as set forth on the map attached hereto as Figure 1 pursuant to Minnesota Statute 103B.215.
2. That the area in each watershed district will be guided and managed consistent with the current management plan of the watershed management organizations in accordance with Minnesota Statute 103.
3. That the conditions stated in item 4 (a. – i.) of this petition be incorporated in the Board's order.

Dated the **11th** day of **May** 2010.

By: _____

Jack Lavold, SWWD President

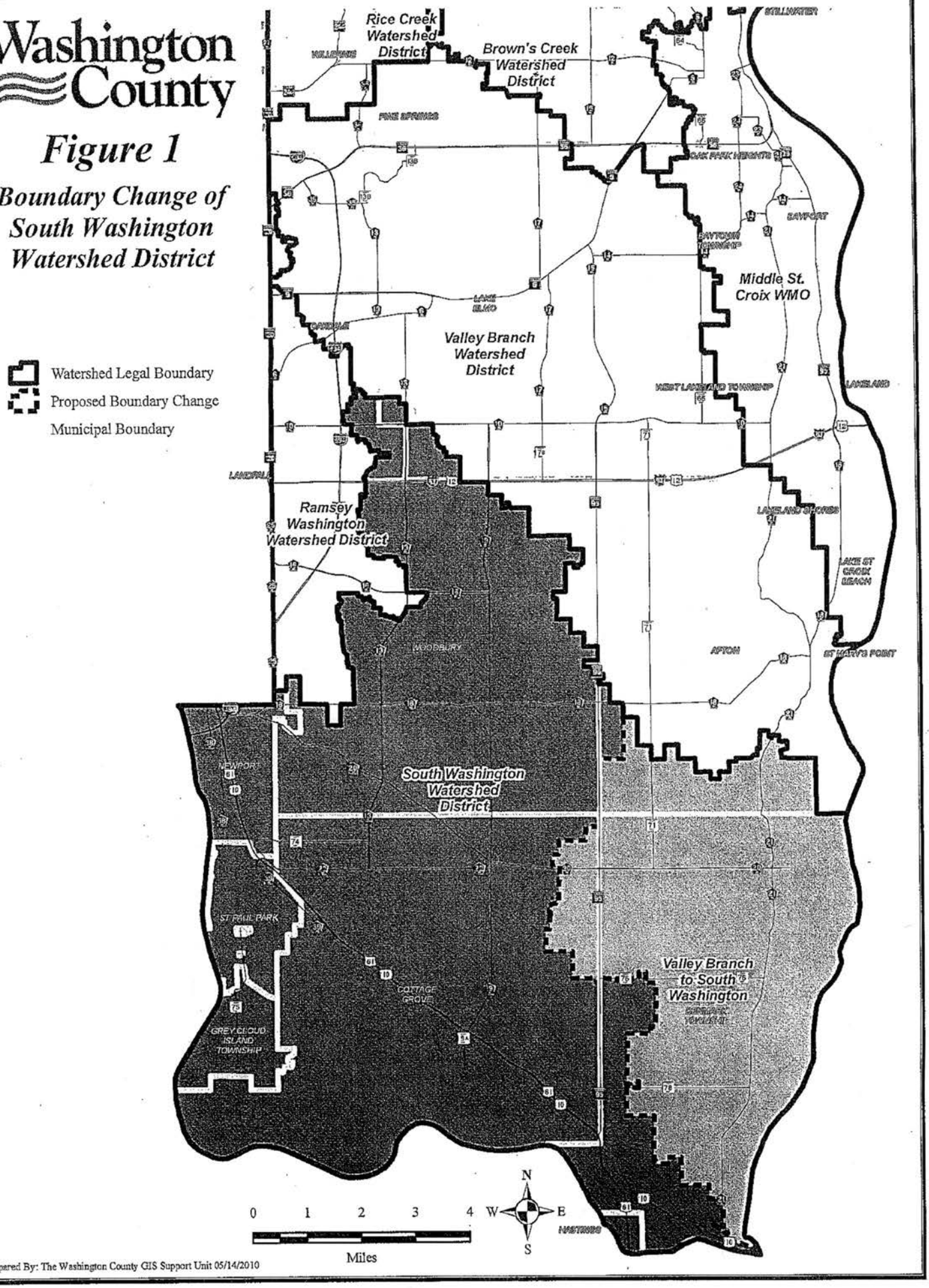
By: _____

Don Pereira, SWWD Secretary

Washington County

Figure 1

Boundary Change of South Washington Watershed District



Prepared By: The Washington County GIS Support Unit 05/14/2010

EXHIBIT B

AGREEMENT

This Agreement dated this **13th** day of May, 2010 by and between the City of Cottage Grove, Denmark Township, City of Woodbury, South Washington Watershed District (SWWD), Valley Branch Watershed District (VBWD), and Washington County (County) does state as follows:

Whereas, all parties desire effective and efficient management of water resources which provides for local control;

Whereas, Denmark Township, the Cities of Cottage Grove and Woodbury, Washington County, VBWD, and the SWWD with the assistance of the Board of Water and Soil Resources all mediated this agreement to accomplish the desired outcome;

Whereas, all parties desire the SWWD board of managers to remain at five (5) while also representing the geographic needs and interests of the areas located within the watershed;

Whereas, the appointment of managers in the SWWD would be consistent with Minnesota Statute 103D.311, subd. 3(c) which states that managers must be appointed to fairly represent the various hydrologic areas within the watershed district. The county will ensure that two managers on the SWWD board live in the City of Woodbury. The remaining three managers will be appointed to fairly represent the remaining hydrological subwatersheds within the SWWD. In accordance with Minnesota Statute 103D.311, subd. 3(a) the county will appoint managers from a list of persons nominated by the townships and municipalities located within the watershed district. The list must contain at least three nominees for each manager's position to be filled. The list must be submitted to the county at least 60 days before the manager's term of office expires. The county commissioners may appoint any managers from towns and municipalities that fail to submit a list of nominees or if the list is not received 60 days prior to the managers' term of office expiring.

Whereas, all parties desire to ensure financing of capital projects within the subwatersheds within the SWWD that are equitable and reasonable to property owners within the watershed and all parties desire the formal creation of the Lower St. Croix subwatershed taxing district by the SWWD to fund capital projects within the Lower St. Croix subwatershed taxing district.

Whereas, all parties desire the SWWD to adopt the watershed management plan and rules of the former Lower St. Croix Watershed Management Organization for hydrological and stormwater management needs within the Lower St. Croix subwatershed until the next SWWD Water Management Plan is completed.

Whereas, all parties desire to maintain separate standards for waters from land areas that drain to the St. Croix River, separate and distinct from land areas that drain to the Mississippi

River while not unduly burdening one watershed with the treatment requirements for the other watershed;

Whereas, Woodbury, Cottage Grove and SWWD desire to establish dates of completion of land acquisition and construction of the Central Draw Overflow project in the SWWD Watershed Management Plan.

Whereas, the SWWD 2007 watershed management plan identifies the Central Draw Overflow as a necessary element of the comprehensive solution for flood control in the watershed. All parties desire that the SWWD guarantee the dedicated funding for and continue to pursue individual elements of the Central Draw Overflow to ensure completion of the flood control project by January 1, 2020.

Whereas, the City of Woodbury filed an appeal, as Petitioner, and the Minnesota Board of Soil and Water Resources, Washington County, Valley Branch Watershed District and the South Washington Watershed District, as Respondents, concerning the BWSR Order dated May 27, 2009 concerning the boundary determination, Court File A09-1175 (hereinafter "Appeal of BWSR Order One"); and the City of Cottage Grove and Denmark Township filed an appeal concerning the BWSR Order dated December 16, 2009 regarding a boundary change of South Washington and Valley Branch Watershed Districts and the reduction in the number of managers of the South Washington Watershed District, Court File No. A10-72, and the Minnesota Board of Soil and Water Resources, the South Washington Watershed District, Valley Branch Watershed District, are Respondents (hereinafter "Appeal of BWSR Order Two")

Whereas, the parties agree that the Appeal of BWSR Order One will be dismissed upon approval by BWSR of all elements of the SWWD petition to reallocate the territory formerly covered by the Lower St. Croix Water Management Organization into both the Valley Branch and South Washington Watershed District as set forth by this Agreement.

Whereas, the Appeal of BWSR Order Two was dismissed without prejudice by the Court of Appeals on April 16, 2010, subject to a motion for reinstatement within thirty (30) days of BWSR's final decision on the Petition; if BWSR approves the South Washington Watershed District Petition to reallocate the areas formerly covered by the Lower St. Croix Water Management organization into both the Valley Branch and South Washington Watershed Districts, as set forth by this Agreement, Cottage Grove and Denmark Township will not move for reinstatement; if the BWSR Board does not approve the SWWD Petition, the parties will not oppose the motion by Cottage Grove and Denmark Township for reinstatement of the appeal, pursuant to the April 16, 2010 Order filed on April 19, 2010.

Whereas, all parties desire an annual check-in mechanism facilitated by the County to ensure this Agreement is upheld. The County proposes to coordinate this as part of the annual watershed budget review by the County Board of Commissioners. The county will work with the SWWD and provide a memo to the other parties by no later than December 1st of each year (starting in 2011). Should non-compliance of this agreement be identified under annual review, the County will reconvene the parties of the agreement to mediate a resolution;

Whereas, all parties agree that it is in their best interest to define their respective responsibilities and obligations;

Whereas, all parties to this Agreement desire the approval and implementation of these above actions to be completed in a cooperative manner, with public benefit to be gained by all parties; and

Whereas, all parties wish to enter into this Agreement to document the terms and obligations agreed upon.

THEREFORE, IT IS MUTUALLY UNDERSTOOD AND AGREED BETWEEN THE PARTIES HERETO AS FOLLOWS

1. The recitals contained above are true and correct, and are incorporated herein by reference.

2. The purpose of this Agreement is to secure the performance of the Agreement of the parties.

Washington County Obligations.

3. Washington County agrees to appoint managers consistent with Minn. Stat. 103D.311, subd. 3(c) and will appoint two of the five managers of the SWWD Board from the City of Woodbury The remainder of the managers will be appointed to fairly represent the hydrological sub-watersheds within the SWWD.

4. Washington County agrees to appoint managers consistent with Minn. Stat. 103D.311, subd. 3(a) from a list of candidates submitted by the cities and townships.

5. Washington County agrees to coordinate an annual check-in mechanism to ensure this Agreement is upheld. The County will coordinate this as part of the annual watershed budget review by the County Board of Commissioners. The county will work with the SWWD and provide a memo to the other parties by no later than December 1st of each year (starting in 2011). In the event the County determines a non-compliance with any of the terms and provisions hereof, it shall identify the same in its report. Should non-compliance of this agreement be identified under an annual review, the County will reconvene the parties of this agreement to mediate a solution.

South Washington Obligations

6. SWWD will prepare a petition to the Board of Water and Soil Resources to reallocate the areas formerly covered by the Lower St. Croix Water Management Organization into both the Valley Branch and South Washington Watershed District as described in Exhibit A.

7. The SWWD and Washington County will request a written statement of concurrence for the petition from the governing body of each statutory or home rule charter city and

town and each watershed management organization having jurisdiction over the territory proposed to be added or transferred and agree to support the boundary change petition, to be filed by SWWD, before the Board of Water and Soil Resources.

8. The SWWD shall establish rules governing the hydrological land areas that are tributary to the St. Croix River and rules for the hydrological land area tributary to the Mississippi River, and the standards adopted for the areas tributary to the St. Croix River shall not be applied to the areas tributary to the Mississippi River.

9. Prior to the adoption of rules, the SWWD will follow the notice and hearing requirements of Minn. Stat. 103D.341, and any other applicable statutorial rule requirements.

10. The SWWD agrees to finance capital projects on a subwatershed basis within management and taxing districts in accordance with Minn. Stat. 103D.729, as defined by the SWWD plan.

11. The SWWD agrees to finance capital projects on a subwatershed basis through revenue collected using a storm water utility fee according to Chapter 444 of Minnesota Statutes.

12. The SWWD shall initially adopt the former Lower St. Croix Water Management Organization (LSCWMO) water management plan and rules as the plan and rules for the subwatershed pursuant to Minnesota Statute 103B.231.

13. The SWWD agrees to implement the Central Draw Overflow Project as follows:

    13.1. SWWD shall complete acquisition of lands necessary to control the outlet for the Central Draw Overflow Project to the Mississippi River by June 30, 2014.

    13.2. As part of the Central Draw Overflow Project, SWWD will construct improvements to the Cottage Grove Central Ravine by December 31, 2014 to accommodate interim watershed overflows.

    13.3. SWWD shall complete construction of Central Draw Overflow Project by January 1, 2020 unless otherwise agreed to by Cottage Grove, Woodbury and SWWD.

Cottage Grove and Woodbury Obligations

14. Cottage Grove and Woodbury agree to timely respond to requests for information from the SWWD and timely submit requested documents to the SWWD. Timely responses are necessary to enable the SWWD to undertake and complete studies and analysis reasonably necessary to timely perform the SWWD obligations under this agreement.

15. The parties agree to take all reasonable steps necessary in order to stay the Court of Appeals proceedings on the Appeal of BWSR Order One until BWSR approves all elements of the petition. Based on the Court of Appeals' Order dismissing the appeal of BWSR Order Two, subject to a motion to reinstate within thirty (30) days of BWSR's final decision on the SWWD petition, if BWSR grants the petition, Cottage Grove and Denmark Township agree

to not pursue the appeal further. If BWSR denies the petition, the parties may resume their appeals, and the parties will not oppose a motion by Cottage Grove and Denmark Township for reinstatement of the appeal of BWSR Order Two. In the event that BWSR denies the petition, this Agreement shall be null and void.

16. This Agreement may be modified by an agreement signed by all of the parties.

Signatures signify entity/agency agreement with this Agreement

Exhibit A – Petition to BWSR and Watershed Boundary Map (Figure 1)

NEW BUSINESS

1. Recognition of Service – Randy Kramer – ***INFORMATION ITEM***

2. Riparian Buffers Overview – ***DISCUSSION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Riparian Buffers Overview

Meeting Date: September 22, 2010

Agenda Category: ☐ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☐ Decision ☒ Discussion ☐ Information

Section/Region:

Contact: John Jaschke

Prepared by:

Reviewed by: John Jaschke Committee(s)

Presented by:

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☐ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other:

ACTION REQUESTED

Discussion item

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Riparian buffers or filter strips consisting of perennial vegetation adjacent to streams, ditches, wetlands and lakes are one of the most effective water quality and habitat improvement practices. Efforts to achieve more of these areas have been largely through voluntary conservation programs but there are also existing curcumstances where buffer establishment is required.

The State Shoreland rules include a provision of a 50' buffer or an approved conservation plan. Very few, if any, plans specific to this purpose exist and ordinance enforcement has been spotty. Some counties (Dodge) have put more requirements or emphasis on buffers via their local ordinance and have promoted the voluntary programs as a means to achieve compliance. Furthermore, it is uncertain as to whether there was any "grandfather" element to the 1989 state rule that first established the ag shoreland buffer standard. These buffers can be any type of perennial vegetation and have no use restrictions.

Public drainage systems estabblished via 103E have provisions for 16.5' (1 rod) buffers to be in place on new systems and those that have undergone a redetermination of benefits since 1977. These buffers can be any type of perennial vegetation and are used for maintenance access, spoil storage and bank stabilization. They are typically are covered by some type of access easement that is not easily identified on legally recorded documents. Until recently, there's been debate where this buffer measurement starts.

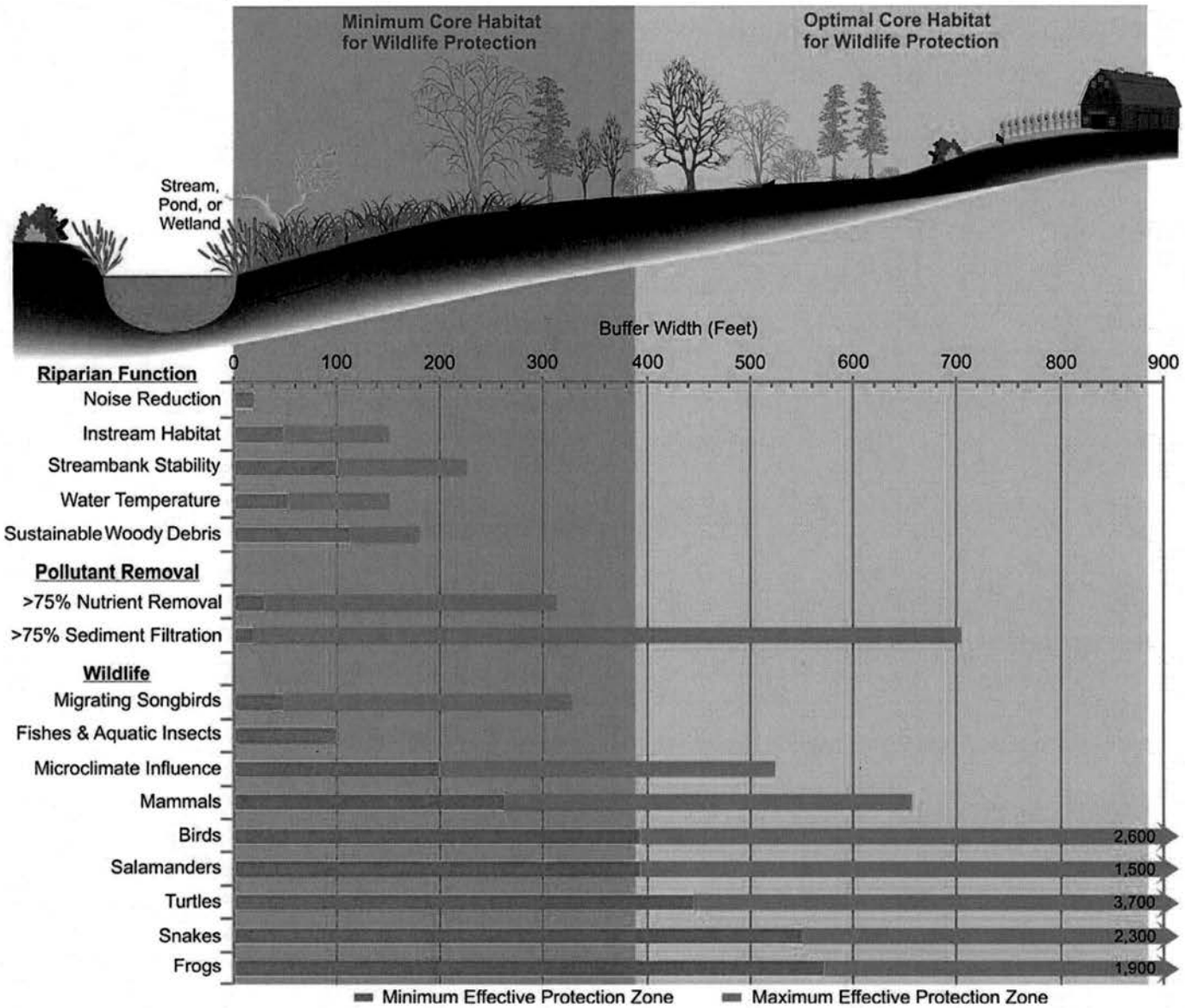
USDA-FSA has a policy that CRP excludes filter strip areas from the 10-15 year contract if they are otherwise required by law or are in violation of the law. The violation must be specific to the landowner and property and they rely on others to validate the regulatory status. Because of the longer term of the State programs, they do not view eligibility the same way but instead recognize the need to manage the native vegetation established

in the buffer as whole unit well beyond any "required' portion adjacent to the water which does not otherwise have a vegetative quality or diversity standard.

And, there is the issue of prioritization. Riparian buffers in headwater streams (i.e., those adjacent to first-, second-, and third-order systems) have much greater influences on overall water quality within a watershed than those buffers occurring in downstream reaches. However, factoring in wildlife or floodplain attenuation benefits may lead to other site prioritization.

Wider is Better for Wildlife

Why? Because buffer size is the engine that drives important natural functions like food availability and quality, access to water, habitat variety, protection from predators, reproductive or resting areas, corridors to safely move when necessary, and help in maintaining the health of species' gene pools to prevent isolation and perhaps extinction.



One riparian buffer size does not fit all conditions or needs. There are many riparian buffer functions and the ability to effectively fulfill those functions is largely dependent on width. Determining what buffer widths are needed should be based on what functions are desired as well as site conditions. For example, as shown above, water temperature protection generally does not require as wide a buffer as provision of habitat for wildlife. Based on the needs of wildlife species found in Wisconsin, the minimum core habitat buffer width is about 400 feet and the optimal width for sustaining the majority of wildlife species is about 900 feet. Hence, the value of large undisturbed parcels along waterways which are part of, and linked to, an environmental corridor system. The minimum effective buffer width distances are based on data reported in the scientific literature and the quality of available habitats within the context of those studies.

FOR YOUR INFORMATION

September 22, 2010

- BWSR "Snapshots"

- Follow-Up from the August 26, 2010 Board Meeting
  - Power Point Presentation by Brett Coleman, U.S. Army Corps of Engineers
  - Article in the Metro/State Section of The Forum of Fargo-Moorhead "Diversions have definite differences"

Minnesota Board of Water & Soil Resources

BWSR Snapshots

September 2010

Grand Marais Creek Outlet Restoration Project
Red Lake Watershed District
by Brian Dwight, Board Conservationist

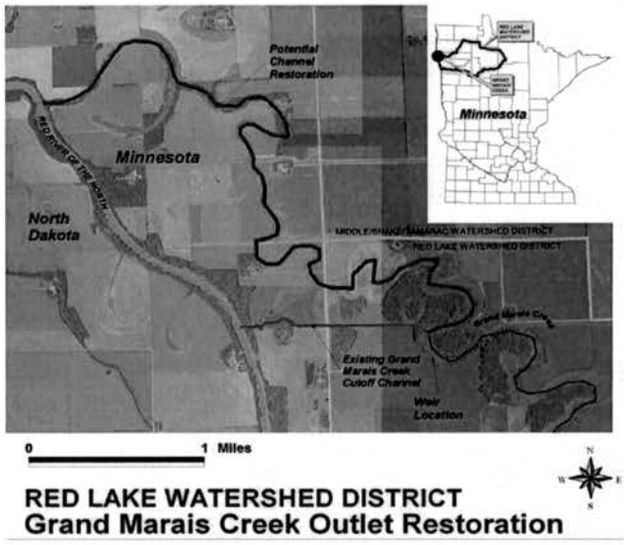
This $5 million outlet repair and restoration project was an integral component of the 2003 Governor's Clean Water Cabinet Pilot Projects.

The Grand Marais Creek is a tributary of the Red River of the North. The project area is located in a rural setting seven miles north of East Grand Forks. In the early 1900s, a joint state-county effort constructed a 1¼-mile cutoff channel to the Red River to eliminate an alleged public nuisance and drainage problem. The cutoff abandoned about six miles of the Grand Marais Creek's natural channel, which resulted in the loss of aquatic and riparian habitat. The cutoff has steep gradients which are a hindrance to fish passage and are causing significant bank sloughing and erosion.

The following components are part of the outlet repair and restoration project:

- Installation of a weir to divert base flows into the natural channel with high flows spilling over the weir and flowing to the Red River of the North by means of the cutoff channel;
- Excavation to remove sediment and restore the natural channel;
- Fish passage/grade control structures, and re-sloping of the cutoff channel to stabilize the channel;
- Creation of a riparian buffer along the restored channel; and
- Culverts and other infrastructure.

$675,000 has been provided by BWSR for land acquisition and native vegetation establishment by means of perpetual easements through the RIM Red River Valley Restoration Initiative Program. Cooperatively, with the West Polk SWCD, the Red Lake Watershed District secured 100% participation of all landowners in the project area. There were 17 applications totaling approximately 470 acres of which 300 acres were cropped and 170 acres were non-cropped. Payment rates were $1,330 for cropped acres and $798 for non-cropped acres.



RED LAKE WATERSHED DISTRICT
Grand Marais Creek Outlet Restoration

The Watershed District provided an additional payment of $670 per acre for cropped and $402 per acre for non-cropped. We are presently in the easement agreement phase with a target of having all easements secured by mid-winter 2010-11. Of this acreage, approximately 350 acres will be seeded to a native seed mix. The remaining acreage is in an existing tree or wetland plant cover. The Red Lake Watershed District is currently pursuing additional funding for the stream restoration (construction) phase of the project.

Grand Marais Creek Flood Damage Reduction Project
In the summer of 2003, Governor Tim Pawlenty announced his vision for a Clean Water Initiative. Part of the initiative was the selection of demonstration projects from four general areas that represent some of the State's most unique and important water challenges.

One area, the Red River Valley, was selected because it faces challenges with flood damage reduction. The Grand Marais Subwatershed Project was selected as one of two flood damage reduction projects in the Red River Valley based on its value to flood damage reduction, natural resource enhancement, ability to obtain measurable results in three years, local support, alignment of local and state priorities, and the transferability of knowledge gained.

The goal of the Grand Marais Creek Subwatershed Project is to adequately protect approximately 40 square miles of rural homes, local infrastructure, and agricultural land from a ten-year frequency storm event as well as reduce sediment loading to the Red River of the North from this subwatershed by 20% with the installation of:

- 1,000 acres of wetland and prairie restoration
- The application of agricultural best management practices over 50% of the subwatershed
- The restoration of six miles of the Grand Marais River
- The construction of two dry gated impoundments
- Public (county) drainage system improvements

Accomplishments to date in the implementation of the Grand Marais Creek Subwatershed / Governor's Clean Water Cabinet Pilot Project are:

- 1,000 acres of wetland and prairie restoration. This objective has been surpassed with the utilization of land retirement programs such as RIM, CRP and WRP. In addition to these programs, the project area was also identified as a target area for a very limited WREP (Wetland Restoration Enhancement Program) program which offered an additional $1 million of WRP funding for this project area.
- The application of agricultural best management practices over 50% of the subwatershed. This objective again has been well surpassed in the drainage area of the two impoundments, which has exceeded the 90% figure. For the remaining project area, more BMP's (buffers and side inlet structures) will be applied as the drainage system improvement component proceeds.
- The restoration of six miles of the Grand Marias River. See above for progress on this component.
- The construction of two gated impoundments. The two impoundments were constructed in the summer of 2006 with being fully operational in the fall of 2007. Accomplishing construction in only four years is a result of the Watershed District's ability to work cooperatively with all the local, state, and federal agencies and landowners. Landowners cooperation with the Watershed District was rooted in an understanding of the need for projects of this nature not only themselves but for the whole Red River Basin.
- Public (county) drainage system improvements. This component is one where the WD has to rely on the landowners to step forward with a petition for a ditch improvement, which has yet to come. However, the current ditch authority (Polk County) and land owners have been actively involved in the development of this project and are well aware of the need to complete this component to achieve the full benefits of this project.

Accomplishing this large-scale project in only seven years speaks well of the commitment of all those involved (landowners, local, state, and federal agencies and non-governmental agencies) that worked cooperatively to accomplish both flood damage reduction and natural resource enhancement objectives. The Red Lake Watershed District's efforts to guide and sponsor a project of this magnitude should not and does not go unnoticed and is appreciated by all.

Rice Creek Watershed District's Blue Thumb Program Recognized by National Geographic

By Marcey Westrick, Metro Region Clean Water Specialist

Community involvement is an important component of watershed management and the Metropolitan Area Watershed Management Rule (MN Rule 8410) prescribes that watershed organizations, at a minimum, outline their goals and policies relating to public participation.

The Rice Creek Watershed District (RCWD) is an example of an organization that has far exceeded this minimal requirement with its Blue Thumb Program. The Blue Thumb Program was started by the RCWD as an outreach program to meet water quality goals identified in their watershed plan and to help their cities meet their federal Clean Water Act mandates. Now Blue Thumb reaches beyond the Rice Creek Watershed District boundaries. There are nearly 60 Blue Thumb partner organizations in and around Minnesota, and in just three years, the partnership has launched thousands of individual and community projects. Their effort was recognized this summer by National Geographic's Blue Legacy Team.

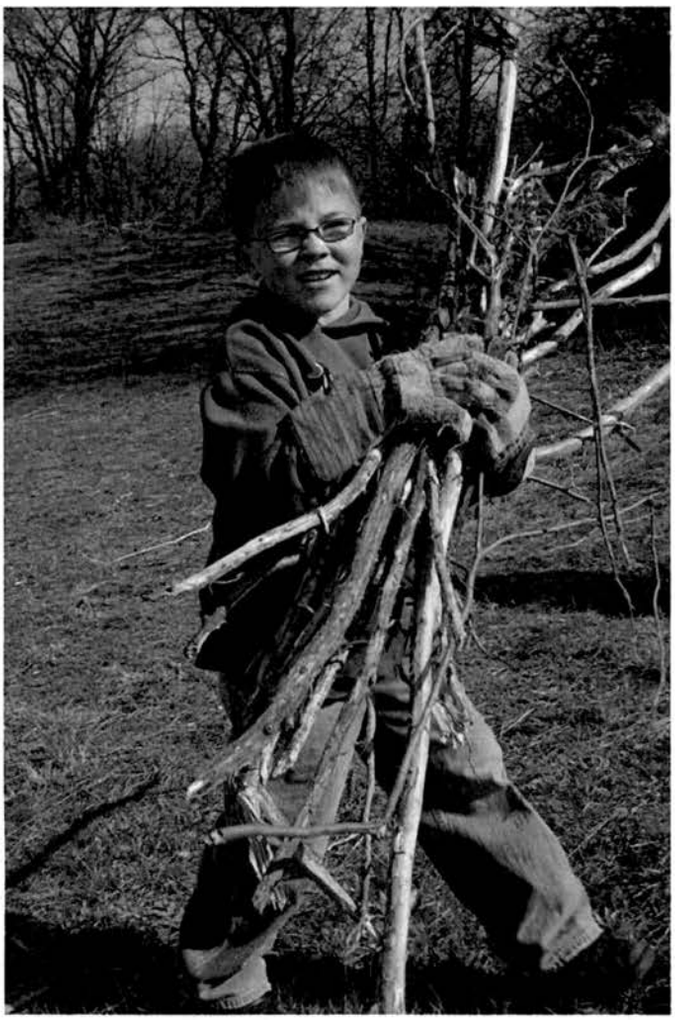
For more information about the Blue Thumb Program go to http://www.bluethumb.org/.

Blue Thumb
PLANTING FOR CLEAN WATER™

Valuing Community Focused Conservation

By Dan Shaw, Vegetation Specialist/Landscape Ecologist

While managing programs we are often focused on outcomes, such as pounds of sediment reduced, number of native species established, or acres of spotted knapweed controlled - but some less tangible benefits can be equally important. An example is the strengthening of communities that is often part of our conservation efforts. Volunteers of all ages are playing an increasing role in BWSR programs through activities such as seeding prairies, stabilizing shorelines and removing invasive weeds. Three projects featured in this article showcase BWSR Native Buffer projects that have helped build communities as well as natural systems. Community engagement is particularly important during times of challenging budgets, as volunteer involvement can be an effective way to bring partners together and maximize project funds. Youth involved in these projects are also gaining a greater appreciation of the outdoors, and hopefully developing a conservation ethic that will lead to a lifetime of action.



Hauling Brush

Austin Buffer Planting

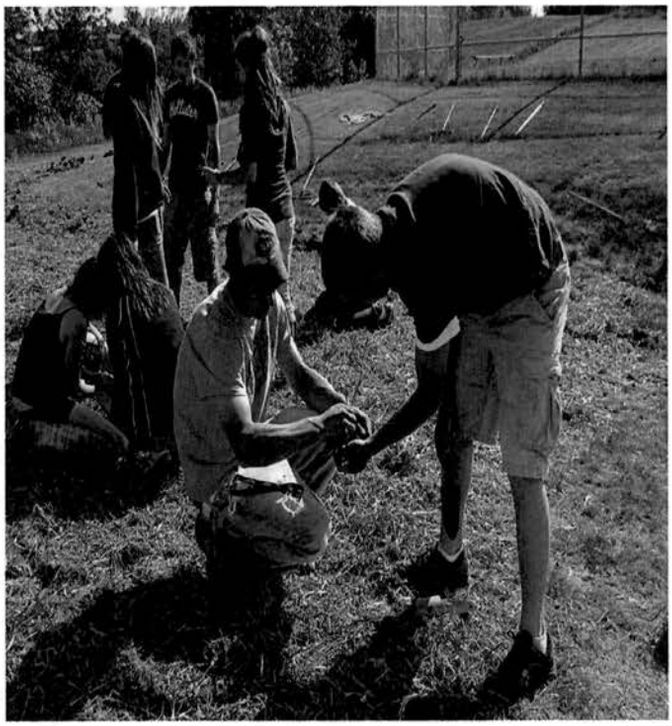
An environmental class from Austin High School in Mower County worked together with other volunteer groups to establish a native vegetation buffer to protect Mill Pond and the Cedar River.

The Austin chapter of the Izaak Walton League, Mower SWCD, the non-profit organization Minnesota Waters, the City of Austin, and the DNR partnered to install 1.5 acres of prairie and a raingarden to capture and infiltrate runoff adjacent to a popular walking trail and foot bridge. In addition to the prairie conversion, a 4000 square foot interpretive area was also established. Funding was provided by the BWSR Native Buffer Program and a grant from Minnesota Waters; technical support was provided by the Minnesota DNR.

An environmental class from Austin High School

Albany High School Project

This project used the first round of Native Buffer Program funding in 2008 and involved planting native prairie vegetation at Albany High School in Stearns County. The project was designed to infiltrate stormwater, provide wildlife habitat and protect nearby lakes. The site was planted by the students in the spring of 2009 and is now used as an outdoor learning lab for elementary, middle and high school students. Students continue to learn about prairie establishment as they maintain the project and watch it develop.



Albany High School prairie restoration project

Uncus Dunes Buffer Project

The Uncas Dunes Project is located at a natural area in Shurburne County that supports some of the best oak savanna and dune habitat in the state. The site consists of two separate units that include high quality wetlands and buffer Lake Ann and the St. Francis River. Led by the non-profit organization Great River Greening, 254 volunteers of all ages have been involved in collecting and spreading native plant seed, and removing invasive brush during six volunteer events. An area that was a pine plantation is also be converted to prairie grasses and flowers. Volunteer efforts have increased native plant diversity, improved habitat for 9 state-listed rare plant/animal species, and improved water quality through enhanced vegetative cover.

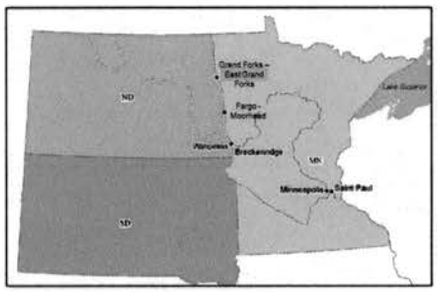
Cooperative Log Hauling

Grand Forks, ND
East Grand Forks, MN

Wahpeton, ND
Breckenridge, MN

Fargo, ND
Moorhead, MN

Vicinity Map



Grand Forks – East Grand Forks

Long History of Flooding

The Red River of the North flows north, often flooding at the south end while the northern reaches are still ice covered.

Flooding has been an issue since the early 1800's. The top 6 flood events were in 1997, 1897, 2009, 1979, 1882 and 2006.

Grand Forks/East Grand Forks 1997 Flood

- ✓90% of population evacuated (46,000 people)
- ✓Almost $2 billion in damages
- ✓8,600 homes damaged

Flooding

2006 Crest of 47.7 feet = 30-year event.

With the permanent flood project 85% complete, the 2006 flood offered an opportunity to test the system.

2009 Crest of 49.39 feet = 3rd Highest

The system, operated by the Cities, performed as designed with some modifications recommended.

2010 Crest of 45.87 feet

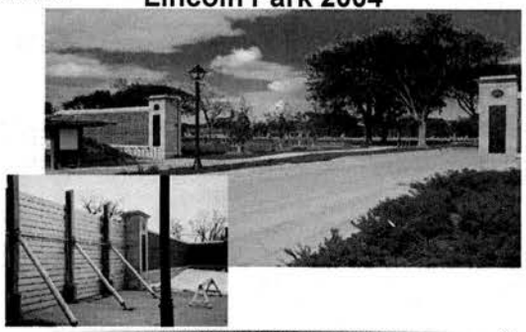
Flood Damage Reduction Project

- ✓ Project will provide 250-year protection.
- ✓ 30 miles of levees and 3 miles of floodwall
- ✓ 24 miles of recreational trails and 7 trailheads.
- ✓ 23 pump stations
- ✓ Corps certified majority of the project on 26 Jan 07.

Lincoln Drive Area 1997

Lincoln Park Area 2003

Lincoln Park 2004



Riverside Dam

Before

After

St. Anne's Protected by Adjacent Floodwall

Floodwalls

- ✓ Grand Forks
  - ✓ 9,000 Lineal Feet
  - ✓ 8 - 17 Feet Exposed Height
  - ✓ 3 Feet Higher than Levees

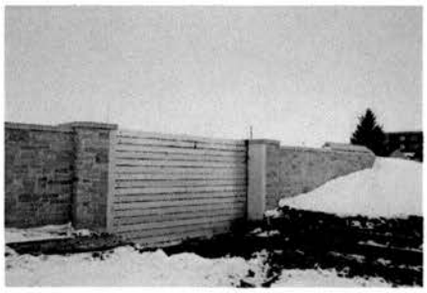
- ✓ East Grand Forks
  - ✓ 6,000 Lineal Feet
  - ✓ 8 – 15 Feet Exposed Height
- ✓ Reinforced Concrete
- ✓ Aesthetics

Closures

- ✓ Steel Flood Barriers
  - ✓ Less impact on traffic
  - ✓ Erectable
  - ✓ More Cost
  - ✓ More Operation and Maintenance
  - ✓ Need to trial assemble
  - ✓ Inventory

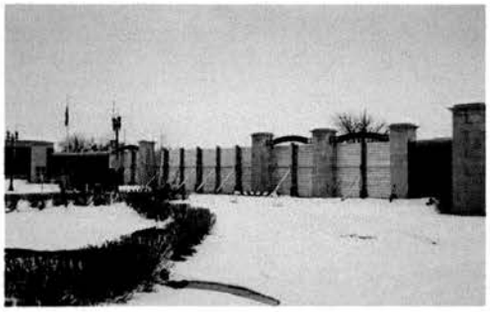
Railroad Closures

Flood 2009 EGF RR Closure



Flood 2009 East Grand Forks Downtown Floodwall

Flood 2009 Grand Forks Demers Ave Closure



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Levees and Diversions

Levees

- ✓ 48,000 Linear feet (9.1 miles) of Levee in Grand Forks
- ✓ 101,000 Linear feet (19.2 miles) of Levee in East Grand Forks

Diversions

- ✓ Heartsville Diversion in EGF is 6170 feet long
- ✓ English Coulee Diversion in GF is 9.5 miles long

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Pump Station Design

- ✓ Total of 23 pump stations, ranging in size from 6,000 gpm to 116,000 gpm
- ✓ All submersible pumps except for English Coulee
- ✓ Balance number of stations versus capability of each city to operate and maintain
- ✓ Supply contracts for pumps, generators, controls

Pump Stations Blend into Neighborhoods

Pump Stations Blend Into Neighborhoods

- ✓ East Grand Forks Example

Breckenridge and Wahpeton Projects

Breckenridge/Wahpeton FDR Projects

- ✓ 1997 Flood of Record
  - ✓ Flood Crests of 19.4' and 19.2' (Flood Stage 10')
  - ✓ $860,000 in Advanced Measures/Emergency Ops.
  - ✓ 800 homes damaged; 130 homes demolished (10% of city)
  - ✓ Damages to Breckenridge in excess of $35 million.
  - ✓ Received $50 Million in Federal funding for post-flood relief

Breckenridge/Wahpeton FDR Projects

- ✓ Breckenridge Feasibility Study:
  - ✓ NED Plan: Diversion Channel, Permanent levee/floodwall system and Wahpeton Breakout Flowage Easements
  - ✓ $22.2 Million Federal project
  - ✓ Approved in 2001 and specifically authorized by WRDA 2000.
- ✓ Wahpeton Feasibility Study:
  - ✓ NED Plan: Permanent levee/floodwall system, Breakout Flowage Easements and Breckenridge Diversion Channel,
  - ✓ $11 Million Federal project
  - ✓ Approved in 2001 and implemented under the CAP 205 program.

Breckenridge/Wahpeton FDR Projects

- ✓ Supplemental Information
  - ✓ In addition to the Mississippi Valley Division Section 205 report review, a Headquarters Budgetary Review was completed in March 2002 (after Breckenridge was specifically authorized and appropriated for construction). As a result, Supplemental Information was generated to fully document the NED formulations for a combined Breckenridge-Wahpeton formulation.
  - ✓ Channel, breakout and levee features were incrementally justified
  - ✓ Combined B/C = 1.7
  - ✓ Level of Protection = 110-year

Breckenridge/Wahpeton Floods

- ✓ 2001 Flood
  - ✓ Flood Crest 16.94' (Flood Stage 10')
  - ✓ 6.6 miles of emergency levees constructed
  - ✓ $500,000 in Advanced Measures/ Emergency Operations
- ✓ 2006 Flood
  - ✓ Flood Crest 15.93' (Flood Stage 10')
  - ✓ Constructed diversion channel reduced flood stage by 1.5 ft Constructed diversion channel reduced flood stage by 1.5 ft
  - ✓ $26 Million in damages averted

Breckenridge/Wahpeton Floods

- ✓ 2009 Flood
  - ✓ Flood Crest 17.5' (Flood Stage 10')
    - ✓ 3rd highest historic crest
    - ✓ Flood of Record for Discharge
  - ✓ $400,000 in Advanced Measures/ Emergency Operations
  - ✓ Constructed diversion channel reduced flood stage by 2.1 ft and prevented $46 Million in damages.
  - ✓ Would have been Flood of Record without Diversion in place.

✓ **Benefits:** The diversion channel completed in Spring 2005 has reduced the flood stage in both Cities by 1.5-2.1 ft., resulting in reduced flood damages of $72 million.

Fargo-Moorhead Metropolitan Feasibility Study

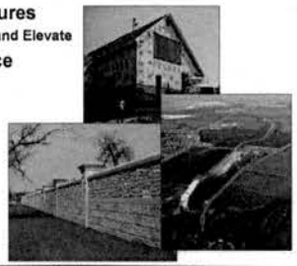
CITY OF MOORHEAD MINNESOTA

CITY OF Fargo

US Army Corps of Engineers BUILDING STRONG®

Alternatives Considered:

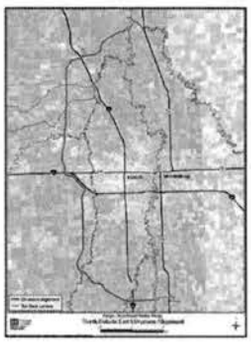
- ✓ No Action: Continue Emergency Measures
- ✓ Nonstructural Measures
  - ✓ Buyouts, Relocations and Elevate
- ✓ Increase Conveyance
  - ✓ Diversion Channels
- ✓ Flood Barriers
  - ✓ Levees/Floodwalls
- ✓ Flood Storage
  - ✓ Large/Small



- ✓ Comparison of alternatives determined a diversion channel was effective and met the needs of the sponsors.
- ✓ Various diversion capacities were reviewed
  - ✓ MN 20k – 20,000 cubic feet per second (cfs) capacity
  - ✓ MN 25k – 25,000 cfs
  - ✓ MN 30k – 30,000 cfs
  - ✓ MN 35k – 35,000 cfs
  - ✓ MN 40k – 40,000 cfs
  - ✓ MN 45k – 45,000 cfs
  - ✓ ND 30k – 30,000 cfs
  - ✓ ND 35k – 35,000 cfs

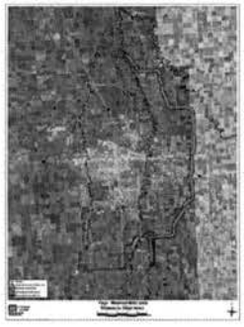
North Dakota alignment:

- ✓ 30K and 35K cfs
- ✓ 36 mile-long channel
- ✓ 3.3 miles of tie back levee
- ✓ Structures needed
  - ✓ 2 Control structures
  - ✓ 2 River aqueducts
  - ✓ 2 Tributary drop structures
  - ✓ 3 Drop structures
  - ✓ 18 Highway bridges
  - ✓ 4 Railroad bridges



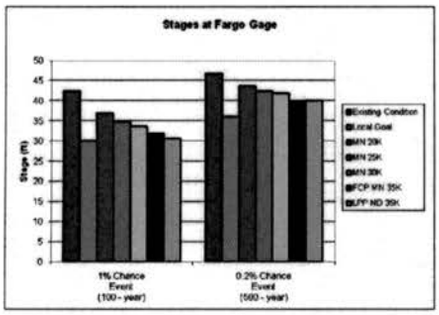
Minnesota alignment:

- ✓ 20, 25, 30, 35, 40, and 45K cfs
- ✓ 25 mile-long channel
- ✓ 9.9 miles of tie back levee
- ✓ Structures needed
  - ✓ 1 Control structure
  - ✓ 1 Drop structure
  - ✓ 0 River crossings
  - ✓ 20 Highway bridges
  - ✓ 4 Railroad bridges



US Army Corps of Engineers, Mississippi Valley Division

Effectiveness of Diversions:



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US Army Corps of Engineers, Mississippi Valley Division

Recreation:

✓**Conceptual Plan**
- ✓ 48-miles of trails
- ✓ Benches every two miles
- ✓ 2 – Shared-use bridges
- ✓ 2 – Pedestrian-only bridges over diversion
- ✓ 3 – Trail heads
- ✓ Rest rooms
- ✓ Potable water
- ✓ Picnic facilities
- ✓ Trees and Shrubs

✓ **Average Annual Benefits – $13,147,000**

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US Army Corps of Engineers, Mississippi Valley Division

Locally Preferred Plan :

✓ **Identification of Locally Preferred Plan (LPP)**
- ✓ **The Local sponsor identified the ND 35k diversion channel as the LPP, and reaffirmed their commitment on May 26, 2010.**
- ✓ **Waiver obtained from Assistant Secretary of the Army for Civil Works**

Tentatively Selected Plan:

✓ The North Dakota 35k diversion channel is the tentatively selected plan.

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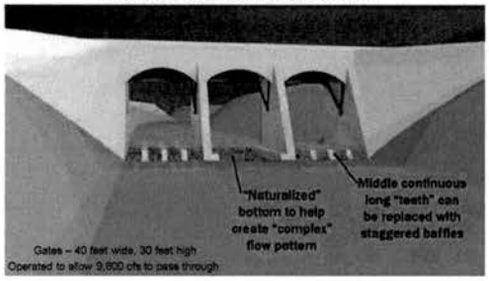
US Army Corps of Engineers, Mississippi Valley Division

Schematic of proposed Red River Control Structure without flow



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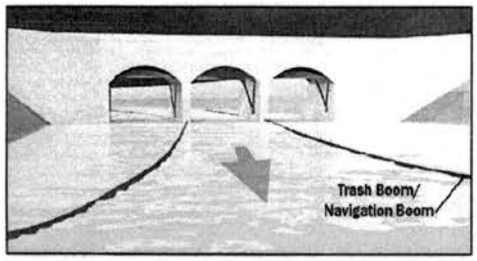
US Army Corps of Engineers, Mississippi Valley Division

Schematic of proposed Red River Control Structure with flow



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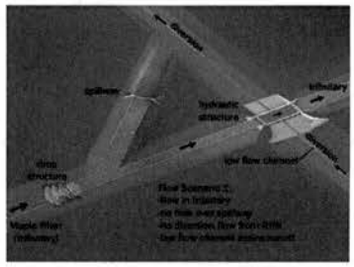
US Army Corps of Engineers, Mississippi Valley Division

Flow in Maple River, no flow over spillway or in diversion.



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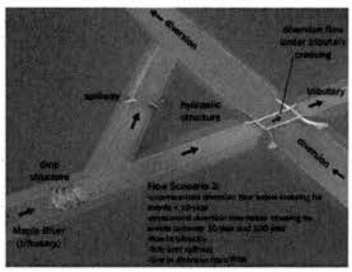
Flow in Maple River, flow over spillway, and flow in diversion



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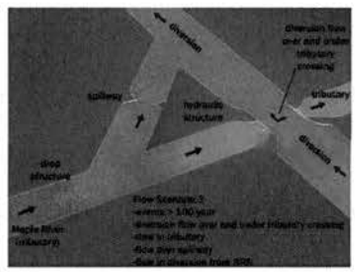
Maple River and Diversion flows, Diversion overtops Maple River.



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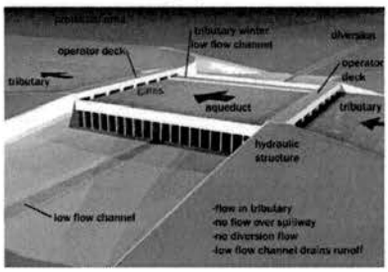
Flow in Maple River, no flow over spillway or in diversion, looking upstream at structure.



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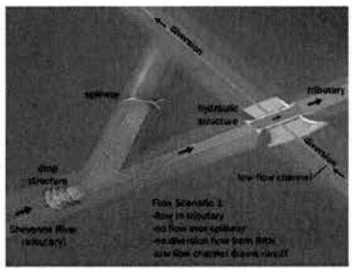
Flow in Sheyenne River, no flow over spillway or in diversion



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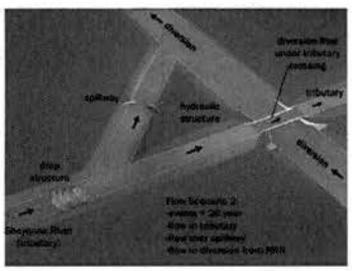
Flow in Sheyenne, flow over spillway and flow in diversion



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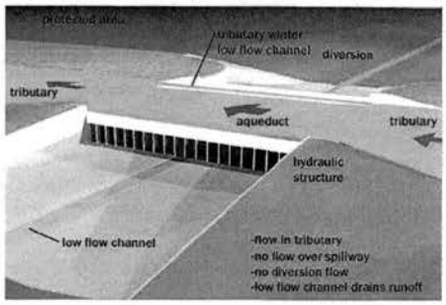
Flow in Sheyenne River, no flow over spillway or in diversion looking at structure



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Mississippi Valley Division

Summary

- ✓ Briefly discussed the projects at
  - ✓ Grand Forks - East Grand Forks
  - ✓ Breckenridge – Wahpeton
  - ✓ Fargo - Moorhead
- ✓ There are many partners involved to have a successful project

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US Army Corps of Engineers
Mississippi Valley Division

Thank You

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METRO/STATE

Sunday, August 8, 2010 The Forum of Fargo-Moorhead Section C

Diversions have definite differences

F-M plan dwarfs upstream Red channel

By Dave Olson
dolson@forumcomm.com

When the U.S. Army Corps of Engineers built a river diversion to protect Wahpeton, N.D. and Breckenridge, Minn., it determined the project would have "minimal" impacts downstream, and the agency didn't spell out specific river stage changes for cities like Fargo.

That was fine with Dennis Walaker.

Now the mayor of Fargo, Walaker has been watching the Red River closely ever since he first went to work for the city in 1974.

When Wahpeton and Breckenridge began planning a diversion after the flood of 1997, Fargo didn't protest the project because it understood upstream neighbors had few options, according to Walaker.

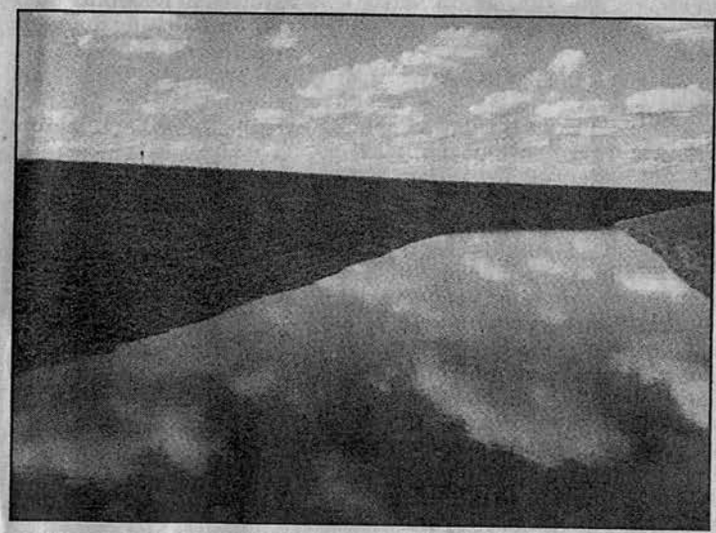
"They needed to do something," he said. "We did not put up any opposition because we do feel it (the diversion) provides them with some significant benefit.

"And that's what we're talking about here, too," said Walaker, referring to a Red River diversion proposed for the Fargo-Moorhead area that has met with organized opposition from downstream communities.

The corps has identified specific downstream impacts reflecting potential river stage increases ranging from 8.4 inches for Georgetown, Minn., to 25.3 inches for Climax, Minn.

Those numbers pertain to a 100-year flood, of which

DIVERSIONS: Page C12



Heavy rains sent water flowing through a diversion channel northeast of Wahpeton, N.D., and Breckenridge, Minn., in this June 2009 photo. The 3.5-mile channel was created as part of flood mitigation efforts following the 1997 flood.

Forum file photo

there is a 1 percent chance every year.

Local and federal officials who favor a Fargo-Moorhead diversion said they will work on ways to reduce downstream impacts, including the possibility of dams to hold back water.

"Everybody gets excited about these (downstream) numbers," Walaker said.

But if Fargo and Moorhead flood, he said, the entire region will suffer along with them.

"Do they (non-metro residents) think their jobs are going to be there if we do lose an event?

"We can't afford a failure in the city of Fargo. That's what it's all about," Walaker said.

Money saver

Completed in 2005, the Wahpeton-Breckenridge diversion channels water from the Otter Tail River before that river meets the Bois de Sioux River in downtown Wahpeton-Breckenridge to form the Red River.

Water in the diversion joins the Red River a few miles north of Wahpeton and Breckenridge.

Built at a cost of between $7 million and $8 million, the diversion is believed to have prevented $26 million in damage from flooding in 2006 and $46 million in damage during the 2009 flood, according to corps figures.

Breckenridge Mayor Cliff Barth said that when the diversion was being studied, federal officials told local officials the diversion would have no adverse effects on downstream communities.

"The first question I asked was, 'What's that going to do to my neighbors to the north?' That was my concern," Barth said.

"There was basically no change to anybody to the north, is what I was told," said Barth.

'Minimal' impact

A feasibility study completed by the corps in 2000 concluded downstream impacts from a Wahpeton-Breckenridge diversion would be minimal, though no specific river stage effects were identified, according to Terry Williams, current project manager for the diversion.

"I use the word 'minimal' very cautiously because as we know, an inch of water means a whole lot to somebody downstream," Williams added.

She said the specific to zero than it is to a foot, "but without doing detailed modeling, you couldn't get it down to the inches."

When Grand Forks, N.D., and East Grand Forks, Minn., embarked on flood-control projects following the 1997 flood, the corps analyzed potential upstream impacts and determined there were none, according to hydraulic engineer Mike Lesher.

He said the corps also did an analysis of downstream impacts and determined that during a flood, the Red River would rise an extra 1.6 inches immediately downstream of Grand Forks.

Lesher said the downstream impact at Oslo, Minn., was deemed to be half an inch, while at Drayton, N.D., the effect on river stage was estimated at 0.6 of an inch.

Grand Forks and East Grand Forks chose levees and removing structures from the flood plain as their main strategy for dealing with flooding.

Walaker said it's difficult to know what effect the Wahpeton-Breckenridge diversion has had on Fargo flooding, if any.

For many years, he said, there was a three- or four-day lag between when the Red River crested in Wahpeton-Breckenridge and when it crested in Fargo-Moorhead, but that time period has dropped to about a day.

However, he added, that phenomenon started before the Breckenridge diversion was completed.

Barth said the effect of the diversion on his town has been 100 percent positive.

He said 2010 was the "best year we've had in a long time" in terms of flooding.

Deadline looms

Monday is an important deadline for a Red River diversion for Fargo-Moorhead. It is the final day the corps will take input on the environmental impact statement and draft plan for North Dakota and Minnesota alternatives.

If there is no significant opposition to the environmental studies and draft plan, the corps will move forward with the approval process.

But if significant problems are found and more study is needed, corps officials have said the project could be derailed.

Project managers have said a significant delay will make it impossible to complete the approval process by December, when the project is scheduled to be included in a congressional water projects bill.

Two diversions

The diversion that protects the Wahpeton, N.D., and Breckenridge, Minn., area was completed in 2005 at a cost of between $7 million and $8 million.

The Red River diversion proposed for the Fargo-Moorhead area is currently expected to cost about $1.5 billion.

Here are some other differences in the two projects:

▶ The Wahpeton-Breckenridge diversion extends about 3½ miles, diverting a portion of the Otter Tail River's flow.

As now envisioned, a Fargo-Moorhead diversion on the North Dakota side of the Red River would be about 36 miles long.

▶ The Wahpeton-Breckenridge diversion has a design flow of 3,500 cubic feet of water per second, though in the 2009 flood it carried 5,400 cfs.

A North Dakota diversion being considered for Fargo and Moorhead would carry about 35,000 cfs.

▶ About 1 million cubic yards of earth were removed for the Wahpeton-Breckenridge diversion.

It is estimated a Fargo-Moorhead diversion would require excavating 67 million cubic yards of earth.

– Dave Olson

Inforum searchword: flooding

Reporter Helmut Schmidt contributed to this report

Readers can reach Forum reporter Dave Olson at (701) 241-5555

Minnesota Board of Water & Soil Resources

DATE: October 19, 2010

TO: Board of Water and Soil Resources' Members, Advisors, and Staff

FROM: John Jaschke, Executive Director

SUBJECT: October 27, 2010 Board Meeting Notice

The Board of Water and Soil Resources (BWSR) will meet on Wednesday, October 27, 2010, beginning at 9:00 a.m. The meeting will be held in the lower level Board Room at 520 Lafayette Road N., St. Paul. Parking is available in the lot directly in front of the building (use hooded parking areas).

The following information pertains to agenda items:

COMMITTEE MEETINGS

Metro Water Planning Committee

1. **Delegation of Authority** - Proposed amendments to WMO watershed management plans in the seven county metropolitan area can follow the minor plan amendment process or the regular plan amendment process. Minor plan amendments do not come before the Board for approval whereas regular plan amendments require Board approval. The time period allowed for the Board to make a decision on which amendment process must be followed cannot always be met in consideration of the Board's meeting schedule. Delegation of authority to the Executive Director is desirable. On October 14, 2010 the Metro Water Planning Committee met and unanimously recommends the attached draft resolution be approved by the full Board. ***DECISION ITEM***

2. **Carver County WMO (CCWMO) Revised Plan** - The CCWMO was established on October 30,1996 upon the dissolution of Bevens Creek, Carver Creek, Chaska Creek, Hazeltine Bavaria Creek, and South Fork Crow River Joint Powers Watershed Management Organizations. The CCWMO encompasses nearly the entire county at 320 square miles in size. Citizen, stakeholder, and state agencies' input was sought via an open house, website, "Watershed Management email listserv", and newspaper articles and announcements. The Plan outlines a good framework for protecting the water resources of the WMO with a mix of structural, non-structural, and programmatic solutions. The Metro Water Planning Committee met on October 14, 2010, with a presentation on highlights of the plan and planning process from WMO Administrator Paul Moline and Planning Technician Kristen Larson. After review of information, the Committee decided with a unanimous vote to recommend approval of the Plan by the Board per the attached draft Order. ***DECISION ITEM***

Bemidji 701 Minnesota Ave., Suite 234 Bemidji, MN 56601 (218) 333-8024

Brainerd 1601 Minnesota Drive Brainerd, MN 56401 (218) 828-2383

Duluth 394 South Lake Ave., Room 403 Duluth, MN 55802 (218) 723-4752

Fergus Falls 1004 Frontier Drive Fergus Falls, MN 56537-2505 (218) 736-5445

Marshall 1400 East Lyon St., Box 267 Marshall, MN 56258 (507) 537-6060

Mankato 1160 Victory Drive S., Suite 5 Mankato, MN 56001-5358 (507) 389-1967

New Ulm 261 Highway 15 South New Ulm, MN 56073 (507) 359-6074

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Northern Water Planning Committee

1. **Becker County Comprehensive Local Water Management Plan Amendment** - The Northern Water Planning Committee met on October 13, 2010 to review the Becker County 2010 Plan Amendment. The Committee recommends approval of the Plan Amendment with the suggestion that an objective be added pertaining to groundwater testing in the areas of the County with irrigated croplands. See attachments. ***DECISION ITEM***

2. **Lake County Local Water Management Plan Amendment** – The Northern Water Planning Committee met on October 13, 2010 to review the Lake County Plan Amendment. The October 26, 2005 BWSR Order approving the 10-year plan required a review and update of the implementation plan in five years or by the end of year 2010. The Committee recommends approval of the Plan Amendment. See attachments. ***DECISION ITEM***

RIM Reserve Management Planning Committee (RRMPC)

1. **RIM Reserve Southern Minnesota Flood Disaster Response** – The RIM Reserve Management Planning Committee met on October 18, 2010 to review and recommends approval of the attached resolution to implement the 2010 RIM Reserve Special Session Flood Disaster Response. ***DECISION ITEM***

NEW BUSINESS

1. **Minnesota Lake Superior Coastal Program Grant Application Resolution** – Funding is available through the Minnesota Lake Superior Coastal Program from the National Oceanic and Atmospheric Administration to coordinate educational opportunities in the Lake Superior basin. Staff is requesting approval of the required resolution to submit an application to obtain funding for State and local government unit staff to attend fluvial geomorphology training. The training will enhance local technical capacity to implement coastal water quality measures and coordination between State and local government unit staff in the Lake Superior basin. See attachments. ***DECISION ITEM***

2. **FY 2011 SWCD Grant Allocations – Cost Share Allocation, Amend Board Resolution #10-57**- The Board is requested to adopt a resolution to correct Resolution #10-57 adopted on June 23, 2010. The resolution includes incorrect sources of funds for the State Cost Share Base Grant allocation. See attachments. ***DECISION ITEM***

3. **2010 (FY11) Southern Minnesota Flood Relief** - A federal disaster was declared in 21 counties of south central and southeast Minnesota on October 14, 2010 due to flooding resulting from heavy rains (additional counties may be added). A special session was held on October 18; $10M was appropriated for RIM and $3M for Cost Share. The attached resolution and policy have been reviewed by the Grants Program and Policy Committee. ***DECISION ITEM***

4. **SSTS Imminent Health Threat Abatement and Feedlot Water Quality Continuous Sign-up Grant Programs** - Staff conducted continuous sign-ups or applications for SSTS Imminent Health Threat and Feedlot Water Quality Continuous Sign-up Grant Programs from July 1 to August 15, and a second round of sign-ups was held for the Feedlot Water Quality Grants. Based on Board Resolution #10-62 staff funded 54 SSTS applications and 18 feedlot applications. See attachments. ***INFORMATION ITEM***

5. **MNDOT-BWSR Cooperative Wetland Replacement Program** – BWSR and MNDOT are entering into another five-year agreement to continue the successful partnership on the Wetland Replacement Program. This presentation will provide information on the accomplishments of this cooperative effort and where we plan on going in the next five years. ***INFORMATION ITEM***

If you have any questions regarding the agenda, please feel free to give me a call at 651-296-0878. The Board meeting will adjourn about noon. I look forward to seeing you on October 27th!

BOARD OF WATER AND SOIL RESOURCES
520 LAFAYETTE ROAD N.
ST. PAUL, MINNESOTA 55155
WEDNESDAY, OCTOBER 27, 2010

PRELIMINARY AGENDA

9:00 AM CALL MEETING TO ORDER

PLEDGE OF ALLEGIANCE

ADOPTION OF AGENDA

MINUTES OF SEPTEMBER 22, 2010

PUBLIC ACCESS FORUM (10-minute agenda time, two-minute limit/person)

CONFLICT OF INTEREST DECLARATION

ELECTION OF TEMPORARY VICE-CHAIR (tentative)

REPORTS

- Acting Chair – Paul Brutlag
- Executive Director – John Jaschke
- Dispute Resolution Committee – Paul Brutlag
- Wetlands Committee – LuAnn Tolliver
- Grants Program & Policy Committee – Louise Smallidge
- Public Relations, Outreach & Strategic Planning Committee – Brian Napstad
- RIM Reserve Planning Committee – Paul Brutlag
- Drainage Work Group – Tom Loveall
- Administrative Advisory Committee – Paul Brutlag

COMMITTEE RECOMMENDATIONS
Metro Water Planning Committee

1. Delegation of Authority – Jim Haertel – ***DECISION ITEM***

2. Carver County WMO (CCWMO) Revised Plan – Jim Haertel – ***DECISION ITEM***

Northern Water Planning Committee

1. Becker County Comprehensive Local Water Management Plan Amendment – Keith Mykleseth – ***DECISION ITEM***

2. Lake County Local Water Management Plan Amendment – Brian Napstad – ***DECISION ITEM***

RIM Reserve Management Planning Committee

1. RIM Reserve Southern Minnesota Flood Disaster Response – Kevin Lines – ***DECISION ITEM***

NEW BUSINESS

1. Minnesota Lake Superior Coastal Program Grant Application Resolution – Steve Woods – ***DECISION ITEM***

2. FY 2011 SWCD Grant Allocations – Cost Share Allocation, Amend Board Resolution #10-57- Dave Weirens – ***DECISION ITEM***

3. 2010 (FY11) Southern Minnesota Flood Relief – Dave Weirens – ***DECISION ITEM***

4. SSTS Imminent Health Threat Abatement and Feedlot Water Quality Continuous Sign-up Grant Programs – Dave Weirens – ***INFORMATION ITEM***

5. MNDOT-BWSR Cooperative Wetland Replacement Program – Dave Weirens - ***INFORMATION ITEM***

AGENCY REPORTS

- Minnesota Department of Agriculture – Rob Sip
- Minnesota Department of Health – John Linc Stine
- Minnesota Department of Natural Resources – Larry Kramka
- Minnesota Extension Service – Faye Sleeper
- Minnesota Pollution Control Agency – Rebecca Flood

ADVISORY COMMENTS

- Association of Minnesota Counties – Annalee Garletz
- Minnesota Association of Conservation District Employees – Felicia Brockoff
- Minnesota Association of Soil and Water Conservation Districts – LeAnn Buck
- Minnesota Association of Townships – Sandy Hooker
- Minnesota Association of Watershed Districts – Ray Bohn
- Natural Resources Conservation Service – Tim Koehler

UPCOMING MEETINGS

- Next BWSR Board Meeting – December 15, 2010 in St. Paul

Noon **ADJOURN**

Board of Water and Soil Resources
Grants Conflict of Interest Declaration

Meeting: 2010 Southern Minnesota Flood Relief **Date: October 27, 2010**

Policy 08-01: Grants Conflict of Interest Minnesota state agencies must work to deliberately avoid both actual and perceived conflicts of interest related to grant-making at both the individual and organizational levels. When a conflict of interest concerning state grant-making exists, transparency shall be the guiding principle in addressing it.

Grant Making Meeting Procedure
Meetings that are part of the grant making process will include an agenda item to identify and disclose actual or perceived conflicts of interest. During this agenda item, the chair of the meeting shall make a statement that defines what a conflict of interest is and a request that meeting participants disclose any actual or perceived conflicts. This statement is as follows:

Agenda Item: Conflicts of Interest Declaration.
Chair Statement: *"A conflict of interest whether actual or perceived occurs when someone in a position of trust has competing professional or personal interests and these competing interests make it difficult to fulfill professional duties impartially. At this time, members are requested to identify any potential conflicts of interest they may have regarding today's business."*

This form provides Board of Water and Soil Resources (BWSR) grant reviewers an opportunity to disclose any conflicts of interest, or potential for conflicts of interest that exist during a grant making process. It is the grant reviewer's obligation to be familiar with the Conflict of Interest Policy for State Grant-Making and to disclose any conflicts of interest. The grant reviewer is not required to explain the reason for the conflict of interest as this form is considered public data under Minn. Statute 13.599-Grants. **A disclosure does not automatically result in the grant application reviewer being removed from the review process.**

Please read the descriptions of conflict of interest below and mark the appropriate box that pertains to you and your status as a reviewer of this grant.

Descriptions of conflicts of interest: - A conflict of interest shall be deemed to exist when a review of the situation by the grant reviewer (or other agency personnel) determines any one of the following conditions to be present:

(a) A grant reviewer uses his/her status or position to obtain special advantage, benefit, or access to the grantee or grant applicant's time, services, facilities, equipment, supplies, badge, uniform, prestige, or influence.

(b) A grant reviewer receives or accepts money or anything else of value from a state grantee or grant applicant or has equity or a financial interest in or partial or whole ownership of an applicant organization.

(c) A grant reviewer is an employee of a grant applicant or is a family member of anyone involved in the grantee or grant applicant's agency.

(d) A grant reviewer is in a position to devise benefit by directly influencing a grant-making process to favor an organization the grant reviewer has an interest in.

- ☐ Based on the descriptions above, I do not have a conflict of interest.
- ☐ Based on the descriptions above, I have or may have an actual or perceived conflict of interest, which I am listing below. *(The grant reviewer should list the specific grant-making evaluation, recommendation, or allocation with which they may have a conflict of interest. The grant reviewer may describe the nature of the conflict in the space below, but this information is not required since this form is considered public information.)*

  _____
  _____
  _____
  _____
  _____

  (*continue below or on an attachment if needed*)

- ☐ Based on the descriptions above, I am unable to participate in this evaluation, recommendation or allocation process because of a conflict of interest.

If at any time during the grant-making process I discover a conflict of interest, I will disclose that conflict to the meeting chair immediately.

Name:_____

Signature:_____

All forms must be submitted to the lead staff for the meeting and filed with the meeting agenda by the BWSR Grant Coordinator upon completion.

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Dispute Resolution Committee Report

Meeting Date: October 27, 2010

Agenda Category: ☐ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☐ Decision ☐ Discussion ☒ Information

Section/Region: Land and Water Section

Contact: Travis Germundson

Prepared by: Travis Germundson

Reviewed by: _____ Committee(s)

Presented by: Travis Germundson

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED
None

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Dispute Resolution Committee Report. The report provides a monthly update on the number of appeals filed with the BWSR.

Dispute Resolution Report
October 15, 2010,
By: Travis Germundson

There are presently **14** appeals pending. All of the appeals involve WCA except File 10-10. There have been no new appeals filed since the last report dated September 22, 2010 (Board Meeting).

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Format note: New appeals that have been filed since last report to the Board.
~~Appeals that have been decided since last report to the Board.~~

File 10-13 (8-30-10) This is an appeal of a restoration order in Benton County. The appeal regards the placement of approximately 5,663 square feet of earthen material/demolition debris in a Type 2/3 wetland. No decision has been made on the appeal. *The appellant has granted BWSR additional time to make a final decision.*

File 10-12 (8-27-10) This is an appeal of a restoration order in St. Louis County. The appeal regards the excavation and filling of approximately 43,394 square feet of wetland and the construction of over 1,000 feet of drainage ditches. The appeal has been placed in abeyance and the restoration order stayed to allow the LGU to respond to the data practices request and for the TEP to convene and develop written findings. *The appellant has recently applied for an after-the-fact wetland application to retain the open water areas on the site.*

File 10-10 (6-10-10) This is an appeal filed under Minn. Stat. 103D.535 regarding an order of the managers of the Wild Rice Watershed District not to go forward with the Upper Becker Dam Enhancement Project as proposed. Appeals filed under 103D.535 require that the Board follow the Administrative Procedures Act. The Act requires that the hearing be conducted by an Administrative Laws Judge through the Office of Administrative Hearings. No decision has been made on the appeal. *Both parties have requested BWSR to facilitate informal mediation prior to beginning an administrative contested case proceeding.*

File 10-7 (2-19-10) This is an appeal of a restoration order in Stearns County. The appeal regards draining and filling impacts to approximately 18.44 acres of Type2/3 wetland and 3.06 acres of Type 2 wetland. The appeal has been placed in abeyance and the restoration order stayed for submittal of "as built" or project information pertaining to a public drainage system.

File 10-3 (2-1-10) This is an appeal of a restoration order in Stearns County. The appeal regards the placement of agricultural drain tile and the straightening and rerouting of a county ditch that resulted in over 12 acres of wetland impacts. The appellant has granted BWSR additional time to make a decision on the appeal. No decision has been made on the appeal.

File 09-22 (10-02-09) This is an appeal of a restoration order in Carlton County. The appeal regards three separate investigation areas encompassing over 18 acres of wetland impacts from excavation, filling, and ditching. The replacement order has been stayed and the appeal has been placed in abeyance pending further technical work and for submittal of complete wetland replacement plan, exemption, or no-loss application.

File 09-13 (8-20-09) This is an appeal of an exemption decision in Otter Tail County. The appeal regard the denial of an exemption request for agricultural/drainage actives. A previous denial of the same exemption decision had been appealed (File 09-6). The appeal was remanded for further technical evaluation and a hearing, and now the current denial has been appealed. The appeal has been granted. A pre hearing conference convened on November 12, 2009. At which time parties agreed to hold off scheduling written briefs until the petition before NRCS is concluded.

File 09-10 (7-9-09) This is an appeal of a banking plan application in Aitkin County. The appeal regards the LGU's denial of a banking plan application to restore 427.5 acres of wetlands through the use of exceptional natural resource value. The appeal has been accepted and pre-hearing conferences convened on October 13 and 30, and December 14, 2009. Settlement discussions are on hold while the appellant addresses permitting issues with the Corps of Engineers.

File 09-3 (2-20-09) This is an appeal of a replacement plan decision in Anoka County. The appeal regards the approval of a wetland replacement plan for 11,919 square feet of impacts associated with a residential development. The appeal has been placed in abeyance and the replacement plan decision stayed for submittal of a revised replacement plan application. The three owners are also in the process of splitting up the property.

File 08-9. (03/06/08) This is an appeal of a replacement order in Pine County. The appeal regards impacts to approximately 11.26 acres of wetland. The replacement order has been stayed and the appeal has been placed in abeyance pending disposition with the U.S. Dept of Justice.

File 08-4. (01/24/08) This is an appeal of no-loss and exemption decisions in Waseca County. In addition to the no-loss decision, at issue are denials of the agricultural exemption, approved development exemption, incidental wetland exemption, and claims of numerous procedural issues that were prejudicial to the applicants. The mandamus action regarding Minn. Stat. § 15.99 (60-day rule) is complete and the temporary injunction lifted. The timeline for the remand has been extended several times and most recently for the duration of the September 9, 2010 Monitoring Agreement.

File 06-23. (05/19/06) This is an appeal of a replacement plan decision in Kanabec County. The LGU denied the wetland replacement plan application. A previous denial of the same replacement plan application had been appealed, the appeal was remanded for a hearing, and now the current denial has been appealed. The appeal has been placed in abeyance pending the outcome of a lawsuit between the landowner and the county. The lawsuit concerns the county's possible noncompliance with the 60-day rule. The county prevailed in district court; however the decision was appealed to the Court of Appeals where the county again prevailed. An appeal to the Minnesota Supreme Court was denied review. It is likely the appeal will soon be placed on the calendar for DRC proceedings.

File 06-17. (05/27/06) This is an appeal of a replacement plan decision in the City of Montgomery in LeSueur County. The LGU denied an after-the-fact wetland replacement plan application based on a lack of sufficient reasons why the restoration could not be completed. The appeal was been remanded for further processing at the local level. The City of Montgomery has gradually been working on removing the debris and restoring the wetland in accordance with MPCA requirements.

File 05-1. (01/13/05) This is an appeal of a replacement plan decision by the Rice Creek Watershed District. The District previously made a decision that was appealed which resulted in a remand for an expanded TEP. Now there is an appeal of the decision made under remand since the decision differed from the TEP report. At issue are wetland delineation and the Comprehensive Wetland Protection and Management Plan that BWSR approved. After a hearing before the DRC, the board remanded the matter for new wetland delineation and for submission on an updated, complete replacement plan application. On 12-9-09 the District made a new wetland delineation decision. The applicant has not yet submitted an updated replacement plan application.

Draft Summary Table

Type of Decision	Total for Calendar Year 2009	Total for Calendar Year 2010
Order in favor of appellant		1
Order not in favor of appellant	10	4
Order Modified	1	
Order Remanded	4	
Order Place Appeal in Abeyance	3	4
Negotiated Settlement		1
Withdrawn/Dismissed	9	1

BOARD OF WATER AND SOIL RESOURCES
520 LAFAYETTE ROAD N.
ST. PAUL, MINNESOTA 55155
WEDNESDAY, SEPTEMBER 22, 2010

BOARD MEMBERS PRESENT:
Gordy Behm, Paul Brutlag, Bob Burandt, Wayne Edgerton, DNR; Quentin Fairbanks, Rebecca Flood, MPCA; Christy Jo Fogarty, Sandy Hooker, Randy Kramer, Paul Langseth, Tom Loveall, John Meyer, Keith Mykleseth, Brian Napstad, Rob Sip, MDA; Louis Smallidge, John Linc Stine, MDH; Gene Tiedemann, LuAnn Tolliver

BOARD MEMBERS ABSENT:
Faye Sleeper, MES

STAFF PRESENT:
Mary Jo Anderson, Julie Blackburn, Jim Haertel, Tabor Hoek, John Jaschke, Al Kean, Melissa Lewis, Paul Senne

OTHERS PRESENT:
Sheila Vanney, MASWCD
Tim Koehler, NRCS
Ray Bohn, MAWD
Mike Mueller, DNR
Doug Wetzstein, MPCA
Matt Moore, South Washington Watershed District (SWWD)
Jack Levold, SWWD
Brian Johnson, SWWD
Ryan Schroeder, City of Cottage Grove
Bill Hargis, Mayor of Woodbury
Mary Stevens, Woodbury
Steve Kernik, Woodbury
Eric Witte, petitioner
Jim Keller, Denmark Township
Mike Schmidt, MN Center for Environmental Advocacy
Amanda Strommer, Washington County

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Chair Kramer called the meeting to order at 9:00 a.m.

PLEDGE OF ALLEGIANCE

ADOPTION OF AGENDA – Paul Brutlag requested an addition to the agenda to include a resolution regarding the Board Chairperson be added to the agenda. Paul will
** distribute the resolution prior to discussion. Moved by Paul Langseth, seconded by
10-83 Rob Sip, to approve the agenda with the additional resolution. Motion passed on a voice vote.

** **MINUTES OF AUGUST 26, 2010 –** Moved by Louise Smallidge, seconded by Tom Loveall,
10-84 to approve the minutes of August 26, 2010 as circulated. Motion passed on a voice vote.

Quentin Fairbanks requested that the audience members introduce themselves.

PUBLIC ACCESS FORUM (10-minute agenda time, two-minute limit/person)

- Bill Hargis, Mayor of Woodbury, requested wordage changes to the Resolution and the Order for the boundary change of South Washington and Valley Branch Watershed Districts. The "Now Therefore Be It Resolved" clause would change the word *supports* to *approves*. It would read, "Now Therefore Be It Resolved, that the Board hereby *approves* all terms of the Agreement and will be attentive to and facilitate the implementation of those terms." Mayor Bill Hargis thanked BWSR for consideration of this request.

- Ryan Schroeder, Administrator, City of Cottage Grove, agrees to the resolution of the boundary change issue. He agrees with the wordage *approves* rather than *supports*.

- Eric Witte, petitioner, stated that no one had received the opportunity to comment on the Resolution and Order that BWSR's staff had placed before the Board. He stated that § 103B.215 gave BWSR jurisdiction over only those matters that had been approved by local units of government, and for which BWSR had provided public notice. Because the Resolution and Order before the Board contradicted the petitions that had been the subject of the resolutions and public notices, BWSR lacked jurisdiction.

- Jim Keller, Denmark Township, is in support of the resolution. He stated that he honors the work put into this agreement. He stated that the open comment period was allowed at meetings; no comments were received.

Christy Jo Fogarty arrived at the meeting at 9:10 a.m.

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REPORTS

Chair's Report – Randy Kramer reported that he attended the EQB meeting last week. Discussions included reassignment and responsibility for RGU; removal of Minnesota Falls by Granite Falls affirmed; numerous water plans. Chair Kramer reported that the University of Minnesota's Sustainability Framework will be presented on November 4 at the U of M.

Executive Director's Report – John Jaschke reviewed the information in board members' packets. John stated that the U.S. Army Corps of Engineers extended the deadline for taking comments on the proposed Fargo-Moorhead diversion project as they look at climatology records. John reported that the Lessard Sams Outdoor Heritage Council (LSOHC) has made their 2011 recommendations: RIM/WRP recommendation is $13M; Pheasants Forever partnered with BWSR on a water quality and wildlife habitat buffer proposal; and Ducks Unlimited is partnering on a new idea in central Minnesota to protect lakes with a high value wild rice area.

John reported that he attended a meeting on September 8th at the Root River SWCD discussing flood response and wrap-up; and a field tour in Houston County showing some of the accomplishments since the 2007 flood.

John reported that the BWSR Academy will be held October 26-28 at Breezy Point near Brainerd.

John reported that BWSR is moving forward on the implementation plan for responses to the 2010 Office of Legislative Auditor (OLA) (spreadsheet distributed for board members' information). BWSR is working to address two remaining policies of the Office of Grants Management (OGM).

Dispute Resolution Committee – Travis Germundson reported that 14 appeals are pending. Two new appeals were received; a restoration order in Benton County; and a restoration order in St. Louis County. Travis gave an update on an appeal in the Wild Rice Watershed District filed under Minn. Stat. 103D.535 regarding an order of the managers not to go forward with the Upper Becker Dam Enhancement Project as proposed. Appeals filed under 103D.535 require that the Board follow the Administrative Procedures Act. The Act requires that the hearing be conducted by an Administrative Law Judge through the Office of Administrative Hearings. Travis stated that there is still an opportunity for negotiated agreement.

John Jaschke provided an update on a WCA appeal in Lyon County. A settlement has been reached, the appeal was affirmed and the Restoration Order rescinded.

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Wetlands Committee – LuAnn Tolliver reported that the Wetlands Committee has not met; she will confer with staff today to determine a future meeting date.

Drainage Work Group (DWG) – Tom Loveall reported that the Drainage Work Group met on September 9; he was not available to attend. Al Kean attended the meeting and provided a report on the DWG meeting. Discussion included the update for Smith Partners LCCMR Project: "MN Drainage Law Analysis and Evaluation"; the Redetermination of Benefits Survey in the Minnesota River Basin; and Section 103E.015 Considerations before drainage work is done.

Administrative Advisory Committee (AAC) – Chair Kramer reported that the Administrative Advisory Committee met this morning. The AAC had a closed session regarding settlement of the South Washington Watershed District boundary change; the open meeting included discussion on the Board chairperson transition; FY12-13 budget process; staff update; and audit response summary. Chair Kramer stated that the Chair's position has been posted on the Secretary of State's website; the vacancy is effective midnight tonight, September 23. The vacancy is open for a citizen member to serve on the BWSR Board.

John Jaschke stated that the Request for Proposal (RFP) on the clean water fund is closed. The RIM Committee will review steps for a future sign-up and establish payment rates.

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

Bassett Creek WMO Plan Amendment – Bob Burandt reported that the Metro Water Planning Committee met on September 7, 2010 to review the Bassett Creek WMO Plan Amendment and unanimously recommends approval. Moved by Bob Burandt, seconded by LuAnn Tolliver, to approve the Bassett Creek WMO Plan Amendment. Motion passed on a voice vote.

** 10-85

South Washington Watershed District Boundary Change Petition – Jim Haertel explained that the South Washington Watershed District submitted a petition to the Board of Water and Soil Resources (Board) on May 27, 2010 pursuant to Minn. Stat. § 103B.215 to change the boundaries of the South Washington Watershed District and the Valley Branch Watershed District. The petition results from a mediated agreement. The Board has taken two previous actions in the past 16 months on this matter. The public noticed deadline to request a hearing or submit comments was September 15. No hearing was requested. The statutory time period for the Board to make a decision essentially requires the Board to make a decision at this meeting today. The Metro

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Water Planning Committee met on September 21 and reviewed two companion items; a resolution and an Order.

Jim summarized the two previous decisions the Board made and the difference with the current petition that is filed under Minnesota Statutes Chapter 103B instead of 103D. Jim stated that there are nine conditions of the mediated agreement that are in the petition. Jim explained that BWSR has proper jurisdiction in the matter of ordering a watershed district boundary change, but does not have the statutory or enforcement authority to order the nine conditions. The companion resolution being brought before the Board addresses the nine conditions. Jim stated that the petition was noticed according to statute and staff disagrees with the contention that the public did not have an opportunity to comment. There was a comment period and only one comment was received.

** Chair Kramer stated that the Board can only act within its statutory powers. Moved by Louise Smallidge, seconded by Bob Burandt, to approve the resolution that the Board hereby supports all of the terms of the Agreement and will be attentive to and facilitate the implementation of those terms. Discussion followed.

Louise Smallidge commented on the wordage "supports" versus "approves". She stated that the Board is here to support; according to statute. Bob Burandt agrees with Louise Smallidge; the Board supports and will encourage. The Metro Water Planning Committee voted unanimously to approve the Resolution and Order as presented. John Jaschke stated that we have certain authorities that BWSR can use; mediation, oversight responsibilities, and authority to approve local government plan amendments or renewals. BWSR is doing everything we can to make the agreement with the parties doable. Jim stated the resolution contains a statement about the conclusion of the mediation which starts the time period for the statute of limitations for the mediated agreement. Discussion continued.

Paul Brutlag supports the Resolution, he stated that Jim Haertel has been working with the Attorney General's office, petitioner's input and the staff recommendation on the wordage of the Resolution and Order. LuAnn Tolliver supports the motion and applauded the communities in working together. She stated that proper notice was given to the public. Gene Tiedemann stated that common sense establishes a watershed district along hydrologic boundaries and he cannot support this. Jim Haertel stated that the current petition was filed under Statute 103B for the seven county metro for both WDs and joint powers WMOs. Statute 103D is specific to watershed districts and hydrologic boundaries. The Board does not have authority to set boundaries for joint powers watershed management organizations. The legislature decided a

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mechanism was needed in the metro area for watershed districts to be contiguous with other organization boundaries that do not follow hydrologic boundaries as set forth in 103B. Brian Napstad is concerned with 103B and 103D. He sees the legislature moving in the direction of recognizing watershed boundaries; however the metro area is different. 103B gives local authority of joint powers agreements under statute. Brian supports the Resolution as presented. Christy Jo Fogarty stated that BWSR wants local communities to work together. With respect to local governmental units, she supports BWSR oversight but not authority to dictate specific parts of their plans. Paul Langseth supports the Resolution. He's concerned that citizens be heard but need to deal with this at the local level. Tom Loveall supports the Resolution as that is the authority BWSR has. LuAnn Tolliver stated that this petition came in under Statute103B, making this a different situation; as the two prior petitions were filed under Statute103D. Quentin Fairbanks stated that the locals know what is needed. John Jaschke clarified that the BWSR resolution is aimed at the consensus agreement and that the proposed Order is to address the petition. Jim Haertel stated that no public hearing was held.
10-86 Chair Kramer called for the vote. Motion passed on a voice vote.

Jim Haertel explained the Order:

A) The boundary of the South Washington Watershed District and the Valley Branch Watershed District be changed according to the Petition and the map dated May 14, 2010 attached herewith to this Order and fully incorporated herein including the dataset for the map.
B) Property within the existing SWWD remains liable for its proper share of any outstanding indebtedness of the watershed district applying to the property before the Board's Order, and levies and assessments for the indebtedness continue in force until the debt is fully paid.
C) The South Washington Watershed District and the Valley Branch Watershed District Watershed Management Plans be amended within one year of the date of this Order to include the boundary change.

** Moved by Louise Smallidge, seconded by Quentin Fairbanks, to approve the Order as
10-87 presented. Motion passed on a voice vote.

NEW BUSINESS

Recognition of Service – Randy Kramer – On behalf of the Board and staff, John Jaschke thanked Chair Kramer for his service which set high expectations and was demonstrated by his engagement and commitment to the position. John read a list of Randy's accomplishments under his tenure: Board committee structure; proactive audits; major revamping of rules; significant WRP partnership with NRCS; agreement on swampbuster with NRCS; first Legacy programs created and funded; Board expansion to

DRAFT

add city and townships; mandate to provide greater oversight to local governments through PRAP. On behalf of Governor Tim Pawlenty, John presented Chair Kramer with a certificate of commendation for seven years of state service. John, on behalf of BWSR, presented a Distinguished Service Award to Chair Kramer for board membership from 2003-2010. Congratulations to Randy! Brian Napstad stated that Chair Kramer also transitioned the new executive director.

Randy stated that he believed his leadership position was best served as a guide and facilitator. He thanked BWSR staff for their high level work and support. He commended board members for all their input and support. He thanked agency representatives for bringing good points to the table, their important vote; and good collaboration. On behalf of BWSR, Randy thanked partners LeAnn Buck, MASWCD; Ray Bohn, MAWD; Annalee Garletz, AMC; and Tim Koehler, NRCS.

Randy thanked John Jaschke for the regular and timely communications and stated that he appreciated and enjoyed working with him. Randy reminded board members that they are individuals representing a broader constituency. He stated that he enjoyed BWSR and will continue working on related efforts in different capacities.

Paul Brutlag, with honor, presented a resolution to Chair Kramer. "Now Therefore Be it Resolved, that the Board of Water and Soil Resources proudly recognizes Randy Kramer for his dedicated leadership to improve and protect Minnesota's water and soil resources by working in partnership with local organizations and private landowners". Moved by Paul Brutlag, seconded by Louise Smallidge, to approve the resolution as presented, signed by Paul Brutlag as Vice-Chair. Motion passed on a voice vote.

** 10-88

Chair Kramer called for a break in the meeting at 10:30 a.m. The meeting reconvened at 10:50 a.m.

Riparian Buffers Overview – John Jaschke introduced Tabor Hoek, Al Kean, Paul Senne, BWSR Staff; and Mike Mueller, DNR. Tabor Hoek provided a brief overview of the multiple benefits of riparian buffers. Paul Senne presented comparison data information; this report can be found on BWSR's website: www.bwsr.state.mn.us/easements. Al Kean presented public drainage system information and a review of standards. Mike Mueller, DNR, presented information on standards that are developed and applied via the State Shoreland Rule. Discussion followed. John Jaschke stated that DNR has expected support of conservation programs as a means to pursue 50-foot setback compliance. Chair Kramer thanked Tabor, Al, Paul, and Mike for the informative presentation.

DRAFT

AGENCY REPORTS

Minnesota Department of Agriculture (MDA) – Rob Sip reported that MDA released a new grazing document. Rob commented on a point of interest for a future meeting; the MDA Livestock Insurance Program as it ties to BWSR's Cost-Share Program.

Minnesota Department of Health (MDH) – John Linc Stine reported that MHD received a grant to learn about exposure from contaminates in drinking water and fish as it relates to the native tribal population. MDA is gathering data from tribal nations.

Minnesota Department of Natural Resources (DNR) – Wayne Edgerton reported that DNR Commissioner Mark Holsten presented the "Commissioner's 4-H Youth Award" to Matt Sundquist, from the Hearty Homers 4-H Club in Washington County. Matt Sundquist earned the award for his work on a horse trail at Afton State Park. Wayne reported that the award presentation was held on September 4th during a ceremony at the Minnesota State Fair.

Wayne reported that DNR conducted private lands specialist meetings with Soil and Water Conservation Districts (SWCDs) to better partnership with SWCDs. Wayne reported that the rough grouse season started September 18th. Wayne stated that the pheasant numbers are about the same as last year.

Minnesota Pollution Control Agency (MPCA) – Rebecca Flood reported that she has been traveling around the state meeting with planning and zoning staff via listening sessions on the SSTS rule. Rebecca reported that MPCA conducted a survey at the local level regarding local capacity issues, communications, and program improvements. Rebecca reported that EPA Region 8 is meeting with EPA Region 5 regarding Devils Lake; looking at the possibility of changing sulfate standards in the Red River of the North.

ADVISORY COMMENTS

Minnesota Association of Soil and Water Conservation Districts (MASWCD) – Sheila Vanney, MASWCD Assistant Director, reported that MASWCD is planning their annual convention. The convention will be held December 5-7 at the Crowne Plaza in St. Paul. Sheila thanked BWSR staff for their help with the MASWCD annual business meeting and resolutions and appreciates Mary Jo Anderson's assistance with registration. Sheila reported that the MASWCD Board of Directors voted last week to support a Clean Water Act amendment to allow EPA to certify a State Wetland Law as adequate in Section 404 of the Act. Sheila reported that 190 SWCD supervisors are up for election in November; candidates are listed on the MASWCD website. An orientation session will be held in the spring for the newly elected supervisors. Sheila reported that Judy Erickson stepped down as legislative affairs specialist; Sheila has taken on those duties and looks forward to working with BWSR.

DRAFT

Minnesota Association of Townships (MAT) – Sandy Hooker reported that she attended the Association of Townships meeting in Washington, where she met with township officers nationwide. Sandy reported that MAT is planning their annual conference in Duluth, November 18-19; she invited board members to attend. Sandy stated that MAT appreciates John Jaschke and BWSR staff support.

Minnesota Association of Watershed Districts (MAWD) – Ray Bohn stated that he's sorry to see Randy Kramer leave BWSR; he's done a great job and he appreciated his service. Ray reported that the Minnesota Local Government Roundtable met and identified the need for an advisory committee. A 30-member advisory committee was appointed; ten from each association. Three subcommittees with chairs were appointed: 1) Basin and Watershed Management; 2) Comprehensive Water Plans; and 3) Funding for Water Plans. The Roundtable will review the recommendations of the Clean Water Council and have some ideas by January that have consensus.

Ray reported that the Drainage Work Group (DWG) met diligently over the summer. An issue the DWG is looking at is the redetermination of benefits as it relates to conservation practices on the ground. Ray reported that the MAWD annual meeting will be held December 2-4, in Alexandria; he invited everyone to attend. Ray stated that another issue coming to the forefront is aquatic invasive species. Chair Kramer thanked Ray for his report and stated that it's been a pleasure working with MAWD.

Natural Resources Conservation Service (NRCS) – Tim Koehler thanked Randy Kramer for his tenure, dedication and commitment to natural resources conservation. Tim stated that NRCS and BWSR has moved to a higher level of cooperation and coordination under his leadership and he appreciates the service Randy provided.

Tim commented on the potential Lessard Sams Outdoor Heritage Council (LSOHC) recommendation of $13M for RIM/WRP. Tim stated that NRCS is making good improvements and continues to work on processing easements. Tim reported that NRCS and BWSR are partnering on engineering assistance for WRP. Tim stated that there's almost half a million dollars of monitoring, technical, engineering easement work to put on the ground. Tim reported that NRCS received funding late in the year, $5M in proposals for the Mississippi River Basin Initiative (MRBI). $150,000 for implementation but SWCDs were not able to encumber; NRCS is working on that. Tim reported that State Conservationist Don Baloun hopes to expand MRBI in 2011in Minnesota with Clean Water funding. CRP completed sign-up, over 1,000 contracts funded; committed resources to SWCDs to write plans. Chair Kramer thanked Tim for his report; and stated that it's been a pleasure working with Tim and NRCS.

DRAFT

UPCOMING MEETINGS

- Next Board Meeting – October 27, 2010 in St. Paul.

John Jaschke reported that Paul Brutlag will serve as Acting Chair until a new chair is appointed by the Governor. An election of temporary vice-chair will be held at the next Board meeting if an appointment of Chair has not been made by the Governor.

Chair Kramer thanked Mary Jo Anderson for her assistance during his tenure.

LuAnn Tolliver reported that the Wetland Committee will meet before the December Board meeting; date to be determined.

** 10-89 Moved by Paul Brutlag, seconded by Louise Smallidge, to adjourn the meeting at 12:30 p.m. Motion passed on a voice vote.

Respectfully submitted,

Mary Jo Anderson
Recorder

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COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

1. Delegation of Authority – Jim Haertel – ***DECISION ITEM***

2. Carver County WMO (CCWMO) Revised Plan – Jim Haertel – ***DECISION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Delegation of Authority

Meeting Date: October 27, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Metro Region

Contact: Jim Haertel

Prepared by: Jim Haertel

Reviewed by: Metro Water Planning Committee(s)

Presented by: Jim Haertel

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other:

ACTION REQUESTED

Approval of Delegation of Authority to the Executive Director to make decisions on whether proposed WMO watershed management plan amendments would follow the minor plan amendment process or the regular plan amendment process.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Proposed amendments to WMO watershed management plans in the seven county metropolitan area can follow the minor plan amendment process or the regular plan amendment process. Minor plan amendments do not come before the Board for approval whereas regular plan amendments require Board approval. Currently, Minn. Rules part 8410.0140, subp. 2C allows the Board 45 days to make a decision on which amendment process must be followed. The time period specified cannot always be met in consideration of the Board's meeting schedule. Further, the draft 8410 revision proposes to decrease the Board's response time to 20 days. The proposed rule change, coupled with the statutory revisions adopted by the Legislature last session to streamline the amendment process, are needed to allow plans to be amended more quickly to respond to emerging issues and grant opportunities. These types of decisions are not complicated because the rule prescribes that a watershed management plan must specify the amendment procedures to be followed for minor plan amendments. In consideration of these reasons, delegation of authority to the Executive Director is desirable. On October 14, 2010 the Metro Water Planning Committee met and unanimously recommends the attached draft resolution be approved by the full Board.

Minnesota Board of Water and Soil Resources Resolution No. _____

RESOLUTION DELEGATING AUTHORITY TO EXECUTIVE DIRECTOR TO MAKE CERTAIN DECISIONS REGARDING MINOR AMENDMENTS TO WATERSHED MANAGEMENT ORGANIZATION WATERSHED MANAGEMENT PLANS FILED PURSUANT TO MINN. STAT. § 103B.231, SUBD. 11 AND MINN. RULES CHAPTER 8410

WHEREAS, amendments to watershed management organization watershed management plans may be reviewed as minor amendments pursuant to Minn. Stat. § 103B.231, Subd. 11, Minn. Rules Chapter 8410, and as prescribed in watershed management plans, and;

WHEREAS, the Board is vested with the authority to make decisions on the review process to be followed for watershed management organization watershed management plan amendments proposed to be reviewed as minor amendments pursuant to Minn. Rules Chapter 8410 and as prescribed in watershed management plans, and;

WHEREAS, the watershed management plan amendment process can be delayed while the Board procedures conclude with a determination on the review process to be followed for an amendment proposed to be reviewed as minor, and;

WHEREAS, decisions on the review process for watershed management organization watershed management plan amendments proposed to be reviewed as minor amendments can be done more timely by the Board's Executive Director, and;

WHEREAS, Minn. Stat. § 103B.101, subdivision 4, states " The board may prescribe the powers and duties of its officers and employees and may authorize its employees and members of the board to act on behalf of the board.";

NOW THERFORE BE IT RESOLVED BY THE MINNESOTA BOARD OF WATER AND SOIL RESOURCES:

I. The Executive Director is hereby delegated the authority to make decisions on the review process for watershed management organization watershed management plan amendments proposed to be reviewed as minor amendments.

II. This delegation order does not:

A. Include making the final decision on watershed management organization watershed management plan amendments.

B. Preclude the Board from making decisions delegated in I above.

Dated at Saint Paul, Minnesota this _____ day of October, 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

By: _____
Paul Brutlag, Acting Chair

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Carver County WMO Revised Plan

Meeting Date: October 27, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Metropolitan Region

Contact: Brad Wozney, Board Conservationist

Prepared by: Brad Wozney, Board Conservationist

Reviewed by: Metro Water Planning Committee(s)

Presented by: Jim Haertel, Metro Region Supervisor

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☒ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Approval of the Carver County Watershed Management Organization's Watershed Management Plan

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

The CCWMO was established on October 30, 1996 upon dissolution of Bevens Creek, Carver Creek, Chaska Creek, Hazeltine Bavaria Creek, and South Fork Crow River Joint Powers Watershed Management Organizations. Consequently, Minnesota Statutes §103B required the County to assume all water management responsibilities for these watersheds. The remaining portions of Carver County are addressed by Minnehaha Creek, Riley Purgatory Bluff Creek, and Lower MN River Watershed Districts.

The CCWMO encompasses nearly the entire county at approximately 320 square miles in size. CCWMO is divided into six subwatersheds. The Crow River Subwatershed and the Pioneer Sarah Creek Subwatershed drain to the South Fork of the Crow River. More than half of the county drains to the Minnesota River including the following CCWMO subwatersheds: Bevens Creek, Carver Creek, and East and West Chaska Creeks. Land use is predominantly agricultural at 72%, whereas residential, commercial, and industrial land uses are clustered within the cities comprising approximately 3.8% of the land area. Development pressure and changes in land uses within the eastern half of the watershed will likely increase through the life of this Plan. There are a total of 64 lakes, 64 public water wetlands, 7 major streams and rivers, and 15 public ditch systems in the CCWMO.

The five member Carver County Board of Commissioners comprises the CCWMO "governing body". County staff provide the technical and administrative functions. The Water, Environment, and Natural Resources Committee (WENR), comprised of township and city representatives as well as appointed county residents, was established as a permanent advisory committee and recommendary body to the WMO Board and meets quarterly on average.

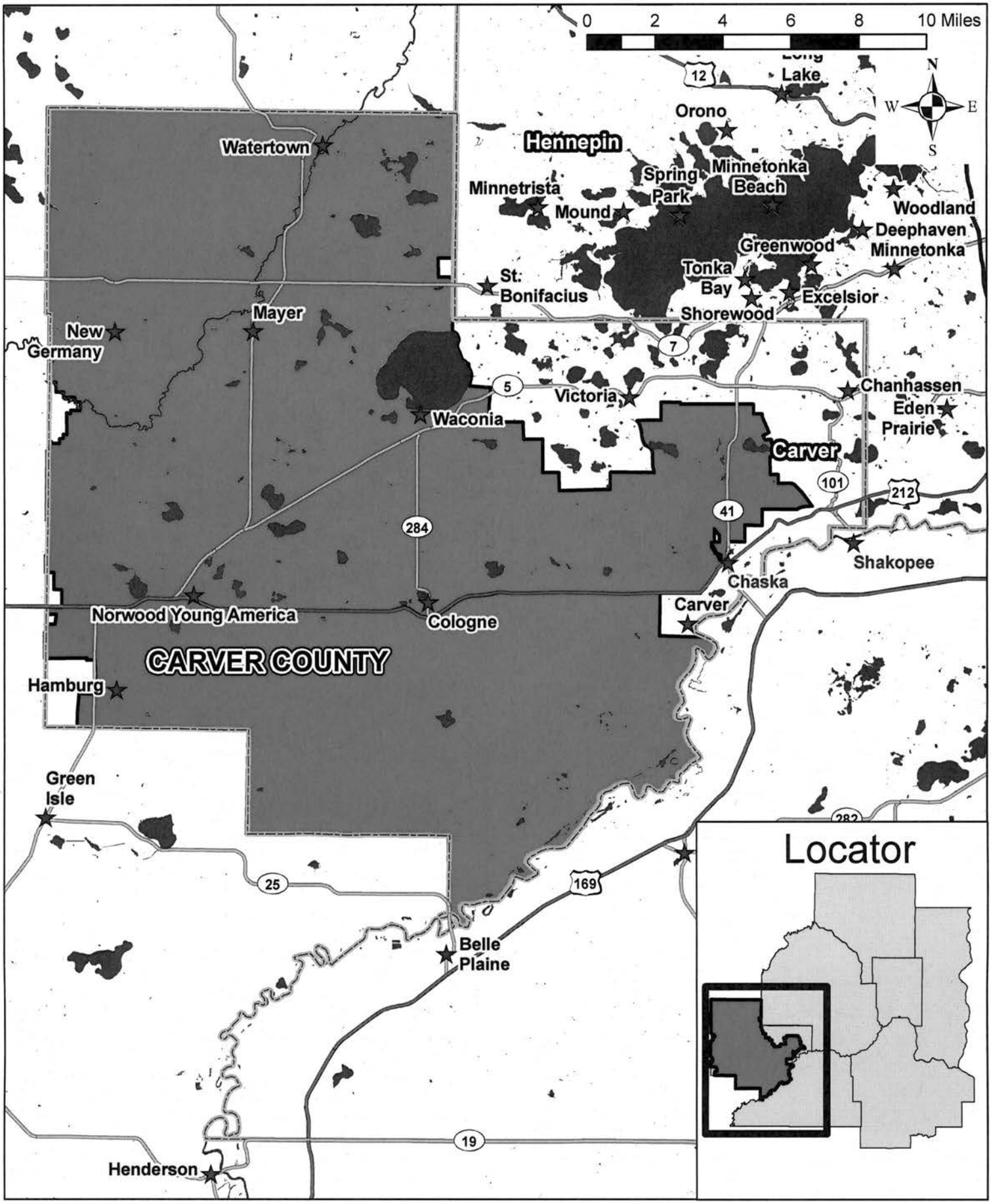
The Plan outlines a good framework for protecting the water resources of the District. In general the Plan is a decent mix of structural, non-structural, and programmatic solutions. Overall goals outlined in the Plan are to:
1. Protect, preserve, and manage natural surface and groundwater storage and retention systems;
2. Effectively and efficiently manage public capital expenditures needed to correct flooding and water quality problems;
3. Identify and plan for means to effectively protect and improve surface and groundwater quality;
4. Establish more uniform local policies and official controls for surface and groundwater management;
5. Prevent erosion of soil into surface water systems;
6. Promote groundwater recharge;
7. Protect and enhance fish and wildlife habitat and water recreational facilities; and
8. Secure the other benefits associated with the proper management of surface and ground water.

Issue specific goals in the Plan are:
- Maintain or improve the physical, chemical, biological, and aesthetic condition of surface water resources in the CCWMO, taking into account the watershed context of each resource.
- Receive EPA approval for TMDLs for all listed impaired waters within the CCWMO.
- Minimize and mitigate the impacts of urban stormwater runoff on water resources.
- Manage and restore wetlands in the County to protect and maximize the values of wetland functions.
- Manage feedlots so that the quality of surface water and groundwater is not impaired.
- Encourage public and private landowners to implement conservation practices on the land they are responsible for.
- Ensure, to the extent possible, that all SSTS are properly designed, installed, operated, maintained and/or replaced in order to eliminate health hazards and discharges to surface water or groundwater.
- Ensure that waste load reductions for WWTPs identified in TMDLs are incorporated into WWTP permits.
- Preserve and restore aquatic, wetland and associated upland habitats in a watershed context.
- Protect groundwater quality and groundwater supplies.
- Prevent contamination of groundwater and surface water through proper disposal or handling of solid and hazardous waste.
- To provide those living, working, and recreating in Carver County with the knowledge, skills, and motivation required to assure protection and improvement of the county's surface water and groundwater resources.
- To maintain a comprehensive, accurate assessment of surface and ground water quality trends over the long term and comply with all current and future TMDL's monitoring and assessment protocols. This data will used to compile trend analysis, assess BMP effectiveness, and complete TMDL studies.

Between January 2009 and February 2010 the CCWMO requested citizen, stakeholders and Technical Advisory Committee (TAC) input regarding Plan content and priorities. Five listening sessions were held with representatives from townships and cities. Three listening sessions and TAC meetings were held with state agency representatives. All were given opportunities to provide upfront written input and preliminary draft plan comments. Citizen input was sought via the WENR Committee, an open house, website, Water Management email listserv, and newspaper releases.

Local and state comments received in regards to the revised Plan have been sufficiently addressed. The Metro Water Planning Committee met on October 14, 2010. After review of the information, the Committee unanimously voted to recommend approval of the Revised Plan per the attached draft Order.

Carver County
Watershed Management Organization



Minnesota Board of Water and Soil Resources
520 Lafayette Road North
Saint Paul, Minnesota 55155

In the Matter of the review of the Watershed Management Plan for the **Carver County Watershed Management Organization**, pursuant to Minnesota Statutes Section 103B.231, Subdivision 9.

ORDER APPROVING WATERSHED MANAGEMENT PLAN

Whereas, the Board of Managers of the Carver County Watershed Management Organization (CCWMO) submitted a Watershed Management Plan (Plan) to the Minnesota Board of Water and Soil Resources (Board) pursuant to Minnesota Statutes Section 103B.231, Subd. 9, and;

Whereas, the Board has completed its review of the Plan;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions and Order:

FINDINGS OF FACT

1. **Watershed Establishment.** The CCWMO was established on October 30, 1996 upon dissolution of Bevens Creek, Carver Creek, Chaska Creek, Hazeltine Bavaria Creek, and South Fork Crow River Joint Powers Watershed Management Organizations. Consequently, Minnesota Statutes Chapter 103B required the County to assume all water management responsibilities for these watersheds. CCWMO adopted its first watershed management plan in 2001.

2. **Authority to Plan.** The Metropolitan Surface Water Management Act requires the preparation of a watershed management plan for the subject watershed area which meets the requirements of Minnesota Statutes § 103B.201 to 103B.251 and Minnesota Rules Chapter 8410. The current plan was approved by the Board in 2001. The watershed management plan may be revised according to Minnesota Statutes § 103B.231, Subd. 9.

3. **Nature of the Watershed.** The CCWMO encompasses nearly the entire county at approximately 320 square miles in size. CCWMO is divided into six subwatersheds. The Crow River Subwatershed and the Pioneer Sarah Creek Subwatershed drain to the South Fork of the Crow River. More than half of the county drains to the Minnesota River including the following CCWMO subwatersheds: Bevens Creek, Carver Creek, and East and West Chaska Creeks. Land use is predominantly agricultural at 72%, whereas residential, commercial, and industrial land uses are clustered within the cities comprising approximately 3.8% of the land area. Development pressure and changes in land uses within the eastern half of the watershed will likely increase through the life of

the Plan. There are a total of 64 lakes, 64 public water wetlands, 7 major streams and rivers, and 15 public ditch systems in the CCWMO. The following communities lie partially or entirely within the CCWMO: the cities of Carver, Chanhassen, Chaska, Cologne, Hamburg, Mayer, New Germany, Norwood-Young America, Waconia, and Watertown and 10 townships. The CCWMO is bound by the Lower Minnesota River Watershed District and Minnehaha Creek Watershed District to the east, the Minnesota River to the southeast, and the county boundary to the south, west, and north.

4. **Plan Development and Review.** Between January 2009 and February 2010 the CCWMO requested citizen, stakeholders and Technical Advisory Committee (TAC) input regarding Plan content and priorities. Five listening sessions were held with representatives from townships and cities. Three listening sessions and TAC meetings were held with state agency representatives. All were given opportunities to provide upfront written input and preliminary draft plan comments. Citizen input was sought via the Water, Environment, and Natural Resources Committee - a standing committee comprised of township and city representatives as well as appointed county residents - via an open house, website, Water Management email listserv, and newspaper releases. The draft revised Plan was submitted to the Board, other state agencies, and local governments for the 60-day review on April 23, 2010. CCWMO staff requested a meeting with Board staff to address various 60-day comments. A public hearing was held on July 17, 2010. On August, 1, 2010, the draft revised Plan was received by the state review agencies for the 45-day review period. The final draft of the revised Plan was received by the Board on September 27, 2010.

5. **Local Review.** The CCWMO distributed copies of the draft Plan to local units of government for their review pursuant to Minnesota Statutes Section 103B.231, Subd. 7.

City of Carver. The City requested clarification on certain components of the water quality ponding, infiltration/filtration, and floodplain requirements. CCWMO provided clarification but noted that some of the approaches will change or be developed during the rules revision following adoption of the draft Plan. The City recommended flexibility in the two-year local water plan approval window, with the understanding that the CCWMO's rules revision process may not be completed in time for the city to make all local water plan amendments at once. CCWMO replied that they will consider alternative schedule requests while remaining compliant with statutory timeframes. The City requested, and CCWMO provided, explanation of the difference between a "wetland transition setback" and a "wetland buffer". The purpose of the transition setback is to protect the transitional area from impacts by structures, stormwater and certain activities. The CCWMO addressed the remaining comments emphasizing its appreciation for the city's willingness to partner.

City of Victoria. The city requested flexibility be provided for linear projects in meeting stormwater requirements. CCWMO stated that it will be considered during the rules revision process. The city recommended and the CCWMO agreed that the WMO should defer enforcement of shoreland standards to the cities.

Lower Minnesota River Watershed District. The Lower Minnesota River WD requested more detail be provided for one of the stream restoration projects in the Implementation

Table. The District commented on groundwater related issues and resources, to which the CCWMO stated that those comments may be considered for inclusion in the plan upon completion of the Carver County Geologic Atlas.

Written comments were also received from a consulting engineering firm and a citizen. Verbal comments were made by township officials and anonymous citizens at a township meeting on May 4, 2010, and at a "Water Plan Open House". All written and verbal comments were responded to by CCMWO.

6. **Metropolitan Council Review.** The Council stated the Plan appears to be consistent with their *Water Resources Management Policy Plan* and overall provides a good framework for water resource protection.

7. **Department of Agriculture Review.** The MDA did not comment on the Plan.

8. **Department of Health Review.** The MDH did not comment on the Plan.

9. **Department of Natural Resources Review.** The DNR did not comment on the Plan.

10. **Pollution Control Agency Review.** PCA recommended a table be provided listing all lakes and major streams in the CCWMO area and their general status. The CCWMO added this information to the TMDL goals and strategies section of the plan.

11. **Department of Transportation Review.** MNDOT asked that information sources be provided for all figures in the plan, consistent wetlands and waters classifications throughout the document, clarification on whether the buffer requirement applies to public ditch systems, asked to be listed as MS4 within the CCWMO area, an exemption for linear projects from the stream setbacks, the need for CCMWO to recognize in the plan that timely decisions on debris removal are necessary for public safety, all of which were addressed by the CCWMO resulting in plan changes. MNDOT asked if CCWMO will take the lead on all TMDLs. CCWMO does not intend to lead all TMDLs and indicated this in the plan. MNDOT requested they be listed as the Wetland Conservation Act Local Government Unit (LGU) for its projects within their right-of-way and the CCWMO responded by making the requested revision.

12. **Board Review.** Board staff had a number of comments for the first review period and many of them were addressed in the second draft. Board staff recommended adding the following to the Plan: a description of the WMO's overall implementation priorities in Plan implementation given their limited staff and financial resources, a periodic assessment of the agricultural incentive-based programs, a description of how the CCWMO will periodically measure and evaluate successful Plan implementation, a clear distinction of projects and other implementation actions that are dependent on grant funds to be completed, a maintenance program and budget for installed BMPs and other structures, a gaps analysis or inventory of LGU activities and standards to avoid duplication of efforts and determine if standards are adequate, clarification of several policies and implementation strategies to be more outcome based and measurable, a listing of target in-lake nutrient concentrations, an annual budget for the monitoring

program and a description of how the data will be made available to the public, and a schedule of future TMDLs that CCWMO will lead. The CCWMO addressed the comments resulting in changes to the Plan. In both comment letters Board staff provided comments related to the roles and responsibilities of the County Board versus the CCWMO and the budget implications. CCWMO provided additional detail in the plan and more clearly showed how the CCWMO is integrated into the county operations. Given the number of completed TMDLs, modeling efforts, and other inventories, Board staff recommended that the capital improvement program be more robust in addition to the Cost Share Programs. Board staff requested more details in the "cost share type programs" of implementation section and asked for documentation on the intended strategies to be employed to solicit and target CIPs and other BMPs. The CCWMO added a number of projects to the CIP and generally described strategies for soliciting projects. Board staff recommended and the CCWMO agreed to post on their website annually all cost share program administrative details and project ranking criteria. Board staff requested clarification on several items related to local water plan requirements and ensuring LGU compliance with those plans, including the deadline for local water plans to be adopted by LGUs. The CCWMO made the recommended changes to the plan. Board staff commented on wetland and WCA related language in the Plan, which the CCWMO changed accordingly. Board staff noted a couple of provisions in the "Amendment Section" of the Plan that were inconsistent with Minnesota Rules Chapter 8410. The CCWMO revised the Plan as noted.

13. **Plan Summary and Highlights.** The Plan outlines a good framework for protecting the water resources of the CCWMO. Overall the Plan is a decent mix of structural, non-structural, and programmatic solutions. A self assessment document that evaluated success of the previous plan and lists accomplishments was incorporated into the revised plan as Appendix E. The highlights of the revised Plan include:

- The CCWMO offered ample opportunities to provide upfront comments on the Plan prior to submitting the formal draft.
- Short and long term metrics to assess progress and performance. CCWMO will review the implementation section and if necessary update the Plan through amendments every two years.
- Collaboration and partnerships with Carver County SWCD and county departments to provide efficient plan implementation.
- The plan reduces the number of taxing districts from 6 to 1 to reduce administrative and accounting costs, equalize the tax rates across the watershed, allow greater flexibility in allocating funding, and allow the CCWMO to fund larger capital projects.
- A strong commitment to completing TMDL studies and incorporating components of TMDL Implementation Plans for impaired waters.
- An extensive education and outreach program, including NPDES requirements, that strives to reduce redundancy and duplicative efforts with LGUs in the county.
- Dedication to refining county ordinances to be progressive and provide flexibility on achieving stormwater standards. The Plan provides a solid foundation for the upcoming ordinance revision process.

14. **Metro Water Planning Committee Meeting.** On October 14, 2010, the Board's Metro Water Planning Committee and staff met with representatives from the CCWMO in St. Paul to review and discuss the Plan. Those in attendance from the Board's Committee were Christy Jo Fogarty, Faye Sleeper, Louise Smallidge, LuAnn Tolliver, and Robert Burandt as chair. Board staff in attendance were Metro Region Supervisor Jim Haertel and Board Conservationist Brad Wozney. Representatives from the CCWMO included Carver County Planning Director Paul Moline and Planning Technician Kristen Larson. Board staff recommended approval of the Plan. After discussion, the Committee voted unanimously to recommend approval of the Plan to the full Board.

CONCLUSIONS

1. All relevant substantive and procedural requirements of law and rule have been fulfilled.

2. The Board has proper jurisdiction in the matter of approving a Watershed Management Plan for the Carver County Watershed Management Organization pursuant to Minnesota Statutes §103B.231, Subd. 9.

3. The Carver County Watershed Management Organization Watershed Management Plan attached to this Order defines water and water-related problems within the CCWMO's boundaries, possible solutions thereto, and an implementation program.

4. The attached Watershed Management Plan is in conformance with the requirements of Minnesota Statutes §§103B.201 to 103B.251.

ORDER

The Board hereby approves the attached Watershed Management Plan dated September 2010 as the Watershed Management Plan for the Carver County Watershed Management Organization.

Dated at Saint Paul, Minnesota this 27th day of October, 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Paul Brutlag, Acting Chair

COMMITTEE RECOMMENDATIONS

Northern Water Planning Committee

1. Becker County Comprehensive Local Water Management Plan Amendment – Keith Mykleseth – ***DECISION ITEM***

2. Lake County Local Water Management Plan Amendment – Brian Napstad – ***DECISION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Becker County Amendment of CLWMP

Meeting Date: October 27, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: North

Contact: Chad Severts

Prepared by: Chad Severts

Reviewed by: Northern Water Planning Committee(s)

Presented by: Keith Mykleseth

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Approval of the 2010 Amendment to the Becker County Comprehensive Local Water Management Plan.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Becker County Amendment of Local Water Management Plan - By Board Order, the Board of Water and Soil Resources (Board) approved the Becker County Comprehensive Local Water Management Plan (Plan) on March 23, 2005. This plan covers the ten year period of 2005-2014 and contained an 2005-2009 five year implementation section. The Board Order stipulated that the County was required to revise/update the implementation section for the period 2010-2014. Following the guidelines established by the Board, Becker County has completed the local water management plan amendment process and submitted their 2010 Amendment, which is for a five year period of 2010-2014. The Board's Northern Water Planning Committee (Committee) met on October 13, 2010 to review the Becker County Plan 2010 Amendment. The Committee recommends approval of the Plan Amendment with the suggestion that an objective be added pertaining to groundwater testing in the areas of the County with irrigated croplands. See attachments. DECISION ITEM

Becker County
Local Water Management Plan

January 1, 2005 – December 31, 2014

An amendment to the plan and implementation schedule will be completed Dec. 31, 2009

Prepared by the Becker Soil and Water Conservation District
Becker County Local Water Planning Task Force

5 Year Regularly Scheduled Update to the 10 Year
Becker County
Local Water Management Plan
Implementation Schedule

This addendum replaces pages 21-26 of the 2005-2014 Becker County Local Water Management Plan

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C. Goals, Objectives and Items: 21-27
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- Action Item, Development Pressures 23
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C. Goals, Objectives and Action Item:

A goal's, objectives and implementation schedule has been developed for each priority concern area. Though primary responsibilities are listed they are not meant to be exclusive, as additional partners such as landowners, lake associations, townships, and others may become cooperators to accomplish various goals.

Priority Concern: Surface Water Quality

Objective A. Provide for protection of all surface waters in Becker County through enforcement of existing regulations, use of existing programs and development of new programs.

1. Install 150 acres of buffer strips adjacent to eligible surface waters over the next 5 years through the continuous Conservation Reserve Program, Native Buffer Cost-share Program or EQIP program.

2. Make landowners aware of forestation and reforestation programs, such as State and Federal cost-share programs such as WHIP, EQIP and the Sustainable Forestry Incentives Program.

3. Maintain existing legal drainage systems and inventory for buffering needs, side inlets or grade stabilization structures.

4. Work with individual landowners to establish buffer strips, side inlets or grade stabilization structures along drainage systems to reduce sedimentation impacts.

5. Control the distribution and spread of undesirable vegetation in county lakes through educational programs, news releases, workshops, and partnering with Becker COLA, Minn. DNR, MPCA and Becker County.

6. Encourage Lake Associations to develop Lake Based Plans utilizing programs such as the Healthy Lakes and Rivers Program through the Initiative Foundation or the MPCA Assessment Planning Process.

7. Continue to work with the Becker COLA on their lake monitoring program and seek funding through MPCA to maintain and expand the Water Quality database for Becker County.

8. Work with appropriate agencies to inventory and create a GIS layer showing emergent vegetation areas on Becker County lakes for the purpose of reducing impacts from development, and other shoreline disturbances.

9. Encourage that land management activities on all ownerships follow the Best Management Practices established for those activities in Minnesota.

Objective B. Targeting and Prioritizing Refined Assessment and Implementation of Prioritized Waters in Becker County.

1. Support MPCA and Pelican River Watershed District in conducting a TMDL study of St. Clair Lake watershed in western Becker County and others identified in the future.

2. Develop and implement the nutrient reduction plan for the Upper Pelican River Watershed Area to reduce nutrient loading to Detroit Lake by 50%.

3. Pursue funding for a Shoreland Specialist position in the Becker SWCD to provide technical expertise in Best Management Practices and lake management to lake associations and riparian landowners.

4. Establish a technical committee consisting of representatives from MPCA, COLA, SWCD, NRCS, and WD's review existing and newly acquired data to prioritize Becker county lakes.

5. Provide information and assist landowners and or lake associations with procuring cost-share assistance for water quality improvement projects through state or federal grant programs.

Priority Concern: Stormwater Management

Objective A. Improve stormwater runoff quality by increased utilization of stormwater management practices throughout the County.

1. Promote proper management of forestry lands to help prevent erosion and sedimentation due to logging operations.

2. Identify critical erosion areas in the Buffalo, Ottertail and Wild Rice Watersheds and promote the use of erosion control measures, such as sediment control basins, to reduce sediment entering our ditches and watercourses and attempt to moderate peak flows. Priority will be given to those areas within 1000 feet of rivers, lakes and major ditch systems.

3. Give high priority consideration for EQIP program participation and funding to install conservation tillage practices, water & sediment control basins and buffer strips in the Sand Lake Watershed, the Upper Pelican River/Campbell Creek/Pearl Lake Watersheds, and the South Branch Wild Rice River Watershed and the Buffalo-Red River Watershed.

4. Install 50 water & sediment control basins over the next 5 years through programs such as EQIP, State Cost-share, CWL Grants, and others.

5. Seek funding from other agencies, such as the Buffalo-Red, Wild Rice, and Pelican River Watershed Districts to compliment other cost-share programs to assist in the installation of erosion control measures.

6. Work with contractors on understanding and implementing the NPDES permitting program and its requirements for controlling stormwater runoff during construction causing land alterations.

Priority Concern: Ground Water Quality

Objective A. Protect and preserve the ground water quality in Becker County.

1. Make available well water testing opportunities to individuals in Becker County and provide free well water testing clinics in cooperation with Minnesota Department of Agriculture.

2. Educate landowners through news articles, brochures, etc. on the importance of properly sealing abandoned wells.

3. Assist landowners with the sealing of abandoned wells and provide cost-share assistance through existing programs.

4. Keep a record of locations of all abandoned wells sealed in Becker County with cost-share and other programs as the information becomes known.

5. Assist wellhead water protection teams with the development and implementation of their Wellhead Protection Plans.

6. Inventory to determine the number of abandoned animal waste storage facilities and assist landowners in the proper closure of waste facilities and inform them of funding assistance that may be available through the federal EQIP or State Cost-share program.

7. Continue to support solid waste programs and education efforts on the proper disposal of hazardous waste and recycling programs.

8. Increase the recycling rate in Becker County by changing the rural recycling program to make it easier for residents to use and to increase the capacity of the system.

9. Increase Special Waste disposal opportunities for areas of the county that currently have limited disposal opportunities.

Objective B: Work with Becker County Planning and Zoning to increase ISTS compliance.

1. Identify and ensure the upgrades of failing septic systems throughout Becker County.

2. Make low interest loans available for ISTS upgrades through the AgBMP Loan Program.

3. Inventory ISTS systems around Becker County lakes to insure compliance with ISTS rules and regulations.

4. Administer and coordinate the ISTS compliance program on selected lakes. Program requires ISTS recertification for compliance. If ISTS is noncompliant site evaluations and designs for upgrade must be submitted for approval and upgraded to compliant ISTS or use of approved alternative systems such as cluster systems or other new technology.

Priority Concern: Development Pressures

Objective A. Becker County will promote development patterns that protect agricultural land, forests, lakes and wetlands throughout the county.

1. Continue the Environmental Review Committee to meet with developers prior to plat preparation to discuss all environmental and zoning concerns on proposed development sites.

2. Continue to enforce existing ordinances. Request assistance from appropriate agencies for ordinance revisions and updates.

3. Assist in the development of technical changes to the Becker County P&Z Ordinances for clarification enforcement and understanding.

4. Assist the MPCA with the TMDL process for water bodies as they are determined and assist in solving the identified problems.

Objective B. Encourage development patterns and land use practices that protect, enhance, maintain or restore water quality.

1. Educate residents on restoring and preserving natural shoreline areas.

2. Encourage the Minnesota legislature to develop and fund conservation easement programs that protect existing marginal shoreland areas from development.

Amended Becker County Local Water Management Plan
Priority Concerns Implementation Schedule 2010-2014

Implementation Schedule						
Priority- Surface Water Quality						
Objective A: Provide for protection of all surface waters in Becker County.						
	Actions	**Lead/Supporting Agencies**	**Duration**	**Est. Cost**	**Potential Funding Sources**	**Priority Watershed**
1	Install 150 acres of buffer strips adjacent to eligible surface waters over the next 5 years through the continuous Conservation Reserve Program, Native Buffer Cost-share Program or EQIP program.	NRCS, SWCD	2010 - 14	$15,000	NRCS SWCD Grants	All
2	Make landowners aware of forestation and reforestation programs, such as State and Federal cost-share programs such as WHIP, EQIP and the Sustainable Forestry Incentives Program.	DNR, County NRM SWCD	Ongoing	Existing staff time	NRCS, SWCD	All
3	Maintain existing legal drainage systems and inventory for buffering needs, side inlets or grade stabilization structures.	WD's, SWCD	2010-14	Existing staff time	WD's, SWCD	All
4	Work with landowners to establish buffers, side inlets, grade stabilization along drainage systems to reduce sedimentation impacts.	SWCD, NRCS, WD's	2010-14	Existing staff time	NRCS SWCD	All
5	Control the distribution and spread of undesirable vegetation in county lakes through educational programs, news releases, workshops, and partnering with Becker COLA, Minn. DNR, MPCA and Becker Cty.	WD's, MPCA, COLA	2010-14	Existing staff time	MPCA COLA WD's	All
6	Encourage Lake Associations to develop Lake Based Plans utilizing programs such as the Healthy Lakes and Rivers Program through the Initiative Foundation or the MPCA Assessment Planning Process.	SWCD, WD's COLA	2010-14	Existing staff time	MPCA Grants COLA	All
7	Continue to work with the Becker COLA on their lake monitoring program and seek funding through MPCA to maintain and expand the Water Quality database for Becker County.	SWCD WD's COLA	2010-14	$5,000/yr	MPCA Grants	All
8	Work with appropriate agencies to inventory and create a GIS layer showing emergent vegetation areas on Becker County lakes for the purpose of reducing impacts from development, and other shoreline disturbances.	DNR, COLA, SWCD, P&Z WD's	2010-14	$10,000	DNR, COLA CWL, Grants	All
9	Encourage that land management activities on all ownerships follow the Best Management Practices established for those activities in Minnesota.	SWCD, NRCS, WD's, DNR	2010-14	Existing staff time	N/A	All
Objective B: Targeting and Prioritizing Refined Assessment and Implementation of Prioritized Waters in Becker County						
1	Support MPCA & PRWD in conducting a TMDL study of St. Clair Lake watershed and others identified in the future.	PRWD, SWCD, City of Detroit Lakes	2012-14	Unknown	MPCA	Pelican
2	Develop and implement the nutrient reduction plan for the Upper Pelican River Watershed Area to reduce nutrient loading to Detroit Lake by 50%.	PRWD, SWCD, NRCS, MPCA, City of Detroit Lakes	2010-14	2.5 M	MPCA, DNR, PRWD. NRCS, BWSR	Pelican
3	Pursue funding for a Shoreland Specialist position in the Becker SWCD to provide technical expertise in Best Management Practices and lake management to lake associations and riparian landowners.	SWCD, COLA, WDS	Dependent on Funding	$40,000 per yr.	Grants, SWCD County, WD's	All

Implementation Schedule - Surface Water Quality – Objective B, Con't.						
4	Establish a technical committee consisting of representatives from MPCA, COLA, SWCD, NRCS, and WD's review existing and newly acquired data to prioritize Becker county lakes.	SWCD, P&Z, DNR, COLA WD's	2011-12	Unknown	Existing staff time	All
5	Provide information and assist landowners and or lake associations with procuring cost-share assistance for water quality improvement projects through state or federal grant programs.	SWCD, NRCS, WD's	2010-14	Existing staff time	SWCD, NRCS, WD's BWSR	All

Priority – Stormwater Management						
Objective A: Improve stromwater runoff quality throughout the county.						
	Actions	**Lead/ Supporting Agencies**	**Duration**	**Est. Cost**	**Potential Funding Sources**	**Priority Watershed**
1	Promote proper management of forestry lands to help prevent erosion and sedimentation due to logging operations.	County NRM DNR	Ongoing	Existing staff time	N/A	All
2	Identify critical erosion areas in the Buffalo, Ottertail and Wild Rice Watersheds and promote the use of erosion control measures, such as sediment control basins, to reduce sediment entering our ditches and watercourses. Priority will be given to those areas within 1000 feet of rivers, lakes and major ditch systems.	SWCD, NRCS, WD's	Ongoing	Existing staff time	EQIP Grants SWCD WD's	All
3	Give high priority consideration for EQIP program participation and funding to install conservation tillage practices, water & sediment control basins and buffer strips in the Sand Lake Watershed, the Upper Pelican River/Campbell Creek Watershed, the South Branch Wild Rice River Watershed and the Buffalo-Red River Watershed.	NRCS, SWCD	2010-14	$70,000	Grants, BWSR, SWCD, Federal cost share programs	All
4	Install 50 water & sediment control basins over the next 5 years through programs such as EQIP, State Cost-share, CWL Grants, and others.	NRCS, SWCD	2010-14	$250.000	Grants, BBWSR EQIP	All
5	Seek funding from other agencies, such as the Buffalo-Red, Wild Rice, and Pelican River Watershed Districts to compliment other cost-share programs to assist in the installation of erosion control measures.	SWCD	Ongoing	$60,000	WD's	BRRWD PRWD WRRWD
6	Work with contractors on understanding and implementing the NPDES permitting program and its requirements for controlling stormwater runoff during construction causing land alterations.	MPCA, WD's, P&Z	Ongoing	Existing staff time	N/A	All

Implementation Schedule
Priority – Ground Water Quality

Objective A: Protect and Preserve the ground water quality in Becker County.

	Actions	Lead/Supporting Agencies	Duration	Est. Cost	Potential Funding Sources	Priority Watershed
1	Make available well water testing opportunities to individuals in Becker County and provide free well water testing clinics in cooperation with Minnesota Department of Agriculture.	SWCD	Ongoing	Existing staff time	N/A	All
2	Educate landowners through news articles, brochures, etc. on the importance of properly sealing abandoned wells.	SWCD	Ongoing	Existing staff time	N/A	All
3	Assist landowners with the sealing of abandoned wells and provide cost-share assistance through existing programs.	SWCD	Ongoing	$3,000 per year	BWSR State cost share Grants	All
4	Keep a record of locations of all abandoned wells sealed in Becker County with cost-share and other programs as the information becomes known.	SWCD	Ongoing	Existing staff time	N/A	All
5	Assist wellhead water protection teams with the development and implementation of their Wellhead Protection Plans.	SWCD	Ongoing	Existing staff time	Dept. of Health	All
6	Assist landowners in the proper closure of unused animal waste facilities and inform them of funding assistance that may be available through the federal EQIP program or the State Cost-share program.	NRCS, SWCD	2010-14	$10,000	EQIP	All
7	Continue to support solid waste programs and education efforts on the proper disposal of hazardous waste and recycling programs.	Becker County Environmental Services	Ongoing	N/A	Existing staff time	All
8	Increase the recycling rate in Becker County by changing the rural recycling program to make it easier for residents to use and to increase the capacity of the system.	Becker County Environmental Services	2010-12	$600,000	BC, Grants	All
9	Increase Special Waste disposal opportunities for areas of the county that currently have limited disposal opportunities.	Becker County Environmental Services	2010-11	$100,000	BC	All
Objective B: Work with Becker Count Planning and Zoning to increase ISTS Compliance.						
1	Identify and ensure the upgrades of failing septic systems throughout Becker County.	Cty. P&Z	Ongoing	N/A	Existing staff time	All
2	Make low interest loans available for ISTS upgrades through the AgBMP Loan Program.	SWCD, MnDA	2010-14	N/A	Existing staff time	All
3	Inventory ISTS systems around Becker County lakes to insure compliance with ISTS rules and regulations.	Cty. P&Z	2010-14	$40,000	Grants	All
4	Administer and coordinate the ISTS compliance program on selected lakes, Program requires IATA recertification for compliance. If ISTS is noncompliant site evaluations and designs for upgrade must be submitted for approval and upgraded to compliant ISTS or use of approved alternative systems such are cluster systems or other new technology.	Cty. P&Z	2010-12	$250,000	CWL Grant	Listed Lakes

Implementation Schedule Priority – Development Pressures						
Objective A: Promote development patterns that protect agricultural land, forests, lakes, and wetlands.						
	Actions	**Lead Supporting Agencies**	**Duration**	**Est. Cost**	**Potential Funding Sources**	**Priority Watershed**
1	Continue the Environmental Review Committee to meet with developers prior to plat preparation to discuss all environmental and zoning concerns on proposed development sites.	P&Z, Becker Cty.	2011	N/A	Local existing staff time.	All
2	Continue to enforce existing ordinances. Request assistance from appropriate agencies for ordinance revisions and updates.	P&Z	Ongoing	N/A	Local existing staff time	All
3	Assist in the development of technical changes to the Becker County P&Z Ordinances for clarification enforcement and understanding.	P&Z, PRWD, SWCD, Cty.	Ongoing	N/A	Existing staff time	All
4	Assist the MPCA with the TMDL process for water bodies as they are determined and assist in solving the identified problems.	MPCA, WD's, SWCD	Ongoing	N/A	Existing staff time	All
Objective B. Encourage development patterns and land use practices that protect, enhance, maintain or restore water quality.						
1	Educate residents on restoring and preserving natural shoreline areas.	P&z, SWCD, WD's	Ongoing	N/A	Existing staff time	All
2	Encourage the Minnesota legislature to develop and fund conservation easement programs that protect existing marginal shoreland areas from development.	WD's, SWCD, P&Z	Ongoing	N/A	Existing staff time	All

Ongoing Activities

Wet land Conservation Act: The 1992Wetland Conservation Act (WCA) was passed to maintain and protect Minnesota's wetlands and the benefits they provide. Local units of governments such as cities, counties, watershed management organizations, townships, soil and water conservation districts implement the act locally. The Becker SWCD administers the act in Becker County for all lands in the county and for all the cities.

Pelican River Watershed District Permitting Program: The Becker SWCD will continue to provide site visits and review as requested for the Pelican River Watershed Districts permitting program as it relates to stormwater control in the shore impact zone.

EQIP Program: Keep landowners informed of incentive programs such as EQIP that provide incentives for conducting conservation measures such as no-till farming, water & sediment basins, field windbreaks, residue and nutrient management, etc.

Educational Programs: Sponsor and carryout youth educational programs such as Ag-in-the-Classroom, Envirothon, 5th Grade Conservation Tour, and others that educate our youth on water management and other resource issues.

Conservation Stewardship Program: Inform landowners and operators in Becker County of the financial benefits available through the Conservation Stewardship Program for BMPs that they may be already carrying out on their lands

Well Monitoring: Continue to monitor 7 wells in the Pelican River Sand Plains area and 20 in the Pineland Sand Plains Area for static water levels and provide the information to the Minn. DNR Division of Waters.

Crop Residue Surveys: Conduct as requested the crop residue survey inventory to monitor trends on reduced tillage farm operations in Becker County.

The 2008 list of impaired waters in the County that are currently underway, or not started, is provided in the table below.

2008 Clean Water Act Section 303 [d] List of Impaired Waters in the County.

Reach	Assessment Unit ID #	Affected Use	Pollutants/Stressors
White Earth River White Earth Lake to Wild Rice River	09020108-505	Aquatic Life	Turbidity
Lake	**Lake ID**	**Affected Use**	**Pollutants/Stressors**
Straight	03-0010-00	Aquatic Consumption	Mercury in Fish Tissue
Two Inlets	03-0017-00	Aquatic Consumption	Mercury in Fish Tissue
Boot	03-0030-00	Aquatic Consumption	Mercury in Fish Tissue
Bad Medicine	03-0085-00	Aquatic Consumption	Mercury in Fish Tissue
Toad	03-0107-00	Aquatic Consumption	Mercury in Fish Tissue
Many Point	03-0158-00	Aquatic Consumption	Mercury in Fish Tissue
Elbow	03-0159-00	Aquatic Consumption	Mercury in Fish Tissue
Cotton	03-0286-00	Aquatic Consumption	Mercury in Fish Tissue
White Earth	03-0328-00	Aquatic Consumption	Mercury in Fish Tissue
Muskrat	03-0360-00	Aquatic Consumption	Mercury in Fish Tissue
Detroit	03-0381-00	Aquatic Consumption	Mercury in Fish Tissue
St. Clair	03-0382-00	Aquatic Recreation	Nutrient/Eutrophication Biological Indicators
Little Floyd	03-0386-00	Aquatic Consumption	Mercury in Fish Tissue
Mud	03-0387-01	Aquatic Consumption	Mercury in Fish Tissue
Floyd (South Bay)	03-0387-02	Aquatic Consumption	Mercury in Fish Tissue
Melissa	03-0475-00	Aquatic Consumption	Mercury in Fish Tissue
Big Cormorant	03-0576-00	Aquatic Consumption	Mercury in Fish Tissue
Ida	03-0582-00	Aquatic Consumption	Mercury in Fish Tissue
Talac	03-0619-00	Aquatic Recreation	Nutrient/Eutrophication Biological Indicators

Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of Reviewing the Local Water Management Plan Amendment for Becker County (Minnesota Statutes , Section 103B.314, Subdivision 6)

ORDER APPROVING LOCAL WATER MANAGEMENT PLAN AMENDMENT

Whereas, on March 23, 2005, the Minnesota Board of Water and Soil Resources (Board), by Board Order, approved the Becker County 2005 – 2014 Comprehensive Local Water Plan Update (Plan), which contained a 2005 – 2009 five-year implementation section; and

Whereas, this Board Order stipulated that Becker County was required to update the 2005 – 2009 five-year implementation section; and

Whereas, the Becker County Board of Commissioners submitted a Local Water Management Plan 2010 Amendment to the Board on August 30, 2010; and

Whereas, the 2010 Amendment contains the updated five-year implementation section as ordered by the Board; and

Whereas, the Board has completed its review of the 2010 Amendment;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order:

FINDINGS OF FACT

1) On March 10, 2009, the Becker County passed a resolution to amend the five-year implementation portion of the LWMP and delegated the Becker SWCD the responsibility of amending the plan.

2) On May 30, 2009, the Board staff provided information on the amendment process to Becker County.

3) On January 19, 2010, Becker County provided proper notice to local units of government and state agencies on the county's intent to amend its five-year implementation section and invited all recipients to participate in the process.

4) Becker County received comments from the Minnesota Pollution Control Agency, the BWSR, Becker County Planning and Zoning, Cormorant Lakes Watershed District, Buffalo-Red River Watershed District, Pelican River Watershed District, Becker County Environmental Services and Lake Eunice, Osage, Spring Creek Spruce Grove, and Sugar Bush Townships.

5) On July 20, 2010, Becker County convened its water plan task force to review past accomplishments and review proposed changes to the Plan.

6) On August 24, 2010, after providing for proper public notice, Becker County conducted a public hearing on the proposed 2010 Amendment. No additional comments were submitted at the hearing.

7) On August 30, 2010, Becker County submitted the 2010 Amendment which includes the 2010 – 2014 five year implementation schedule for the required state agency review.

8) The Minnesota Department of Agriculture commended Becker County for the process used for the Amendment and concurs with the priority concerns selected. No other agencies provided comments.

9) On October 13, 2010, The Board's Northern Regional Water Planning Committee (Committee) reviewed the Becker County 2010 Plan Amendment, pursuant to 103B.301 and guidelines established by the Board.

10) Board regional staff provided its recommendation of approval to the Committee.

11) The Committee voted to recommend approval to the full Board, with the suggestion that an objective be added pertaining to groundwater testing in the areas of the County with irrigated croplands to the Ground Water Quality Priority Concern.

12) This 2010 Amendment will be in effect until December 31, 2014.

CONCLUSIONS

1. All relevant requirements of law have been fulfilled. The Board has proper jurisdiction in the matter of approving a Comprehensive Local Water Management Plan Update of Becker County pursuant to Minnesota Statutes, 103B.314, Subd. 6.

2. The Becker County 2010 Amendment attached to this Order states goals, objectives, and actions the county will address in the five-year implementation section through December 31, 2014. The 2010 Amendment, as well as the previously approved Becker County 2005 – 2014 Comprehensive Local Water Plan Update, is in conformance with the requirements of M.S. Section 103B.301.

ORDER

The Board hereby approves the attached 2010 Amendment of the Becker County Local Water Management Plan for November 1, 2010 – December 31, 2014. Becker County will be required to provide for a complete update of its Local Water Management Plan prior to December 31, 2014.

Dated at St Paul, Minnesota, this 27th day of October, 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Paul Brutlag, Acting Chair

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Lake County Local Water Plan Amendment

Meeting Date: October 27, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: North

Contact: Ryan Hughes

Prepared by: Ryan Hughes

Reviewed by: Northern Water Planning Committee(s)

Presented by: Brian Napstad

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☒ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

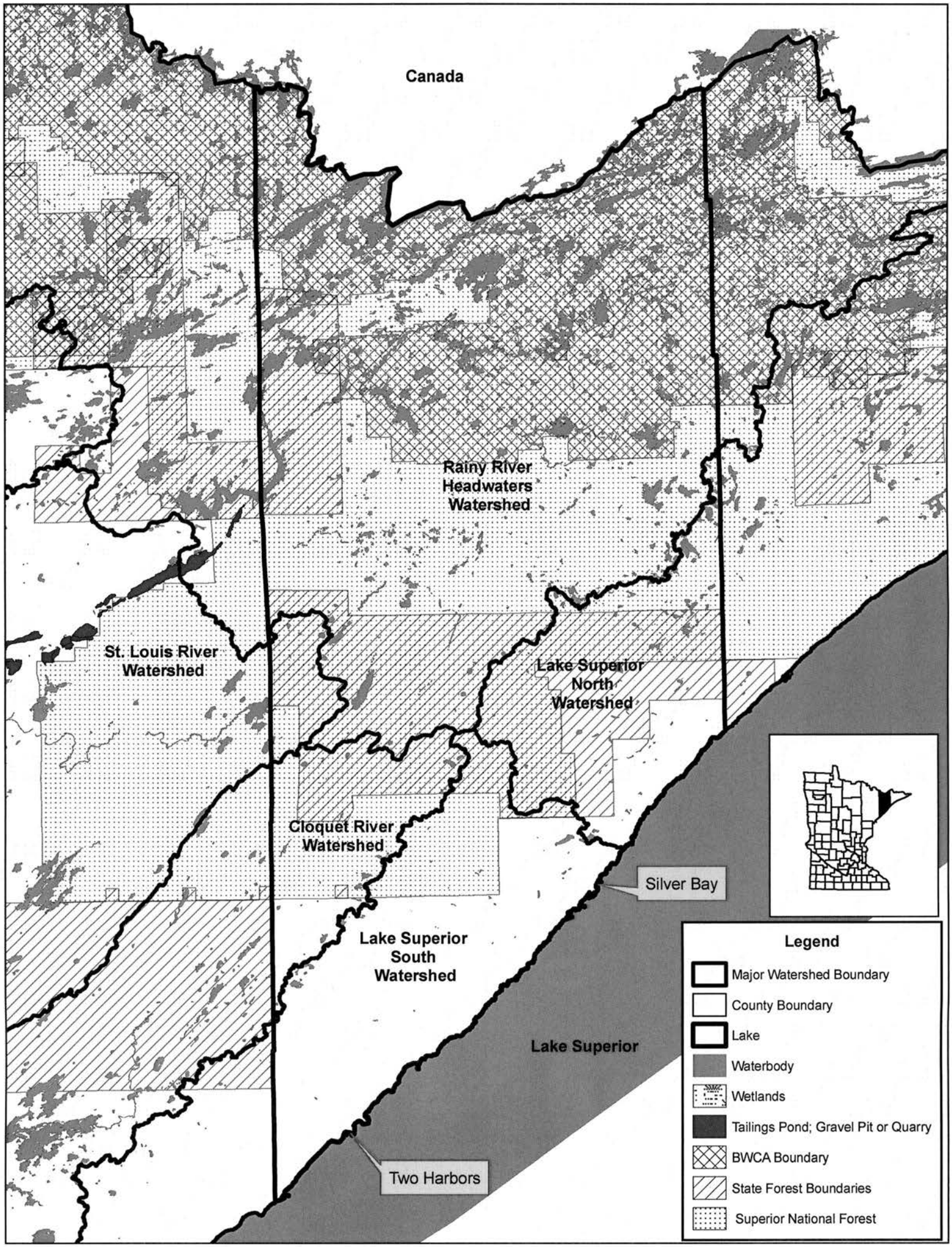
ACTION REQUESTED

Consider approval of the Lake County Local Water Management Plan Amendment.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

The current Lake County Local Water Management Plan expires October 26, 2015. The October 26, 2005 BWSR Order approving the 10-year plan required a review and update of the implementation plan in 5-years or by the end of year 2010. Lake County has completed the update in conformance with M.S. Section 103B.314 Subd. 6, relating to amendments of local water management plans. Lake County will be required to provide for a complete update of its local water management plan prior to October 26, 2015.

Attached for Acting Chair Brutlag's signature is the Order approving the Lake County Local Water Management Plan amendment.


Canada
Rainy River Headwaters Watershed
St. Louis River Watershed
Lake Superior North Watershed
Cloquet River Watershed
Silver Bay
Lake Superior South Watershed
Lake Superior
Two Harbors
Legend
Major Watershed Boundary
County Boundary
Lake
Waterbody
Wetlands
Tailings Pond; Gravel Pit or Quarry
BWCA Boundary
State Forest Boundaries
Superior National Forest

Minnesota Board of Water & Soil Resources

DATE: October 5, 2010

TO: BWSR Northern Region Planning Committee

FROM: Ryan Hughes, BWSR Board Conservationist

SUBJECT: Five-year Update to the Lake County Local Water Management Plan

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A BWSR Order issued on October 26, 2005, required Lake County to update the action (implementation) plan of their Local Water Management Plan within five-years (2010). Lake County has completed the update and has submitted the updated plan for BWSR approval.

The Lake SWCD administers the Local Water Management Plan for Lake County. The expiration date of the current plan is October 26, 2015.

Plan Update Timeline Summary

On February 9, 2010, the Lake County Board of Commissioners approved a resolution stating its intent to amend the current Local Water Management Plan.

On June 8, 2010, the Lake County convened its task force to review the Local Water Management Plan and initiate updates to the action plan.

On July 27, 2010, Lake County conducted a public hearing on its updated Local Water Management Plan.

On August 19, 2010, Lake County submitted their updated Local Water Management Plan and all other required information to the BWSR North Region Supervisor.

Plan Update Highlights

The update to the Lake County Local Water Management Plan was opportune due to the passing of the Clean Water, Land and Legacy Constitutional Amendment in 2008 and other conservation initiatives in the County since 2005.

The updated plan identifies specific high priority watersheds where technical and financial assistance will be targeted and prioritized. These watersheds are subject to increased development pressure, have more intensive land use and/or heavy red clay deposits that are highly erodible. The watersheds include Beaver River, Kawishiwi River, Knife River, Skunk Creek and Stewart River.

Bemidji 701 Minnesota Ave., Suite 234 Bemidji, MN 56601 (218) 333-8024

Brainerd 1601 Minnesota Drive Brainerd, MN 56401 (218) 828-2383

Duluth 394 South Lake Ave., Room 403 Duluth, MN 55802 (218) 723-4752

Fergus Falls 1004 Frontier Drive Fergus Falls, MN 56537-2505 (218) 736-5445

Marshall 1400 East Lyon St., Box 267 Marshall, MN 56258 (507) 537-6060

Mankato 1160 Victory Drive S., Suite 5 Mankato, MN 56001-5358 (507) 389-1967

New Ulm 261 Highway 15 South New Ulm, MN 56073 (507) 359-6074

Rochester 2300 Silver Creek Rd N.E. Rochester, MN 55906 (507) 206-2889

Central Office / Metro Office 520 Lafayette Road North Saint Paul, MN 55155 Phone: (651) 296-3767 Fax: (651) 297-5615

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Lake County and the SWCD serve as the Kawishiwi Watershed Protection Project sponsors and administrative support to the White Iron Chain of Lakes Association (WICOLA), which received a $225,000 grant. The County has included the support of this locally lead initiative in the Local Water Management Plan.

The County updated the implementation plan to include support via technical and financial assistance to implement erosion control and water quality improvements in identified high priority watersheds, listed impaired waters and TMDL implementation plans.

The updated plan discusses and supports the Lake County Storm Water Ordinance presently under review by the County Board.

State Agency Comments

Comments were received from the Minnesota Pollution Control Agency prior to the public hearing and from the Minnesota Department of Health and Minnesota Department of Agriculture during the BWSR State Agency review process.

Minnesota Pollution Control Agency – the written comments were received prior to the public hearing and discussed at the public hearing. The comments were taken into consideration and revisions to the plan were completed. Specific revisions included adding language to the plan for wastewater treatment for Stewart River and Silver Creek Township imminent health threat systems.

Minnesota Department of Health – recommended approval and commended the plan for its recognition of the importance of protecting groundwater quality.

Minnesota Department of Agriculture – recommended approval.

Board Conservationist Recommendations

As required by a BWSR Order issued October 26, 2005, Lake County has completed a five-year update to the Lake County Local Water Management Plan action (implementation) plan in conformance with M.S. Section 103B.314 Subd. 6. The Lake County Local Water Management Plan 2010 Amendment reviewed by the BWSR Northern Region Planning Committee is in conformance with the requirements of M.S. Section 103B.311, therefore, I recommend approval by the Committee and that the Plan be sent to the full Board for approval at the October 27, 2010 meeting

Lake County
Local Water Management
Plan Update

July 2005

Duration: 2006 – 2015

Amended: June 2010
Duration: 2011 - 2015

Prepared By:

Wayne Seidel, Lake County Water Plan Administrator

With Assistance From:

Lake County Water Plan Advisory Committee

Cliff Bentley – MN DNR Area Hydrologist
Tom Gelineau – Lake County SWCD Supervisor
Deborah Kosiak – Lake County Health Department
Jim Linscheid – Lake County Planning Commission
Rich Sve – Lake County Commissioner
Walt VanDenHeuvel – Lake County Land Use Specialist
Don Warner – Lake County SWCD Supervisor

Executive Summary

The Lake County Local Water Management Plan was amended in 2010 as agreed to per approval of the Lake County Water Plan Update on October 26, 2005 by the Minnesota Board of Water and Soil Resources. On February 9, 2010, the Lake County Board passed a resolution to begin the amendment process. Local units of governments and state agencies were notified in late February and the Lake County Water Plan Advisory Committee started the amendment process at their February 23, 2010 meeting. Briefly, the entire 2005 Lake County Water Plan Update was reviewed and changes were made in the following areas:

1. Priority Concerns – high priority watersheds were listed and defined.
2. Relevant Plans and Controls – updated and additional plans were added for reference purposes
3. Implementation Program (5 Year Work Plan: 2011- 2015) – updated and work plan was expanded.

Following approval by the Water Plan Advisory Committee, the amended plan was sent to local units of government and state agencies for formal review. After taking into consideration review comments, a public hearing was held in Lake County.

Previously, the Lake County Local Water Management Plan was updated by a ten-member Water Plan Advisory Committee that was led by Wayne Seidel, Lake County Water Plan Administrator. The update process was started in 2002, suspended in 2003 due to a state budget shortfall, resumed in 2004, and completed in 2005. The purpose of the planning process was to develop a plan of work that would protect and enhance surface water, ground water and related land resources within Lake County. The Advisory Committee developed a planning process designed to incorporate input from the general public, input from local units of government and state agencies, and to develop consistency with local, state and federal plans and controls.

Following meetings with township officials, completion of a water issues survey (230 respondents), and feedback from state agencies, the Advisory Committee identified seven *Priority Concerns*.

1. Increased Development Pressures – Erosion Control on Construction Sites, Road Management, Cumulative Impacts, Shoreline Erosion Control
2. Enforcement of Existing Land Use Laws and Use of Best Management Practices in Development Activities and Forest Management Activities
3. Storm Water Management
4. Wastewater Management - Non-Conforming Sewage Treatment Systems, Surface and Groundwater Contamination, Drinking Water Quality
5. Natural Resources Education on Water/Land Issues
6. Lake and Stream Water Quality, Water Quantity and Biological Integrity
7. Supportive of Total Maximum Daily Load (TMDL) research project efforts on north shore streams.

After assessing the seven *Priority Concerns* and additional ongoing water plan programs, the Advisory Committee endorsed the overall goal of the original Local Water Management Plan (1993) as still being relevant for Lake County. The overall goal states, "Maintain and improve both surface and groundwater quality and quantity through sound ecosystem management."

This overall goal encompasses three components that include: Education and Information; Natural Resources Planning and Practices; and Administration. The Advisory Committee combined this overall goal with six specific objectives, within the framework of a ten-year plan of work, to address the needs of the *Priority Concerns* and ongoing water plan programs.

The six objectives identified to achieve the overall goal include:

Objective 1: Promote and Implement Sound Land Use Practices

Objective 2: Promote Proper Use and Disposal of Household Hazardous Wastes

Objective 3: Improve the Management and Maintenance of Individual Sewage Treatment Systems

Objective 4: Coordinate Local Government Efforts to Address Surface and Ground Water Pollution Problems

Objective 5: Implement a Natural Resources Education Program that instills a Stewardship Ethic

Objective 6: Administer the Lake County Local Water Management Plan in an Efficient and Cost-Effective Manner

The ten-year plan of work concentrates on tasks that address priority concerns that are within current budgetary and staff time constraints. Presently, the Lake County Water Plan budget is approximately $23,000 per year and implementation has been delegated to the Lake County Soil and Water Conservation District. Examples of work plan items include:

a. Conduct an annual Erosion Control Workshop for Contractors.
b. Assist the Lake County Planning Commission on land use issues related to erosion control and storm water management.
c. Conduct a variety of natural resources education programs for students – Natural Resources Field Day, Area III ENVIROTHON Competition, Lake County Demonstration Forest, and Wastewater Treatment.
d. Provide educational opportunities on the proper maintenance of sewage treatment systems.
e. Provide a copy of the *Lake County Property Owner's Resource Guide* to all new property owners.

Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of Reviewing the Local Water Management Plan Amendment for Lake County (Minnesota Statutes, Section 103B.314, Subdivision 6)

ORDER APPROVING LOCAL WATER MANAGEMENT PLAN UPDATE

Whereas, on October 26, 2005, the the Minnesota Board of Water and Soil Resources (Board), by Board Order, approved the Lake County Comprehensive Local Water Management Plan Update (Plan); and

Whereas, the Board Order stipulated Lake County was required to update the action plan in five-years (2010); and

Whereas, the Lake County Board of Commissioners submitted the Lake County Comprehensive Local Water Management Plan 2010 Amendment (Amendment) to the Board on August 19, 2010

Whereas, the Amendment contains the updated five-year action plan as ordered by the Board; and

Whereas, the Board has completed its review of the Amendment.

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order:

DRAFT

FINDINGS OF FACT

1) On March 1, 2010**,** the Board received a February 9, 2010 resolution from Lake County stating its intent to amend its current Plan by providing for the required update of the five year action plan, pursuant to M.S. Section 103B.314, Subd. 6.

2) On March 3, 2010, Board staff provided information on the Amendment to Lake County.

3) On February 23, 2010, Lake County provided proper notice to local units of government and state agencies of the County's intent to amend its five-year action plan and invited all recipients to participate in the amendment process. Written comments were received from Board staff. No other state agency or local government unit provided written comments to Lake County.

4) On June 8, 2010, Lake County convened its water plan task force to review comments received and initiate the five-year action plan update.

5) On July 9, 2010, Lake County provided notice of a public hearing to state agencies and local government units.

6) On July 27, 2010, Lake County conducted a public hearing on the proposed Amendment. The Minnesota Pollution Control Agency provided written comments for the public hearing in a letter dated July 26, 2010. No additional comments were submitted at the hearing.

7) On August 19, 2010, the Board received the Amendment, a record of the public hearing, and copies of all written comments pertaining to the Amendment, pursuant to M.S. Section 103B.314, Subd. 6.

8) On October 13, 2010, the Board's Northern Water Planning Committee (Committee) reviewed the Amendment, pursuant to 103B.301 and guidelines established by the Board.

9) On October 13, 2010, Board regional staff provided its recommendation of approval of the Amendment to the Committee.

10) On October 13, 2010, the Committee voted to recommend approval of the Amendment to the full Board at its next scheduled meeting.

11) The Amendment will be in effect until October 26, 2015.

CONCLUSIONS

1. All relevant requirements of law have been fulfilled. The Board has proper jurisdiction in the matter of approving a Comprehensive Water Plan Update of Lake County pursuant to Minnesota Statutes, 103B.314, Subd. 6.

2. The Lake County Comprehensive Local Water Management Plan 2010 Amendment attached to this Order states goals, objectives, and actions the County will address in the five-year implementation section. The Lake County Comprehensive Local Water Management Plan 2010 Amendment is in conformance with the requirements of M.S. Section 103B.311.

ORDER

The Board hereby approves the attached Lake County Comprehensive Local Water Management Plan 2010 Amendment. Lake County will be required to provide for a complete update of its Comprehensive Water Management Plan prior to October 26, 2015.

Dated at St. Paul, Minnesota, this twenty-seventh day of 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

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BY: Paul Brutlag, Acting Chair

COMMITTEE RECOMMENDATIONS

RIM Reserve Management Planning Committee

1. RIM Reserve Southern Minnesota Flood Disaster Response – Kevin Lines
   DECISION ITEM

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **RIM Reserve Southern Minnesota Flood Disaster Response**

Meeting Date: October 27, 2010

Agenda Category: ☒ Committee Recommendation ☒ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Presidential Declared Disaster Area (southern tier counties, to be identified)

Contact: Kevin Lines

Prepared by: Kevin Lines

Reviewed by: RIM Reserve Management Planning Committee (RRMPC) Committee(s)

Presented by: Kevin Lines, Conservation Easement Section Manager

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☒ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☒ New Policy Requested

☐ General Fund Budget
☒ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☒ Other: 2010 Special Session Bonding for use by RIM Reserve

ACTION REQUESTED

Establish payment rates, eligibility, and sign-up procedures for RIM Reserve Program in conjunction with southern Minnesota Flood Disaster Response

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Governor Tim Pawlenty called a special session of the Minnesota State Legislature on October 13, 2010 to address flooding in the following counties (other counties may be added):

> Blue Earth, Cottonwood, Dodge, Faribault, Freeborn, Goodhue, Jackson, Lincoln, Lyon, Martin, Mower, Murray, Olmsted, Pipestone, Rice, Rock, Steele, Wabasha, Waseca, Watonwan, and Winona

The Minnesota State Legislature appropriated bond funds for the RIM Reserve Program to acquire permanent conservation easements on land either damaged by the rain/flood event of September 22-23, 2010, or will help to reduce the impacts of future flood/rain events.

The RRMPC met on Monday, October 18, 2010 to review the following draft resolution, and recommends it for board approval on Wednesday, October 27, 2010. This resolution establishes payment rates and authorizes staff to develop procedures and criteria for the 2010 RIM Reserve Special Session Flood Disaster Response sign-up to begin November 1, 2010 and run through January 31, 2011.

Board Resolution #_____

Establish Rates, Eligibility, and Signup Procedures for the 2010 RIM Reserve Special Session Southern Minnesota Flood Disaster Response

WHEREAS, a Presidential disaster, number FEMA-1941-DR, was declared on October 13, 2010 in the following counties in Southern Minnesota due to damage resulting from severe rains and flooding on or after September 22, 2010; and

WHEREAS, the purpose of the 2010 RIM Reserve Special Session Southern Minnesota Flood Disaster Response is to acquire permanent conservation easements from willing landowners to restore floodplains, riparian buffers and wetlands on lands in the area included in DR-1941 that were damaged by the rains and flooding of September 22, to provide flood attenuation and to protect soil and water quality per provisions of Minnesota Statute Section 103F.515; and

WHEREAS, Minnesota Statute Chapter 12A.05 provides a framework and procedures for state agencies to assist communities to recover from a natural disaster for areas of Minnesota that are included in a presidential declaration of major disaster; and

WHEREAS, the Minnesota Legislature in their October 18, 2010 Special Session in H.F. No. ____, Article ____ Section ____ appropriated cost-share and easement funding, and provided for the waiver of Minnesota Rules, Chapter 8400 for new and past appropriations; and

WHEREAS, the RIM Reserve Conservation Easement Program is administered by the BWSR, in cooperation with local Soil and Water Conservation Districts (SWCDs); and

WHEREAS, these RIM Reserve funds are intended to leverage federal funds when feasible or used when federal funds are not available; and

WHEREAS, SWCDs will be reimbursed for their services related to BWSR's current RIM Reserve service rate; and

WHEREAS, Board and Natural Resources Conservation Service (NRCS) staff, in consultation with the University of Minnesota Applied Economics Department, have determined that the most recent Average Assessed Tillable Value (AATV) by township as established by the Minnesota Department of Revenue is the most consistent and available land value data to use as the basis for easement payment rates and which is posted at the Minnesota Land Economic Website: www.landeconomics.umn.edu; and

WHEREAS a subcommittee shall be appointed by the chair of the BWSR that may review the applications and make project selections in coordination with Minnesota NRCS;

WHEREAS, the Board of Water and Soil Resources RIM Reserve Management Planning Committee met on Monday, October 18, 2010 to review and recommend the following provisions be adopted to successfully implement the 2010 RIM Reserve Special Session Flood Disaster Response;

NOW, THEREFORE, BE IT RESOLVED THAT, the Minnesota Board of Water and Soil Resources authorizes staff to implement the 2010 RIM Reserve Special Session Flood Disaster Response as follows:

1. Begin no sooner than November 1, 2010 and no later than January 31, 2011.

2a. The payment rate for eligible croplands enrolling in the **RIM Reserve Program** is not to exceed 100% of the AATV and for non-cropland acres not to exceed 60% of AATV.

2b. The payment rate for wetland restorations eligible for the **RIM-WRP Partnership** for cropland acres is not to exceed 125% of the Average Assessed Tillable Value (AATV) and for non-cropland acres not to exceed 70% of the AATV.

2c. Establish payment rates for special circumstances as identified and determined by the Executive Director that are greater than 2a above, but less than 2b above and deemed fair and prudent.

3. Staff are authorized to develop eligibility, prioritization, sign-up and selection procedures.

Rates are to be calculated using the township average tillable property value reported by county assessors for the 2011 tax year.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

By:

Paul Brutlag, Acting Chair

NEW BUSINESS

1. Minnesota Lake Superior Coastal Program Grant Application Resolution – Steve Woods – ***DECISION ITEM***

2. FY 2011 SWCD Grant Allocations – Cost Share Allocation, Amend Board Resolution #10-57- Dave Weirens – ***DECISION ITEM***

3. 2010 (FY11) Southern Minnesota Flood Relief – Dave Weirens – ***DECISION ITEM***

4. SSTS Imminent Health Threat Abatement and Feedlot Water Quality Continuous Sign-up Grant Programs – Dave Weirens – ***INFORMATION ITEM***

5. MNDOT-BWSR Cooperative Wetland Replacement Program – Dave Weirens - ***INFORMATION ITEM***

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **Lake Superior Coastal Program Grant Application**

Meeting Date: October 27, 2010

Agenda Category: ☐ Committee Recommendation ☒ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: North

Contact: Ryan Hughes

Prepared by: Ryan Hughes

Reviewed by: _____ Committee(s)

Presented by: Steve Woods or Ryan Hughes

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Consider approval of the Resolution of Authorization for Minneosota Lake Superior Coastal Program Grant Application

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
The Minnesota Lake Superior Coastal Progam annually offers federal matching funds from the National Oceanic and Atmospheric Administration (NOAA) for the purpose of undertaking projects that address coastal issues. Approximately $500,000 is available for the next round of funding. Funds for non-construction activities, such as education, are available thru this program.

Staff requests approval via the required, attached resolution to prepare an application for funding from the Minneosta Lake Superior Coastal Program. If grant funds are received they will be used by local government units and State agency staff within the Lake Superior basin to participate in fluvial geomorphology training opportunities. Training opportunties are offered thru the Minneosota DNR Stream Health and Restoration Workshops and Wildland Hydrology, Inc. worshops (see attached flyers). (FYI - similar sessions were held in Fergus Falls last year. Wildland Hydrology is the technical trainer.

The application is in the process of being developed. The funding request is anticipated not to exceed $25,000. The 25% match will be achieved thru the use of local or State in-kind match, therefore there are no financial impacts. The deadline for submittal is November 19, 2010. Currently, commitments for letters of support have been received from Cook, Lake, North St. Louis, South St. Louis and Carlton County SWCDs.

Attached for Acting Chair Brutlag's signature is the Resolution of Authorization for Minneosota Lake Superior Coastal Program Grant Application.

Stream Health and Restoration Workshops

- 2010 -

Natural Channel Design in Dam Removal & Fish Passage

June 14-18

Fergus Falls, MN

Stream Restoration

August 16-20

Fergus Falls, MN

As rivers become more widely recognized and appreciated as valuable natural resources, the responsibility to better understand these systems takes on greater importance. The Minnesota Department of Natural Resources offers workshops that teach the basic functions and processes of rivers, the Rosgen method of stream classification, assessing and monitoring river health, and natural channel design river restoration. These workshops are designed for natural resource professionals whose work involves rivers directly or indirectly as well as those who are engaged in watershed-wide resource management issues. Workshops are hands on experiences and each one requires students to complete fieldwork, data analysis, and present their findings.

Minnesota
DEPARTMENT OF NATURAL RESOURCES

Our Workshop Series

We offer a series of four stream-related workshops. The first course, *Fluvial Geomorphology and Stream Classification*, provides fundamental knowledge of river dynamics and classification and therefore is a prerequisite for the subsequent courses. This workshop is typically offered every summer. The *Stream Assessment and Monitoring* course is a prerequisite to the *Stream Restoration* course. These workshops are offered in alternating years. The *Natural Channel Design in Dam Removal and Fish Passage* workshop is a new course offered according to demand. All courses include both classroom lectures and field exercises, and all run from mid-day Monday through mid-day Friday.

Equipment Needed

Laptops, USB (jump) drives, and scientific calculators are required for all courses to facilitate data sharing, analysis and presentation preparation. Chest waders are required for fieldwork, but in some streams and weather conditions students find hip waders, wet suits or swim suits with a pair of wading shoes or sandals more comfortable. Mosquito repellent, rain gear, sunscreen, and water bottle are also recommended. All other necessary field gear to complete the course will be provided.

Stream Stability:
"Ability of a stream to transport the water & sediment of its watershed in such a manner as to maintain its dimension, pattern, and profile, over time, without either aggrading or degrading."
-Rosgen, 1994

Fluvial Geomorphology and Stream Classification

Rivers and streams have predictable dimensions, patterns, and profiles. This course discusses the fluvial geomorphological processes involved in creating and maintaining these parameters, as well as the fundamental hydrology and hydraulics of rivers. We also focus on the skills necessary to properly determine a stream segment's type, including the essential tools for classifying streams to Levels 1 and 2 using the Rosgen classification methodology. Upon completion of this course, students will have the skills necessary to classify a stream reach, greatly facilitating communications among river managers worldwide. Students will also have a firm knowledge of the functions and processes that are critical to a river's health.

This class will not be offered in 2010.

Stream Assessment and Monitoring

This workshop is designed to teach natural resource professionals to effectively determine a stream's health, or condition, and to monitor it over time. Concepts taught include monitoring design and evaluation, sediment transport, causes and rates of erosion, use of biological indicators, and understanding riparian vegetation. Techniques used include surveying, Pfankuch's Stability Rating, biological sampling, Bank Erosion Hazard Index, bank pins and bed chains, introduction to suspended and bedload sediment sampling methods, and reconnaissance and screening levels of the WARSSS riparian and channel monitoring techniques. Students completing this course will be able to quantitatively describe a river's condition in terms that other professionals can understand. These skills also enable a researcher to monitor a river's condition over time in a non-subjective manner.

This class will not be offered in 2010.

Stream Restoration

This workshop is designed to teach natural resource staff to plan and construct stream improvements and restorations using natural materials and designs, while working with the river's natural processes rather than against them. Project types discussed will include bank stabilization, dam removal, dam conversion to a rapids, culvert placement, restoration of meanders to straightened channels, and fish bypass channels around dams. In addition to classroom lectures and field observations, students will design and construct a restoration project on a laboratory stream model. After completing this course, students will be able to work with other professionals to design and implement stream improvement projects on the ground from beginning to end, using a natural stream approach.
This class will be held in Fergus Falls, Minnesota this year, 16-20 August.

Natural Channel Design in Dam Removal and Fish Passage

This course will cover the range of dam effects on river ecology, alternatives for restoration and design criteria for dam removals and natural channel based fish passage. Lecture topics will include: fish hydrodynamics, fluvial processes, culvert design, fishway design, river restoration following dam removal, permitting, construction, and monitoring. A bus tour will provide visits to a number of projects, as well as opportunities to actually snorkel within fishways and observe passing fish. Students will visit a dam and develop conceptual fish passage designs that will be tested in a physical model.
This class will be held in Fergus Falls, Minnesota this year, 14-18 June.

Instructors:

Dr. Luther Aadland *Luther is the Program Consultant for the Minnesota Dept. of Natural Resources' Stream Habitat Program. He earned his doctorate from the University of North Dakota in 1987. His work and research have included a wide variety of topics related to stream health, habitat, geomorphology, and ecology. He has developed designs for numerous channel restoration, fish habitat, fish passage, flood damage reduction, dam removal, and bank stabilization projects.*

Ian Chisholm *Ian is the Program Supervisor of the Minnesota Dept. of Natural Resources' Stream Habitat Program. He earned his masters degree in Fisheries Science from the University of Wyoming in 1985. Ian has worked extensively to incorporate science and ecological principles into freshwater management, at every level, from field data collection to policy and management philosophy.*

Neil Haugerud *Neil is a River Ecologist with the Minnesota Dept. of Natural Resources' Stream Habitat Program. He earned his masters degree in Wildlife and Fisheries Sciences from South Dakota State University in 2003. He is experienced in stream biological monitoring, macroinvertebrate identification, reference site selection, and evaluating water quality. Neil's work focuses on project monitoring, river restorations, and geomorphological data analysis and management.*

Dr. Sandy Verry *After retiring as the Chief Forest Hydrologist with the U.S. Forest Service North Central Research Station in Grand Rapids, MN, Sandy started the Ellen River Partners river restoration consulting firm. Sandy earned his masters degree from the University of Illinois and his doctorate from Colorado State University in 1983. He is an expert on watershed hydrology, riparian management, and nutrient cycling, with a focus on the peatlands and bogs of northern Minnesota. Sandy has also studied culvert placement extensively.*

Kevin Zytkovicz *Kevin has over 20 years of service with the Minnesota Dept. of Natural Resources in both the Bureau of Engineering and the Division of Ecological Resources. He has extensive training and experience in hydrography, traditional land surveying, and the technologies used in these industries (CADD, GIS, GPS). Specific experience includes all aspects of channel restoration, initial surveys of project and reference sites, channel design incorporating Rosgen techniques, construction site management, and post construction monitoring.*

Dr. Amy Childers *Amy is a River Ecologist and Outreach Specialist with the Minnesota Dept. of Natural Resources' Stream Habitat Program. She earned her masters degree and doctorate in Chemical Oceanography from the University of Alaska Fairbanks in 2001 and 2005. Her research focused on nutrient dynamics in the Gulf of Alaska. Her ambition is educating others about stream health.*

2010 Stream Workshop Registration Form

Registering for: **Price**

☐ **Natural Channel Design in Dam Removal & Fish Passage** $1,000
June 14-18, 2010 Fergus Falls, MN

☐ **Stream Restoration** $1,000
August 16-20, 2010 Fergus Falls, MN

Total: $_____

Registrants contact information:

_____
First & Last Name (as preferred on name badge)

_____
Title/Position

_____
Organization/Agency

_____
Street Address

_____
City, State, Zip

_____
Daytime phone

_____
E-mail address

_____
Dietary or special need

_____
Payment information

Mail or fax registration to:

MN DNR, Attn. Brenda Johnson
1509 First Avenue North
Fergus Falls, MN 56537
Phone (218) 739-7576 x260
Fax (218) 739-7601
Brenda.L.Johnson@state.mn.us

- Payment is due with registration.
- MN DNR staff or other state agencies can pay by purchase order. For all others, checks should be made out to 'MN DNR'. (*Sorry, but we can not accept credit cards.*)

☐ Check is enclosed (payable to MN DNR)
☐ Will provide purchase order (if state agency)
☐ If payment is not included explain when payment will be made.

- Registrations will be handled on a first come/ first served basis; class size will be limited to 40 students.
- Cancellations less than two weeks prior to the first day of class will result in a $100 penalty.
- Class cancellations due to low enrollment will be determined by **May 7th** for the **Natural Chanel Design** workshop and **July 9th** for the **Stream Restoration** workshop.

Hotel rooms are reserved under "MN DNR" in Fergus Falls, MN at the AmericInn (218) 739-3900 for $69.90 per person per night plus tax.

E-mails will be sent to confirm registration and to provide workshop information.

For payment or billing questions, contact:
Brenda Johnson (information above)

For questions about the workshops, contact:

Amy Childers
MN DNR - Ecological Resources
Stream Habitat Program
Phone: 218-739-7576 x233
Amy.R.Childers@state.mn.us

Short Course Schedule–2011

Wildland Hydrology is pleased to announce the availability of short courses for 2011. Please note that courses will be held in various locations. The course fee covers tuition and course materials **ONLY** (no meals or lodging) unless otherwise noted. Participants are responsible for making their own food and lodging arrangements **unless** otherwise noted.

Please note that all classes require **a knowledge of basic survey skills**. If you have no field experience or survey skills, we recommend the course BASIC SURVEY SKILLS. A good reference for this is the U.S. Forest Service manual "Stream Channel Reference Sites: An Illustrated Guide to Field Techniques". You can access this manual from our website (Click here). It will acquaint you with the skills required.

WILDLAND HYDROLOGY, INC.
11210 N. County Road 19
Fort Collins, CO 80524
Phone: 970-568-0002
Registration Office: 970-568-0003
Fax: 970-568-0014
E-mail: wildland@wildlandhydrology.com

We will continue to accept registrations for full classes in case of cancellations.

Basic Survey Skills **Instructors:** David Bidelspach and Brandon Rosgen **Prerequisite:** None	**Fee: $400** **Deposit: $150** **2 day course**
Dates:	**Registration links and information:**
• No class scheduled for 2011	
Level I. Applied Fluvial Geomorphology **Instructor:** Dave Rosgen, PhD **Prerequisite:** Must have knowledge of basic survey skills	**Fee: $1500** **Deposit: $500** **5 day course**
Dates:	**Registration links and information:**
• November 1–5, 2010 Austin, TX	Wildland Hydrology Registration FULL but still accepting registrations
• November 8–12, 2010 WCRC Fayetteville, AR	For registration call at 501-352-7294 or go to: http://www.watershedconservation.org/
• January 24–28, 2011 Georgia, Location TBD	Wildland Hydrology Registration
• February 7–11, 2011 Pilot View, Inc. Asheville, NC	For registration call 336-750-0522
• February 21–25, 2011 Pilot View, Inc. Asheville, NC	For registration call 336-750-0522 *Instructor: Dr. Richard Hey

• April 18–22, 2011 NCTC Shepherdstown, WV	Wildland Hydrology Registration
• June 20–24, 2011 Lubrecht Forest, MT	Wildland Hydrology Registration
• August 15–19, 2011 Calgary, Alberta CANADA	Wildland Hydrology Registration NOTE: Price $1950 Canadian
• August 29 –Sept 2, 2011 MN DNR – Location TBD	Wildland Hydrology Registration
• November 7–11, 2011 WCRC Fayetteville, AR	For registration call at 501-352-7294 or go to: http://www.watershedconservation.org/
Level II. River Morphology and Applications **Instructor:** Dave Rosgen, PhD **Prerequisites:** Applied Fluvial Geomorphology **OR** Fluvial Geomorphology for Engineers	**Fee: $1600** **Deposit: $500** **5 day course**
Dates:	**Registration links and information:**
• March 7–11, 2011 Pilot View, Inc. Asheville, NC	For registration call 336-750-0522
• May 2–6, 2011 NCTC Shepherdstown, WV	Wildland Hydrology Registration
• July 11–15, 2011 Bend, OR	Wildland Hydrology Registration
• October 3–7, 2011 Minnesota DNR, Minnesota Location TBD	Wildland Hydrology Registration
Level III. River Assessment and Monitoring **Instructor:** Dave Rosgen, PhD **Prerequisites:** Applied Fluvial Geomorphology **OR** Fluvial Geomorphology for Engineers **AND** River Morphology and Applications	**Fee: $2700** **Deposit: $700** **10 day course**
Dates:	**Registration link:**
• March 28–April 7, 2011 Pilot View, Inc. Dobson, NC	For registration call 336-750-0522
• May 16–26, 2011 NCTC Shepherdstown, WV	Wildland Hydrology Registration
Level IV. River Restoration and Natural Channel Design **Instructor:** Dave Rosgen, PhD **Prerequisites:** Applied Fluvial Geomorphology **OR** Fluvial	**Fee: $2700** **Deposit: $700** **10 day course**

Geomorphology for Engineers **AND** River Morphology and Applications, and River Assessment and Monitoring	
Dates:	**Registration link:**
• October 17–27, 2011 Pilot View, Inc. Dobson, NC	For registration call 336-750-0522

Level V. River Restoration Design Implementation **Instructors:** Dale Hockett and Dave Rosgen, PhD **Prerequisites:** Applied Fluvial Geomorphology **OR** Fluvial Geomorphology for Engineers **AND** River Morphology and Applications, River Assessment and Monitoring, River Restoration and Natural Channel Design	**Fee: $1600 per person** **Deposit: $500** **5 day course**
Dates:	**Registration link:**
• No class scheduled for 2011	

Level I(e). Fluvial Geomorphology for Engineers **Instructor:** Richard Hey, PhD **Prerequisite:** Basic Survey Skills **Note:** This class fills the Applied Fluvial Geomorphology prerequisite for River Morphology & Applications	**Fee: CALL** **5 day course**
Dates:	**Registration information:**
• No class scheduled for 2011	

Click here to register now.

E-mail: wildland@wildlandhydrology.com

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RESOLUTION OF AUTHORIZATION FOR MINNESOTA LAKE SUPERIOR COASTAL PROGRAM GRANT APPLICATION

RESOLUTION

WHEREAS, the Minnesota Board of Water and Soil Resources desires financial assistance under Minnesota's Lake Superior Coastal Program.

NOW, THEREFORE, be it resolved by the Minnesota Board of Water and Soil Resources as follows:

1. That the Minnesota Board of Water and Soil Resources approves filing a grant application to Minnesota's Lake Superior Coastal Program.

2. That Ryan Hughes is hereby authorized and directed to execute and file an application with the Minnesota Department of Natural Resources and provide all information and documentation required to become eligible for possible funding assistance.

3. That John Jaschke has signatory authority to enter into an agreement to accomplish the grant purposes.

4. That the Minnesota Board of Water and Soil Resources agrees to act as legal sponsor and to obligate the funds required to satisfactorily complete the proposed project and become eligible for reimbursement under the terms and conditions of the Minnesota Lake Superior Coastal Program.

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, hereby certify, that the foregoing is a true and correct copy of the resolution adopted by the Minnesota Board of Water and Soil Resources regular meeting held on the twenty-seventh day of October 2010 and that I am duly authorized to execute this certificate.

_____

Paul Brutlag
Acting Chair
Minnesota Board of Water and Soil Resources

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: FY 2011 SWCD Grant Allocations – Cost Share

Meeting Date:

Agenda Category: ☐ Committee Recommendation ☒ New Business ☐ Old Business
Item Type: ☒ Decision ☐ Discussion ☐ Information
Section/Region:
Contact: Dave Weirens
Prepared by: Dave Weirens
Reviewed by: Grants Program and Policy Commitee Committee(s)
Presented by: Dave Weirens

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested
☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget
☒ Other: Allocation of existing Cost Share Roll-Over Funds

ACTION REQUESTED

Adopt the draft resolution to amend resolution #10-57 adopted in June 2010 to reflect the use of Cost Share Roll-Over funds for the FY2011 State Cost Share Base Grants.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

The Board adopted resolution #10-57 that authorized staff to allocate grant funds to eligible soil and water conservation districts (SWCDs) for the following grant programs:

- FY2011 Native Buffer Cost Share Grant Program
- State Cost Share Base Grants
- General Services Grants
- Easement Services Grants.

During the processing of these grants, it was determined that there was an incorrect amount noted as "available" for the Native Buffer Cost Share Grant Funds as cancelled funds amounting to $100,000 were not subtracted from total available funds prior to requesting Board authorization. The draft resolution will amend resolution #10-57 to reflect the use of Cost Share Roll-Over funds to make the total grant amounts equal to the amount authorized for each SWCD in June.

Amendment to Board Resolution #10-57

FISCAL YEAR '11 SOIL AND WATER CONSERVATION DISTRICT GRANT ALLOCATIONS

WHEREAS, the Board adopted resolution #10-57 on June 23, 2010 that included allocations for the following grant programs:

- FY2011 Native Buffer Cost Share Grant Program
- State Cost Share Base Grants
- General Services Grants
- Easement Services Grants.

WHEREAS, $100,000 of the unallocated Fiscal Year '07 appropriation for Native Buffer Cost Share was unallotted for state budget management purposes that resulted in a $60,524 budget shortfall for the FY '11 State Cost Share Base Grants Program; and,

WHEREAS, $60,524 of Native Buffer Cost Share roll-over is available to offset this budget shortfall.

THEREFORE BE IT RESOLVED, The Board authorizes the allocation of $60,525 of Native Buffer Cost Share roll-over for the FY '11 State Cost Share Base Grants Program.

_____ Date: _____

Paul Brutlag, Acting Chair
Board of Water and Soil Resources

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: FY2010 Southern Minnesota Flood Relief

Meeting Date: October 27, 2010

Agenda Category: ☒ Committee Recommendation ☒ New Business ☐ Old Business
Item Type: ☒ Decision ☐ Discussion ☐ Information
Section/Region:
Contact: Dave Weirens
Prepared by: Dave Weirens
Reviewed by: Grants Program and Policy Committee(s)
Presented by: Dave Weirens

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☒ New Policy Requested

☒ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other:

ACTION REQUESTED
Adopt resolution that authorizes implementing funds appropriated in the Special Legislative Session

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
A disaster was declared by the Federal Government in 21 counties in southcentral and southeast Minnesota on October 14, 2010 due to flooding resulting from heavy rains (additional counties may be added). A special session was held on October 18 where $10.0 million was appropriated for RIM and $3.0 million for Cost Share. The attached resolution and policy have been reviewed by the Grants Program and Policy Committee.

FEMA-1941-DR, Minnesota
Disaster Declaration as of 10/13/2010

Location Map

Legend

Designated Counties

Public Assistance

All counties are eligible for Hazard Mitigation

FEMA

ITS Mapping & Analysis Center
Washington, DC
10/14/10 -- 8:33 AM EDT

Source: Disaster Federal Registry Notice 10/13/2010

MapID 26281e357561014100823hqprod

October 27, 2010

BWSR SOUTHERN MN COST SHARE FLOOD RELIEF POLICY

Pertaining to FEMA, DR-1941: Erosion, Sediment, and Water Quality Cost Share Projects

1. Projects are eligible for up to 100% state and federal cost share using existing State Cost Share or 2010 Flood Relief funds for repair or new construction on flood impacted sites.

2. All FY '09, '10, and '11 State Cost Share grant agreements with SWCDs are extended until December 31, 2012.

3. Any new or existing FY '09, '10, or '11 local State Cost Share or previous Flood Relief contracts, may be extended or amended until December 31, 2012 to allow conservation practice implementation when technical assistance is available, field conditions are suitable, and construction contractors are available.

4. For State Cost Share funds, up to 20% of project costs may be used for technical and administrative costs. The actual percentage will be approved by BWSR staff based on the amount and availability of non-state funds for the same purpose and the complexity of the authorized project.

5. Federal funding must receive first priority for practice or project costs.

6. At the SWCD Board of Supervisor's discretion, landowners may be reimbursed for practice costs incurred after September 23, 2010.
   The District should make a technical assessment with the available information, make a decision on what damage was a result of the September 2010 storm event, whether applicable standards and specifications were used, and whether the evidence for bills submitted is accurate and reasonable.

   For repair needs that have not been started, the District should conduct a site assessment, document repair needs and estimated costs. Upon completion of the repair, a site visit shall be conducted to document the satisfactory completion of the repair.

7. The State Cost Share Program approved practice list may be modified as needed and appropriate to respond to flood relief needs, with BWSR staff approval.

   The NRCS Field Office Technical Guide (FOTG) or other generally accepted standards and specifications are to be used for practice implementation when possible. EWP, ECP and EQIP program policies and standards must be followed when state funds are used to match these federal funds. Atypical practices and other flood damaged practices not originally installed with cost-share funds may be repaired to pre-flood conditions (or better, with associated landowner share) at the discretion of the District Board.

8. As flood relief costs are expected to exceed available funds, the SWCD Board of Supervisors will determine project-funding priorities.

9. Funding Pursuit Sequence.

A. LGUs must pursue FEMA, SBA, and insurance funds. State funds provided to assist with FEMA Public Assistance Program-eligible projects are intended to serve only as an advance of funds to enable the entity involved to begin the recovery project.

B. State funds should be used when possible for federal funding match requirements including, but not limited to the following programs:

    1. Emergency Watershed Program (NRCS)
    2. Emergency Conservation Program (FSA)
    3. Environmental Quality Incentives Program (NRCS)
    4. Wetland Reserve Program (NRCS)
    5. Conservation Reserve Program (FSA)

C. State Cost Share and other state or local funds.

Board Resolution #_____

2010 SOUTHERN MINNESOTA FLOOD RELIEF

WHEREAS, a Presidential Major Disaster was declared (FEMA, DR-1941) on October 13, 2010, for Blue Earth, Cottonwood, Dodge, Faribault, Freeborn, Goodhue, Jackson, Lincoln, Lyon, Martin, Mower, Murray, Olmsted, Pipestone, Rice, Rock, Steele, Wabasha, Waseca, Watonwan, and Winona Counties, due to damage resulting from severe storms that began on September 22 , 2010; and,

WHEREAS, the Minnesota Legislature in their October 18, 2010 Special Session in H.F. 1, appropriated cost share and easement funding, and invoked M.S. 12A.05 which authorizes waivers of State Cost Share and Re-Invest in Minnesota (RIM) Rules for both existing and future contracts; and

WHEREAS, the Minnesota Department of Agriculture may make funding available for low interest loans through the Agricultural Best Management Practices Loan program to link or coordinate with BWSR cost-share contracts for feedlot, subsurface sewage treatment system rehabilitation or repairs, private well sealing, or other eligible projects or practices.

NOW THEREFORE BE IT RESOLVED, the Board authorizes Southern Minnesota flood relief in the counties included in DR-1941, and counties that are added to the disaster declaration at a later time, with the following provisions:

I. General

A. These funds shall be used to match or leverage federal funds where feasible, or used when federal funds are not available.

B. State disaster assistance funds provided are intended to serve only as an advance of funds to enable the recipient to begin flood recovery efforts. Soil and Water Conservation Districts (SWCDs), Local Government Units LGUs), and landowners are expected to apply for all available non-State assistance and reimburse the state funds when Federal or other funds become available.

C. Staff are authorized to develop additional program guidelines regarding eligibility, payment rates, project specifications, agreement processing and record keeping based on input from local governments and others to achieve consistency and accountability.

D. The Executive Director may establish or adjust project costs for administration, technical assistance and engineering that may be used for implementation by local government units based on the project type and other sources of funding.

E. Upon request, BWSR staff may extend existing grant agreements with LGUs to December 31, 2013, to allow conservation practice implementation when technical assistance and construction contractors are available, and field conditions are suitable.

II. Specific

A. Relating to the $3.0 M to BWSR for Erosion, Sediment, and Water Quality Control Cost-Share and Waiver of State Cost Share Program Rules.

1. SWCDs or LGUs may cost share with landowners up to 100% of the cost of: (1) the rehabilitation or repair of conservation practices, (2) installing conservation practices to repair flood damaged areas, or (3) new conservation practices that will mitigate future flood damage.
2. SWCDs or LGUs may extend the completion dates of conservation practices for existing cost-share or easement contracts to December 31, 2012 and waive the two-year construction completion date for FY2010 and FY 2011 contracts as provided for in the Cost Share Program Rule to three years to allow conservation practice implementation when technical assistance and construction contractors are available and field conditions are suitable.

3. SWCDs or LGUs may modify the type of conservation practices on the State Cost-Share Program approved practice list to address critical erosion and sedimentation problems resulting from the flooding, subject to BWSR staff approval.
4. State and federal contributions on conservation practices shall not exceed 100% of project costs.
5. SWCDs or LGUs are authorized to reimburse landowners for costs incurred to rehabilitate and repair existing projects and conservation practices that were damaged due to this flood event on or after September 22, 2010 and prior to this resolution being adopted.
6. Up to 20% of project costs may be used for technical and administrative costs.
7. $50,000 will be initially allocated to the following SWCDs: Blue Earth, Cottonwood, Dodge, Faribault, Goodhue, Martin, Olmsted, Steele, Wabasha, Waseca, Watonwan, and Winona .
8. $25,000 will be initially allocated to the following SWCDs: Freeborn, Jackson, Lincoln, Lyon, Mower, Murray, Pipestone, Rice, and Rock .
9. The remaining funds will be allocated by the Executive Director based on needs and priorities from field assessments and information and generated through the Minnesota Recovers Task Force.
10. Is consistent with the BWSR Southern Minnesota Cost Share Flood Relief Policy that is attached to and incorporated as part of this resolution.

AND furthermore**,** the Board authorizes staff to enter into grant agreements, contracts, or easements, for projects and related work to accomplish the above general and specific provisions.

_____ Date: _____

Paul Brutlag, Acting Chair
Board of Water and Soil Resources

DRAFT

Attachment: **BWSR SOUTHERN MN COST SHARE FLOOD RELIEF POLICY**

H:SMFBR

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **SSTS Imminent Health Threat Abatement & Feedlot Water Quality Continuous Sign-up Grant Programs**

Meeting Date: October 27, 2010

Agenda Category: ☐ Committee Recommendation ☒ New Business ☐ Old Business

Item Type: ☐ Decision ☐ Discussion ☒ Information

Section/Region:

Contact: Dave Weirens

Prepared by: Dave Weirens

Reviewed by: Committee(s)

Presented by: Dave Weirens

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☒ Clean Water Fund Budget

☐ Other:

ACTION REQUESTED

None. Information.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

On June 23, 2010 the Board adopted resolution #10-62 which authorized staff to conduct two separate sign-ups by eligible grantees for grants in the categories of: SSTS Imminent Health Threat Abatement and Feedlot Water Quality. This authorization granted authority for staff to award these grants and then to inform the Board at a subsequent meeting of the awarding of these grants.

A total of 67 application were received for the SSTS Imminent Health Threat Abatement Grants requesting $2,059,529 to correct 245 imminent health threat SSTSs. Total available funds were $974,223. 54 applications were funded in total, one was partially funded, and two were determined to be ineligible. Another 10 applications were not funded due to inadequate funds. Only a single round of sign-ups were held due to the response in the first round.

A total of 20 applications were received for Feedlot Water Quality Grants requesting $3,621,212 to correct 48 feedlots with pollution problems that are either riparian or in a TMDL area. Total available funds were $3,191,650. 18 applications were funded.

The attached spreadsheets contain detail on the applications and funding awards made for these two programs.

FY2011 SSTS Imminent Health Threat Abatement Continuous Sign-up Grants, October 2010

Total Funds Available: $974,223

Total Funds Requested: $2,269,609

Application ID	Applicant	LGU Type	Number of Projects	Subtotal SSTS Installation Costs	Percent Admin.	Subtotal Grant Admin.	Total BWSR Grant Request	Status	Comments
SS11-01	Pipestone SWCD	SWCD	9	$45,000.00	5	$2,368.42	$47,368.42	Approved	
SS11-02	Martin County Planning & Zoning	County	33	$221,000.00	1	$2,210.00	$223,210.00	Approved	Originally requested $433,290, which has been reduced to reflect what the applicant could use within the grant agreement period.
SS11-03	City of Biscay	City	18	$540,000.00	1	$5,455.00	$545,455.00	Ineligible	This project is not eligible. The cost estimate is unclear as is the number of systems that are imminent health threats. systems.
SS11-04	Chippewa County Land & Resource Management	County	1	$7,795.00	0	$0.00	$7,795.00	Approved	
SS11-05	Stearns County Environmental Services	County	1	$2,475.00	0	$0.00	$2,475.00	Approved	
SS11-06	Stearns County Environmental Services	County	1	$7,600.00	0	$0.00	$7,600.00	Ineligible	Loan funds are already available for this project.
SS11-07	Stearns County Environmental Services	County	1	$8,079.00	0	$0.00	$8,079.00	Approved	
SS11-08	Stearns County Environmental Services	County	1	$8,250.00	0	$0.00	$8,250.00	Approved	
SS11-09	Stearns County Environmental Services	County	1	$10,175.00	0	$0.00	$10,175.00	Approved	
SS11-10	Stearns County Environmental Services	County	1	$8,179.00	0	$0.00	$8,179.00	Approved	
SS11-11	Stearns County Environmental Services	County	1	$7,331.00	0	$0.00	$7,331.00	Approved	
SS11-12	Stearns County Environmental Services	County	1	$8,850.00	0	$0.00	$8,850.00	Approved	
SS11-13	Stearns County Environmental Services	County	1	$11,600.00	0	$0.00	$11,600.00	Approved	
SS11-14	Stearns County Environmental Services	County	1	$12,900.00	0	$0.00	$12,900.00	Approved	
SS11-15	Stearns County Environmental Services	County	1	$9,200.00	0	$0.00	$9,200.00	Approved	
SS11-16	Stearns County Environmental Services	County	1	$8,550.00	0	$0.00	$8,550.00	Approved	
SS11-17	Stearns County Environmental Services	County	1	$7,406.00	0	$0.00	$7,406.00	Approved	
SS11-18	Scott County	County	2	$25,590.00	5	$1,346.84	$26,936.84	Approved	
SS11-19	Stearns County Environmental Services	County	1	$12,910.00	0	$0.00	$12,910.00	Approved	

SS11-20	Stearns County Environmental Services	County	1	$8,535.00	0	$0.00	$8,535.00	Approved	
SS11-21	Big Stone County Environmental Services	County	3	$30,000.00	3	$927.84	$30,927.84	Approved	
SS11-22	Stearns County Environmental Services	County	1	$8,692.00	0	$0.00	$8,692.00	Approved	
SS11-23	Stearns County Environmental Services	County	1	$11,341.00	0	$0.00	$11,341.00	Approved	
SS11-24	Stearns County Environmental Services	County	1	$6,937.00	0	$0.00	$6,937.00	Approved	
SS11-25	Stearns County Environmental Services	County	1	$6,799.00	0	$0.00	$6,799.00	Approved	
SS11-26	Stearns County Environmental Services	County	1	$8,050.00	0	$0.00	$8,050.00	Approved	
SS11-27	Stearns County Environmental Services	County	1	$8,200.00	0	$0.00	$8,200.00	Approved	
SS11-28	Stearns County Environmental Services	County	1	$8,200.00	0	$0.00	$8,200.00	Approved	
SS11-29	Stearns County Environmental Services	County	1	$11,275.00	0	$0.00	$11,275.00	Approved	
SS11-30	Stearns County Environmental Services	County	1	$16,892.00	0	$0.00	$16,892.00	Approved	
SS11-31	Lincoln Co. Environmental Office	County	5	$20,000.00	5	$1,052.63	$21,052.63	Approved	
SS11-32	Stearns County Environmental Services	County	1	$14,052.00	0	$0.00	$14,052.00	Approved	
SS11-33	Rice County	County	5	$18,000.00	5	$947.37	$18,947.37	Approved	
SS11-34	Stearns County Environmental Services	County	1	$7,406.00	0	$0.00	$7,406.00	Approved	
SS11-35	Stearns County Environmental Services	County	1	$8,200.00	0	$0.00	$8,200.00	Approved	
SS11-36	Stearns County Environmental Services	County	1	$10,000.00	0	$0.00	$10,000.00	Approved	
SS11-37	Stearns County Environmental Services	County	1	$8,280.00	0	$0.00	$8,280.00	Approved	
SS11-38	Stearns County Environmental Services	County	1	$11,000.00	0	$0.00	$11,000.00	Approved	
SS11-39	Stearns County Environmental Services	County	1	$2,525.00	0	$0.00	$2,525.00	Approved	
SS11-40	Dodge County Environmental Services	County	7	$43,237.00	5	$2,275.63	$45,512.63	Approved	
SS11-41	Stearns County Environmental Services	County	1	$6,450.00	0	$0.00	$6,450.00	Approved	

SS11-42	Stearns County Environmental Services	County	1	$12,050.00	0	$0.00	$12,050.00	**Approved**	
SS11-43	Pennington County	County	2	$15,000.00	5	$789.47	$15,789.47	**Approved**	

SS11-44	Stearns County Environmental Services	County	1	$4,400.00	0	$0.00	$4,400.00	Approved	
SS11-45	Stearns County Environmental Services	County	1	$9,568.00	0	$0.00	$9,568.00	Approved	
SS11-46	Stearns County Environmental Services	County	1	$8,353.00	0	$0.00	$8,353.00	Approved	
SS11-47	Mille Lacs County - Land Services Department	County	5	$47,000.00	2	$959.18	$47,959.18	Approved	
SS11-48	Stearns County Environmental Services	County	1	$10,175.00	0	$0.00	$10,175.00	Approved	
SS11-49	Stearns County Environmental Services	County	1	$7,000.00	0	$0.00	$7,000.00	Approved	
SS11-50	Stearns County Environmental Services	County	1	$8,200.00	0	$0.00	$8,200.00	Approved	
SS11-51	Meeker County	County	10	$54,344.00	2	$1,109.06	$55,453.06	Approved	
SS11-52	Stearns County Environmental Services	County	1	$12,278.00	0	$0.00	$12,278.00	Approved	
SS11-53	Beltrami County Environmental Services	County and SWCD	1	$6,400.00	0	$0.00	$6,400.00	Approved	
SS11-54	Stearns County Environmental Services	County	1	$10,000.00	0	$0.00	$10,000.00	Approved	
SS11-55	Stearns County Environmental Services	County	1	$7,112.00	0	$0.00	$7,112.00	Approved	
SS11-56	McLeod County Environmental Services	County	8	$46,000.00	0	$0.00	$46,000.00	Approved	
SS11-57	Stearns County Environmental Services	County	1	$10,000.00	0	$0.00	$10,000.00	Approved	
SS11-58	Stearns County Environmental Services	County	1	$10,000.00	0	$0.00	$10,000.00	On Hold	Funding depleted
SS11-59	Stearns County Environmental Services	County	1	$12,360.00	0	$0.00	$12,360.00	On Hold	Funding depleted
SS11-60	Stearns County Environmental Services	County	1	$9,500.00	0	$0.00	$9,500.00	On Hold	Funding depleted
SS11-61	Chisago County Environmental Services/Zoning	LGU	9	$45,000.00	5	$2,368.00	$47,368.00	On Hold	Funding depleted
SS11-62	Lake County	County	6	$84,000.00	0	$0.00	$84,000.00	On Hold	Funding depleted
SS11-63	Lake of the Woods County Land & Water Planning Office	County	15	$107,500.00	5	$5,657.89	$113,157.89	On Hold	Funding depleted
SS11-64	Stearns County Environmental Services	County	1	$10,550.00	0	$0.00	$10,550.00	On Hold	Funding depleted
SS11-65	Scott County	County	1	$12,500.00	5	$657.89	$13,157.89	On Hold	Funding depleted
SS11-66	City of Jackson	City	43	$191,250.00	2	$3,903.00	$195,153.00	On Hold	May not be eligible
SS11-67	Tofte-Schroeder Sanitary Sewer District	County	15	$40,000.00	0	$0.00	$40,000.00	On Hold	Funding depleted
							$2,059,529.22		
							Total for Funds Depleted		$535,246.78

FY 2011 Feedlot Water Quality Continuous Sign-up Grants, October 2010

Total Project Costs = $6,528,660.51
Total BWSR Grant Request = $3,621,211.65

Application ID	Applicant	LGU Type	Number of Projects	Total Request (Not Including Admin)	MDA AgBMP Loan Request	Local Match	Leveraged Grant Funds	Total Project Costs	Total Match	Percent Admin	Subtotal Grant Admin	Total BWSR Grant Request
FL11-01	Wadena SWCD	SWCD	1	$27,145.00	$0.00	$9,120.00	$0.00	$36,265.00	$9,120.00	5	$1,428.68	$28,573.68
FL11-02	Anoka Conservation District	SWCD	2	$37,949.00	$19,275.00	$0.00	$29,478.00	$86,702.00	$19,275.00	5	$1,997.00	$39,946.00
FL11-03	Pipestone SWCD	SWCD	1	$201,005.00	$0.00	$59,119.00	$0.00	$260,124.00	$59,119.00	5	$10,579.21	$211,584.21
FL11-04	Goodhue County	SWCD	1	$136,382.00	$0.00	$42,127.00	$0.00	$178,510.00	$42,127.5*	5	$7,178.03	$143,560.53
FL11-05	Winona SWCD	SWCD	14	$681,650.00	$314,209.00	$13,149.00	$144,619.00	$1,153,627.00	$327,358*	5	$35,876.00	$717,527.00
FL11-06	Lyon SWCD	SWCD	1	$162,000.00	$100,000.00	$43,000.00	$0.00	$305,000.00	$143,000.00	5	$8,526.32	$170,526.32
FL11-07	Wright SWCD	SWCD	2	$44,000.00	$0.00	$11,550.00	$71,933.00	$127,483.00	$11,550.00	5	$2,315.79	$46,315.79
FL11-08	Brown County Planning and Zoning	County	1	$22,500.00	$0.00	$7,500.00	$0.00	$30,000.00	$7,500.00	0	$0.00	$22,500.00
FL11-09	Wabasha County Environmental Services	County	3	$192,500.00	$0.00	$148,000.00	$45,000.00	$385,500.00	$148,000*	2	$3,928.57	$196,428.57
FL11-10	Root River SWCD	SWCD	2	$92,971.00	$0.00	$27,744.00	$0.00	$120,715.00	$27,744*	5	$4,893.23	$97,864.53
FL11-11	Fillmore SWCD	SWCD	7	$590,750.00	$356,000.00	$172,859.00	$497,149.00	$1,616,758.00	$528,859*	5	$29,537.50	$620,287.50
FL11-12	Wabasha County Environmental Services	County	1	$38,900.00	$0.00	$17,000.00	$15,000.00	$70,900.00	$17,000*	2	$793.88	$39,693.88
FL11-13	Pipestone SWCD	SWCD	1	$10,149.00	$0.00	$23,073.00	$76,120.00	$109,342.00	$23,073.00	0	$0.00	$10,149.00
FL11-14	Brown County	County	2	$56,525.00	$43,025.00	$40,525.00	$62,550.00	$202,625.00	$83,550.00	0	$0.00	$56,525.00
FL11-15	Nobles SWCD	SWCD	1	$165,262.00	$48,607.00	$48,607.00	$0.00	$262,476.00	$97,214.00	5	$8,698.04	$173,960.74
FL11-16	Winona SWCD	SWCD	2	$335,335.26	$102,157.25	$0.00	$0.00	$437,492.51	$102,157*	5	$17,649.00	$352,984.00
FL11-17	Fillmore SWCD	SWCD	1	$501,000.00	$100,000.00	$314,000.00	$0.00	$915,000.00	$414,000.00	0	$0.00	$501,000.00
FL11-18	Pope SWCD	SWCD	1	$59,880.00	$0.00	$15,758.00	$0.00	$75,638.00	$15,758.00	5	$3,151.58	$63,031.58
FL11-19	Olmsted SWCD	SWCD	4	$122,315.00	$0.00	$32,188.00	$0.00	$154,503.00	$32,188*	5	$6,437.67	$128,753.32
FL11-20	SE MN Technical JPB	JPB	0	$183,000.00	$0.00				* Match will be drawn from these projects.	0	$0.00	$183,000.00

Funded Apps: 18 # of feedlots: 46 Total BWSR Funding: $3,097,787 Remaining Funds: $93,863

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **MnDOT/BWSR Cooperative Wetland Replacement Program**

Meeting Date: October 27, 2010

Agenda Category: ☐ Committee Recommendation ☒ New Business ☐ Old Business

Item Type: ☐ Decision ☐ Discussion ☒ Information

Section/Region: Land and Water Section

Contact: Dave Weirens

Prepared by: Dave Weirens

Reviewed by: _____ Committee(s)

Presented by: Dave Weirens

☒ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☐ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED
None.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
BWSR and the Minnesota Department of Transportation entered into an agreement in August 2005 to cooperatively manage wetland replacement responsibilities for wetland impacts as a result of local and state public road projects. Our two agencies are entering into an agreement to continue this successful partnership for another 5 years. This presentation will provide information on the accomplishments of this cooperative effort and where we plan on going in the next 5 years.

FOR YOUR INFORMATION

October 27, 2010

- Revised BWSR Member Listing
- Revised BWSR Committees
- 2010 Flood Relief BWSR/LGU Implementation Meetings
- BWSR Operating Procedures for Public Hearings
- BWSR "Snapshots"
- Press Release "State flood recovery dollars available for wetland restoration and water quality projects"
- Upcoming Conventions
  - MAWD – December 2-4, Alexandria
  - MASWCD – December 5-7, 2010, St. Paul
  - AMC – December 6-8, 2010, St. Cloud

MINNESOTA BOARD OF WATER AND SOIL RESOURCES
520 LAFAYETTE ROAD NORTH
ST. PAUL, MINNESOTA 55155
Phone: 651-296-3767 Fax: 651-297-5615

Appointed Members	*Appointment Designation*	*Term Expires*	*Telephone/Fax/Cell*	
VACANT	**Citizen**	01-03-11		
Paul Brutlag, Acting Chair 27113 County Road 11, Wendell, MN 56590	**Citizen** brutlagp@runestone.net	01-02-12	218-458-2113 320-589-4151	*Home* *Office*
John Meyer 18689 Highway 248, Rollingstone, MN 55969	**Citizen** quarry@ridge-runner.com	01-07-13	507-689-2612 507-689-2457	*Home* *Office*
Quentin Fairbanks 16374N Blackduck Road NE, Hines, MN 56647	**Co. Commissioner** quentin@paulbunyan.net	01-03-11	218-835-4184 218-679-3378 218-553-0433	*Home* *Fax* *Cell*
Tom Loveall 39290 200th St., Winnebago, MN 56098	**Co. Commissioner** Tomcat56098@yahoo.com	01-07-13	507-854-3572 507-854-3300	*Home* *Office*
Brian Napstad 51227 Long Point Place, McGregor, MN 55760	**Co. Commissioner** bnapstad@yahoo.com	01-06-14	218-426-3008 218-426-4662	*Home* *Office*
Robert Burandt 1340 Waconia Pkwy. S., Waconia, MN 55387	**SWCD** rlburandt@gmail.com	01-07-13	952-442-4216	*Home*
Paul Langseth 35505 280th St., Worthington, MN 56187	**SWCD** paul.langseth@gmail.com	01-06-14	507-360-5844 507-376-5686	*Office* *Home*
Louise Smallidge 10992 Point Douglas, Hastings, MN 55033	**SWCD** Choregirl2@juno.com	01-02-12	651-459-5600 651-983-4497	*Home* *Cell*
Gordon Behm 13851 Diamond Shores Road, Atwater, MN 56209	**Watershed** gbehm@frontiernet.net	01-03-11	320-974-8242 320-979-0737	*Home* *Cell*
Gene Tiedemann 13099 310th Ave., SW, Euclid, MN 56722	**Watershed** gtiedemann@rrv.net	01-06-14	218-289-3511 218-281-6723	*Office* *Home*
LuAnn Tolliver 14801 Wychewood Road, Minnetonka, MN 55345	**Watershed** mltolly@aol.com	01-02-12	952-938-6749 952-221-9796	*Home* *Office*
Sandra Hooker 14418 618th Avenue, Mapleton, MN 56065	**Townships** sandy.hooker@mntownships.org	01-02-12	507-869-3114	*Home*
Christy Jo Fogarty 18946 Excalibur Trail, Farmington, MN 55024	**Metro City** cfogarty@charter.net	01-07-13	651-460-8057 612-867-8875	*Home* *Work*
Keith Mykleseth 532 Summit Avenue, Crookston, MN 56716	**Non-Metro City** kmykleseth@tnc.org	01-03-11	218-281-1801 218-637-2146	*Home* *Work*

State Agency Members:

Rob Sip Freeman Office Bldg., 625 Robert St. N., St. Paul, MN 55155 Rob.sip@state.mn.us	**Department of Agriculture**	651-201-6487 651-201-6120	*Office* *Fax*
John Linc Stine P.O. Box 64975, St. Paul, MN 55164-0975 john.stine@state.mn.us	**Department of Health**	651-201-5063 651-201-4986	*Office* *Fax*
Larry Kramka 500 Lafayette Road, St. Paul, MN 55155 Larry.Kramka@state.mn.us	**Department of Natural Resources**	651-259-5033 651-296-4799	*Office* *Fax*
Faye Sleeper Room 173 McNeal Hall, 1985 Buford Avenue, St. Paul, MN 55108 fsleeper@umn.edu	**U of M/Water Resources Center**	612-624-3738 612-625-1263	*Office* *Fax*
Rebecca Flood 520 Lafayette Road, St. Paul, MN 55155 Rebecca.Flood@state.mn.us	**Pollution Control Agency**	651-757-2022 651-296-7923	*Office* *Fax*

9/28/10

BOARD OF WATER AND SOIL RESOURCES
COMMITTEES
September 2010

ADMINISTRATIVE ADVISORY COMMITTEE

Membership:	Paul Brutlag, Acting Chair	citizen
	Louise Smallidge	soil & water conservation district
	Brian Napstad	county commissioner
	LuAnn Tolliver	watershed district/WMO
	John Jaschke	staff
	Mary Jo Anderson	staff

Responsibility:

The administrative advisory committee consists of the Board's chair and vice-chair and the chairs of the Board's standing committees. The administrative advisory committee will make evaluations and recommendations to the Board on various Board issues including ethics; expenses/per diem; bylaws; and legislation and budgets. The Administrative Advisory Committee will act as the personnel committee for personnel actions relating to the Board's executive director. The chairman may include additional members ad hoc to address special or unique topics or issues.

Meetings: *The committee will meet at the call of the chair.*

DISPUTE RESOLUTION COMMITTEE (DRC)

Membership:	Paul Brutlag, Acting Chair	citizen
	LuAnn Tolliver	watershed district/WMO
	Quentin Fairbanks	county commissioner
	Louise Smallidge	soil & water conservation district
	Travis Germundson	staff lead

Responsibility:

The DRC is responsible for appeals relating to the Wetland Conservation Act rule decisions of local governments, watershed district rule and permit decision appeals, and, under MS103A.301, determinations of water law and policy. The authority of the DRC is established in statute and assigned to the DRC by the Board. Under current guidelines the DRC receives the appeals; hears the issues; and makes recommendations to the Board.

Meetings:

The Committee will meet as needed to process appeals that have been filed with the Board.

GRANTS PROGRAM AND POLICY COMMITTEE

Membership:	Louise Smallidge, chair	soil & water conservation district
	Bob Burandt	soil & water conservation district
	Paul Langseth	soil & water conservation district
	John Meyer	citizen
	Gene Tiedemann	watershed district/WMO
	Christy Jo Fogarty	metro cities
	Keith Mykleseth	non-metro cities
	Rebecca Flood	Pollution Control Agency
	Faye Sleeper	University of Minnesota Extension
	Wayne Zellmer	staff lead
	Julie Blackburn	SMT staff

Responsibility:

The committee is responsible for reviewing cost-share, non-point engineering, clean water legacy, natural resources block grants, local water management challenge grants and services grants allocations, policies, and rules and making recommendations to the Board.

Meetings:

The committee will meet at least two times a year; once prior to the June allocation of cost-share (feedlots, general and special projects); non-point engineering; and services grants.

PUBLIC RELATIONS, OUTREACH AND STRATEGIC PLANNING COMMITTEE

Membership:	Brian Napstad, chair	county commissioner
	John Meyer	citizen
	Louise Smallidge	soil & water conservation district
	LuAnn Tolliver	watershed district/WMO
	Sandy Hooker	townships
	Christy Jo Fogarty	metro cities
	Keith Mykleseth	non-metro cities
	John Linc Stine	Department of Health
	Faye Sleeper	University of Minnesota Extension
	Jon Fure	staff lead
	Steve Woods	SMT staff

Responsibility:

The Public Relations, Outreach and Strategic Planning Committee is responsible for the development of strategic and outreach strategies and plans for the Board including identification of key outcomes, partnerships and opportunities.

Meetings: *Committee will meet twice a year or at the call of the chair.*

RIM RESERVE MANAGEMENT PLANNING COMMITTEE (RRMPC)

Membership:	Paul Brutlag, chair	citizen
	Vacant	citizen
	Gordon Behm	watershed district/WMO
	Tom Loveall	county commissioner
	Gene Tiedemann	watershed district/WMO
	Bob Burandt	soil & water conservation district
	Paul Langseth	soil & water conservation district
	John Linc Stine	Department of Health
	Rob Sip	Department of Agriculture
	Larry Kramka/Wayne Edgerton	Department of Natural Resources/Alternate
	Kevin Lines	SMT staff

Responsibility:

The RRMPC is responsible for overseeing all aspects of the Reinvest in Minnesota (RIM) Reserve conservation easement program; for reviewing RIM Reserve Program statutes (103F.515), rules, policies, guidelines, payment rates and projects; for developing the strategic plans, operational partnerships, opportunities to enhance the agency's conservation easements and related programs; and for making the resulting recommendations to the Board.

Meetings:

The committee will meet, as called by the BWSR chair or the RRMPC chair upon consulting with the Conservation Easement Section Manager, to assure that conservation easement programs are meeting desired outcomes identified by the BWSR.

WETLANDS COMMITTEE

Membership:	LuAnn Tolliver, chair	watershed district/WMO
	Paul Brutlag	citizen
	Gordon Behm	watershed district/WMO
	Tom Loveall	county commissioner
	Brian Napstad	county commissioner
	Quentin Fairbanks	county commissioner
	Sandy Hooker	townships
	Larry Kramka	Department of Natural Resources
	Rob Sip	Department of Agriculture
	Rebecca Flood	Pollution Control Agency
	Les Lemm	WCA Coordinator, staff lead
	Dave Weirens	SMT staff

Responsibility:

The Wetlands Committee is responsible for reviewing Wetland Conservation Act (WCA) and wetland banking rules, policies, guidelines and projects and making recommendations to the Board.

Meetings: *The committee will meet twice during the year or at the call of the chair.*

WATER PLANNING and COMPREHENSIVE WETLAND PLAN REVIEW COMMITTEES: NORTHERN/SOUTHERN/METRO

Membership: *The committee consists of Board Members from the BWSR administration regions – metro, north, and south.*

Chairs: *north – Quentin Fairbanks*
south – Paul Langseth
metro – Bob Burandt

North (4)
Quentin Fairbanks - CC
Paul Brutlag – CIT
Gordon Behm - WD
Brian Napstad – CC
Keith Mykleseth – NMC
Gene Tiedemann – WD
Wayne Edgerton – DNR
Ron Shelito, SMT staff

South (4)
Paul Langseth - SWCD
Tom Loveall – CC
vacant – CIT
John Meyer - CIT
Sandy Hooker – TWP
Rob Sip – MDA
Dan Wilson - MDH
Jeff Nielsen, SMT staff

Metro (3)
Bob Burandt – SWCD
Louise Smallidge – SWCD
LuAnn Tolliver – WD
Faye Sleeper – UM/Extension
Christy Jo Fogarty - MC
Rebecca Flood – PCA
Jim Haertel, SMT staff

Responsibility:

The committee has the responsibility to review county water plans, water management organization plans, watershed district overall plans, comprehensive wetland plans, and amendments to same and to advise the Board on the adequacy of the plans.

Meetings:

*The committee will meet as necessary to review the local plans and amendments. A **majority** of the committee members must be present. The BWSR northern, southern, and metro regional supervisors will coordinate meeting schedules with members.*

CC = county commissioner
CIT = citizen
SWCD = soil and water conservation district
WD = watershed district
WMO = watershed management organization
MC = metro cities
NMC = non-metro cities
TWP = townships

STATUTORY COMMITTEES

Committee: Committee on Wells and Borings

Membership: Eric Mohring, staff lead; Board members assigned by Chairman as needed

Responsibility:

Interest and availability with regard to Advisory Council on Wells and Borings and Pesticide Advisory Committee. Policy issues will be brought before the Board for discussion as a new business agenda item.

Meetings: *The committee will meet when necessary.*

GENERAL COMMITTEE MEETING SCHEDULE

The Board has adopted a resolution that ***committees shall schedule meetings in conjunction with monthly Board meetings as much as possible.*** *A majority of each committee's membership should be available for a scheduled meeting. The committee chair and staff are expected to develop an agenda and staff are responsible for keeping minutes of the committee proceedings. The committee meetings are considered to be* ***public meetings*** *under the open meeting law and therefore must be noticed in the same manner as regular board meetings. All committee agendas should be e-mailed to Mary Jo Anderson for appropriate notice posting.*

Advisory members have offered to serve and may serve on BWSR committees as non-voting members and provide assistance as needed.

Advisory members:

Local Government Partners

- *Association of Minnesota Counties (AMC) – Annalee Garletz, Policy Analyst*
- *Minnesota Association of Conservation District Employees (MACDE) – Felicia Brockoff, President*
- *Minnesota Association of Soil & Water Conservation Districts (MASWCD) – LeAnn Buck, Executive Director*
- *Minnesota Association of Townships (MAT) – Sandy Hooker, Director*
- *Minnesota Association of Watershed Districts (MAWD) – Ray Bohn, Executive Director*
- *Minnesota County Planning and Zoning Administrators (MCPZA) – Jane Starz, President*
- *League of Minnesota Cities (LMC) - Jim Miller, Executive Director*

Federal Partners

- *U.S. Army Corps of Engineers (USACoE) – Tamara Cameron, Chief of Regulatory Branch*
- *U.S. Fish and Wildlife Service (USF&WS) – Tom Melius, Regional Director*
- *USDA Farm Services Agency (FSA) – Glenn Schafer, Acting Executive Director*
- *USDA Natural Resources Conservation Service (NRCS) – Tim Koehler, Assistant State Conservationist*

State Agencies

- *Met Council – Bill Moore, General Manager/Environmental Services Division*
- *Minnesota Department of Transportation (MNDOT) – Frank Pafko, Director/Environmental Services*

Interest Partners

- *Allete Minnesota Power – Blake Francis, Supervisor/Water Quality & Waste Management Division*
- *Audubon Minnesota – Mark Peterson, Executive Director*
- *Builders Association of the Twin Cities – James Vagle, Senior Public Affairs Representative*
- *Fish and Wildlife Legislative Alliance – Lance Ness*
- *Iron Mining Association of Minnesota – Craig Pagel, President*
- *Izaak Walton League – Gary Schwartz, National Director*
- *Minnesota Agricultural Water Resources Coalition – Warren Formo, Director*
- *Minnesota Agri-Growth Council – Daryn McBeth, President*
- *Minnesota Association of Realtors – Heather VanValkenburg, Director/Governmental Affairs*
- *Minnesota Association of Wheat Growers – Dave Torgerson, Executive Director*
- *Minnesota Barley Research & Promotion Council – Marv Zutz, Executive Director*
- *Minnesota Cattlemen's Association – Ted Reichmann, President*
- *Minnesota Center for Environmental Advocacy – Scott Strand, Advocacy Director*
- *Minnesota Conservation Federation – Gary Botzek*
- *Minnesota Corn Growers Association – Tim Gerlach, Executive Director*
- *Minnesota Ducks Unlimited – Ryan Heiniger, Director of Conservation Programs*
- *Minnesota Environmental Partnership – Steve Morse, Executive Director*
- *Minnesota Farm Bureau Federation – Kevin Paap, President*
- *Minnesota Farmers Union – Doug Peterson, President*
- *Minnesota Land Trust – Jane Prohaska, Executive Director*
- *Minnesota Milk Producers Association – Bob Lefebvre, Executive Director*
- *Minnesota Native Wildflowers/Grass Producers Association – Bill Olson, President*
- *Minnesota Pork Producers Association – Dave Preisler, Executive Director*
- *Minnesota Sierra Club – John Hottinger, Chapter Chair*
- *Minnesota Soybean Growers Association – Jim Palmer, Executive Director*
- *Minnesota Timber Producers Association – Wayne Brandt, Executive Vice-President*
- *Minnesota Turkey Growers Association – Steve Olson, Executive Director*
- *Minnesota Viewers Association – Ron Ringquist, Secretary/Treasurer*
- *Minnesota Waterfowl Association – Brad Nylin, Executive Director*
- *Minnesota Waters – Marian Bender, Executive Director*
- *Minnesota Wetland Professionals Association – Scott Milburn, Vice President*
- *Pheasants Forever – Matt Holland, Field Supervisor*
- *Red River Valley Sugarbeet Growers Association, Nick Sinner, Executive Director*
- *The Nature Conservancy – Tom Landwehr, Assistant State Director*
- *Urban Wetland Management Coalition – Cliff Aichinger*
- *Wetlands for Minnesota (Bankers) – Mike Whitt, Interim President*

2010 FLOOD RELIEF BWSR/LGU IMPLEMENTATION MEETINGS

Wednesday, Nov. 3, 2010
9:00 a.m. – Noon
Windom DNR Area Office
175 County Road 26
Windom, MN 561010

Tuesday, Nov. 16, 2010
9:00 a.m. – Noon
BWSR Regional Office
2300 Silver Creek Road
Rochester, MN 55906

AGENDA:

Overview of 2010 MN Flood Relief Legislation and Funding
MN Flood Recovery Task Force and Process

1) **BWSR Resolution for Funding and Rule Waviers:**
   Funds to SWCDs vs. Community Applications
   Local Priorities/Coordination and SWCD Role
2) **State Cost-Share Program Discussion/Input Includes:**
   Emergency repairs/retro payments/documentation
   Administration and contract management needs
   Eligible conservation practices, FOTG standards and others
   Technical and Engineering Alternatives for Implementation
   (SWCD, BWSR, JPBs, NRCS, MCC, others)
   Technical oversight for flood damage repairs
   Collaborating with Federal Funding Sources – EWP, ECP, EQIP, etc.
   DNR Waters Permitting & WCA Policy
   MDA Feedlot/SSIS loan program funds
   Other items/ideas
3) **RIM Easement Program Discussion/Input Includes:**
   Targeting features
   Types of lands to be enrolled
   Easement payment rates and eligible cost-share practices
   Local sign-ups and prioritization
   Other items/ideas
4) **Local Flood Damage Assessment Needs – post harvest:**
   Local priority areas for flood damage assessment/repairs
   Implementation of flood retention/protection practices
   Local coordination MN Flood Recovery Community Applications

Summary/Next Steps:

NRCS, FSA, DNR, and MDA representatives are invited to participate in the discussions.

BWSR Operating Procedures for Public Hearings

October 12, 2010

1. After discussions with staff, appeals coordinator asks the Board Chair which Board members or committee the hearing panel will consist of.

2. Appeals coordinator establishes the date, time, location and attendance for the hearing based on coordination with the hearing panel members, staff, and pertinent parties including availability of facilities. The facility should be handicap accessible.

3. Appeals coordinator prepares draft Board Order if the Board is required to order the hearing. Appeals coordinator provides appropriate notice of the meeting including arranging mailing and newspaper publication of the hearing notice, with the last published notice occurring at least ten calendar days before the hearing.

4. Arrangements for hearing:

a) appeals coordinator arranges for an audio recording of the hearing,
b) appeals coordinator facilitates equipment and room set-up, including:
   - recording equipment
   - public address system, if needed
   - chairs and tables
   - name plates of hearing panel members
   - gavel
   - any audio visual equipment needed by parties
c) appeals coordinator creates list of exhibits and places record in order.

5. Typical hearing room setup:

a) appeals coordinator, and Assistant Attorney General if in attendance, sit to right or left of the hearing panel at the head tables,
b) a table is adjacent to the room entrance displaying sign-up sheets for speaking, mailing of the Board's decision and any other information,
c) chairs set up facing the hearing panel.

6. Typical hearing procedure:

a) The hearing must be conducted in accordance with the BWSR bylaws. Hearing panel Chair opens hearing:

   - bangs gavel
   - opening statement prepared by appeals coordinator read by Chair
   - introduction of hearing panel members, staff and parties
   - overview of decision process including when the hearing record closes and when a decision is anticipated

- explains hearing procedures to be followed
- tenders any requests
- makes any necessary changes to the procedures

b) Brief (10-15 minute) presentation may be given, usually by petitioners.

c) Appeals coordinator reads the list of exhibits that have been entered into the hearing record to date.

d) Oral testimony takes place:

- Chair permits a person to testify
- Speaker approaches a microphone, states name and either where they are from (city, township) or who they represent if it is some entity other than themself, then gives testimony
- OPTIONAL – after all present have been given the opportunity to speak, people that have already spoken may be given another opportunity to speak (Chair's discretion, however if it is done for one it should possibly be done for all)

e) Hearing panel members may ask questions of people testifying
- generally, questions are asked after testimony, but interruptions for clarifications are acceptable

Note: * If a time limit has been set for each person's testimony, appeals coordinator times each testimony and advises Chair and speaker when the time limit is approaching and has been reached.
* Hearing panel members may ask for any comments or recommendations from staff

f) Hearing closed, or recessed, by Chair.
g) Deliberations by hearing panel may take place only if the hearing record is closed at the close of the hearing. If the hearing record remains open, then the hearing panel meets at a future date to deliberate and make a recommendation for Board action.

7. Appeals coordinator makes certain Board Order is drafted, information is in Board packet, and Board staff attend Board meeting.

8. A hearing panel member moves the panel's recommendation at the next Board meeting. Board makes decision in consideration of hearing record.

9. Board Chair signs order.

10. Appeals coordinator prepares cover memo and facilitates mailing of the order to the parties making certain affidavit of mailing is completed if necessary. Appeals Coordinator hand delivers Board Order to Secretary of State for filing if required.

11. Appeals Coordinator compiles the entire file and record on the matter and places in BWSR files. Files and recordings are maintained in accordance with BWSR's record retention schedule.

Minnesota Board of Water & Soil Resources

BWSR Snapshots

October 2010

Cook County Poplar River Watershed Erosion and Sediment Reduction Projects

By Ryan Hughes, Board Conservationist

Building on the successful implementation of BWSR Clean Water Legacy Act funding to implement projects targeted to reduce approximately 370 tons/year of sediment entering Lake Superior from the Poplar River, the Cook County SWCD, working collaboratively with the Poplar River Management Board, successfully obtained a $687,034 Federal grant from the Great Lakes Commission Great Lakes Basin Program for Soil Erosion and Sediment Control. The funding was provided through the Great Lakes Restoration Initiative. The projects are expected to reduce an additional 350 tons/year of sediment from entering Lake Superior via the Poplar River.

Aerial photo of the mouth of the Poplar River depicting clay sediment discharging into Lake Superior.

The Poplar River Watershed is impaired for turbidity, primarily caused by excess sediment, and is on the Section 303(d) Clean Water Act list. A Total Maximum Daily Load (TMDL) study is currently underway and the projects identified in the approved proposal have been identified as priority projects by the various studies conducted under the TMDL process. The implementation of the projects associated with this grant have the potential to reduce enough sediment loading to make the Poplar River the first water body in Minnesota to be removed from the 303(d) list.

Near Lake Superior the Poplar River transitions quickly to a steep gradient channel confined by narrow valley walls. Slopes in these areas vary between 10 and 25% and contain clay and clay loam soils above shallow bedrock. Steep slopes, erodible soils in the watershed and extreme flashy stream flow conditions represent situations that cause high sediment loads carried downstream and immediately into Lake Superior.

Erosion adjacent to Poplar River within Ullr Mountain.

The following are examples of projects that will be implemented with the funding:

- Ullr Tightline – Construction of a 130,000 gallon collection basin with 1,050 feet of HDPE pipe and a concrete energy dissipater structure with riprap armored channel discharging directly to Poplar River.
- Ullr Tightline Restoration – backfill and re-vegetation of a 10'X40'X350' gully (see above photo).
- Stormwater Retrofits – Re-grade flow path alignment, armoring ditches, coir log installation, water bar installation and re-vegetation of approximately 15,400 feet of roadway and stormwater conveyance systems.
- River Bank Stabilization – Installation of a 220 foot conveyance system to redirect stormwater from unstable river bank.
- River Bank Restoration – Re-vegetate 750 square feet of river bank.

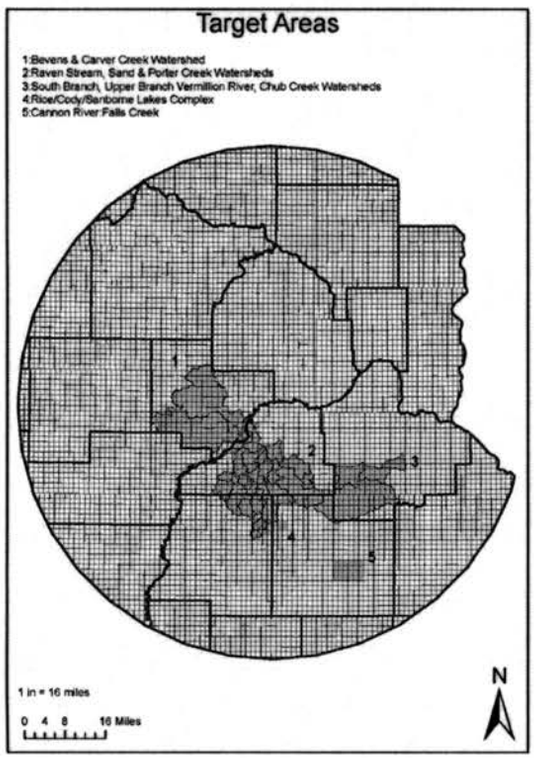
The Poplar River Management Board (PRMB) is comprised of local large and small property owners. The coordination between the PRMB, Cook County SWCD, Cook County, Area 3 SWCD Joint Powers Board Non-Point Engineering Assistance, MPCA and BWSR to develop, review, process and obtain funding for the

Poplar River Watershed Erosion and Sediment Reduction Projects is an example of how successful coordination between State, Joint Powers Boards and Local Government Units can yield federally funded watershed scale projects to improve and protect Minnesota's water and soil resources.

Amassing Biomass for Clean Energy and Clean Water

By Brad Wozney, Board Conservationist

A partnership, with focus areas spanning the five counties of Carver, Dakota, LeSueur, Rice, and Scott, is establishing native prairie grasslands with the intent to provide marketable biomass sources for bioenergy uses. The "Harvestable Habitat Program" is a locally driven, pilot program established through multiple local, state, and federal programs and partners that funds a Biomass Conservation Technician position and provides financial incentives and cost share to landowners. The targeted area is unique because two bioenergy facilities which have a demonstrated need for biomass are located within a 40-mile radius.



Priority areas for the "Harvestable Habitat Program" encompassing portions of Carver, Dakota, LeSueur, Rice, and Scott Counties.

Additional program goals include: 1) Increase wildlife habitat and connectivity through grassland complexes, 2) Completion of ongoing research and evaluation of existing grassland resources as marketable biomass products, 3) Assist with, and complement strategies in, water management plans to help reach water quality goals, 4) Target areas to reduce loading in TMDL watersheds, and 5) Carbon sequestration. Since its inception in December 2008 the "Harvestable Habitat Program" has contracted with seven key landowners to establish over 100 acres of native prairie resulting in an average reduction in soil loss of approximately 3 tons/acre/year.

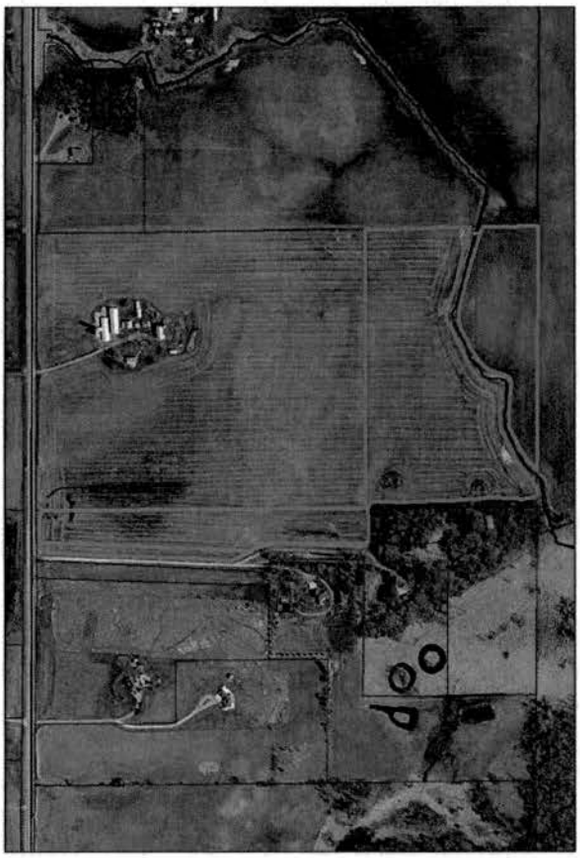
The "Harvestable Habitat Program" specifies that individual projects be a minimum of 50 feet wide with no maximum width, 5-year contracts are mandated to be harvested at least two times during the contract life, 10-year contracts mandate harvesting at least 4 times, harvest may occur after October 15th, and native grass mixes must meet the BWSR requirement of 25 species.

A technical team, called the Working Group, was formed to assist with program development and consists of representatives from the DNR, U.S. Fish and Wildlife Service, The Nature Conservancy, Scott and Rice SWCDs, Shakopee Mdewakanton Sioux Community (SMSC), Scott WMO, NRCS, University of Minnesota, and Rahr Malting/Koda Energy. Funding for the "Harvestable Habitat Program" is provided by the following partners:

- BWSR and Pheasants Forever provide funding through the Farm Bill Assistance grant for the Biomass Technician;
- BWSR awarded the Scott WMO a FY2010 Clean Water Fund grant for landowner incentives and native grass buffer establishment costs;
- DNR provides significant funding through the Working Lands Initiative Program for landowner incentives and prairie establishment costs;
- NRCS provides funding through the Productive Conservation on Working Lands Program for prairie establishment costs;
- U.S. Fish and Wildlife Service provides in-kind planting, maintenance, and monitoring services in addition to native seed through the USFWS Partners for Fish and Wildlife Program;
- Scott SWCD houses and helps fund the Biomass Technician, and approves landowner contracts;
- Carver, Dakota, and Rice SWCDs help fund the Biomass Technician.

Locally, research and evaluation is currently being conducted by the SMSC, the University of Minnesota, and Koda Energy—a heat and power plant in Shakopee which burns exclusively natural, non-manmade materials—to determine which seed mixes generate the most biomass per acre for the least cost and the blend of materials to maintain a consistent heat output.

BWSR submitted a report to the legislature in January 2008 entitled "RIM – Clean Energy Program Guidelines and Standards" which concluded that the startup of a RIM-clean energy program is clearly feasible since it would be developed using components and processes of the proven RIM Reserve Program. This report can be found on the BWSR website: http://www.bwsr.state.mn.us/RIM-CE.html



An aerial photo of a 33-acre contract – previously the land was farmed up to the ditch.

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Minnesota Board of Water & Soil Resources

For Immediate Release

October 19, 2010

Contact: Jon Fure, 651-296-0884

State flood recovery dollars available for wetland restoration and water quality projects

St. Paul – The Minnesota Board of Water and Soil Resources (BWSR) received $13 million through the flood disaster relief law signed by Gov. Tim Pawlenty following the Oct. 18 Special Legislative Session. The money will pay for conservation projects on marginal, flood-prone lands that will prevent future flood-related damage to property in the 21 disaster-declared counties.

"These dollars will be used to install or repair conservation practices that provide additional flood storage and reduce soil erosion from flood events," said John Jaschke, BWSR Executive Director. "Interested landowners should contact their local soil and water conservation district, because they have the expertise to identify specific areas where a conservation practice, such as a water retention structure or a grassed waterway, can minimize flood damage to crops, roads and buildings. These kinds of projects often provide secondary benefits related to water quality and wildlife habitat."

The appropriation to BWSR includes

- $10 million for the Reinvest in Minnesota (RIM) Reserve conservation easement program, and
- $3 million to install, repair, or rehabilitate erosion and sediment control projects in the disaster area to protect soil and water quality and to support fish and wildlife habitat.

The RIM Reserve dollars will be used to acquire permanent easements from willing landowners to restore floodplains, riparian buffers and wetlands on marginal lands in order to provide flood attenuation and to protect soil and water quality per the provisions of Minnesota Statutes, section 103F.515. BWSR is pursuing supplemental, complementary or matching federal funds for these easements and will give priority for site selection and design to flood-prone areas or flood attenuation and retention areas identified in local water management plans or by local staff involved based on site assessments. Jaschke said the $10 million for RIM Reserve is expected to leverage $10 to $15 million in federal dollars through the USDA Wetland Reserve Program or through other funds made available because of the federal disaster declaration.

Additional details, including an enrollment period for landowners to apply for RIM Reserve funds, will be announced by BWSR as soon as those details are available.

The Minnesota Board of Water and Soil Resources consists of 20 members, including local government representatives that deliver conservation programs, state agencies, and citizens. Board members are appointed by the governor to four-year terms. The board is the state's administrative agency for soil and water conservation districts, watershed districts, metropolitan watershed management organizations, and county water managers.

The BWSR mission: Improve and protect Minnesota's water and soil resources by working in partnership with local organizations and private landowners.

- end -

- Upcoming Conventions

  Please review the attached information regarding the upcoming Associations' annual meetings. Complete the registration form(s) today and submit to Mary Jo Anderson. A direct billing (you do not pay) will be submitted for the registration fees.

  - MAWD – December 2-4, Alexandria
    Complete the registration form; and the hotel/meals reservation form

  - MASWCD – December 5-7, 2010, St. Paul
    Complete the registration form – *you will need to make your own hotel reservation*

  - AMC – December 6-8, 2010, St. Cloud
    Complete the registration form – *you will need to make your own hotel reservation*

MAWD 2010 Annual Meeting & Trade Show

MINNESOTA ASSOCIATION OF WATERSHED DISTRICTS, INC

Land and Water Shall be Preserved

December 2-4, 2010

Arrowwood Conference Center

Alexandria, MN

MAWD 2010
Annual Meeting
& Trade Show

Event	Page #
Welcome Reception - Thursday, December 2 - 8:00 pm	3
Annual Meeting Programming	4 - 10
Spouses - There's a New CPR! Save a Life	5
Three Technical Seminars	6
Five Pre-Conference Workshops	12-17
Pre-Conference Workshops Registration Form	11
MAWD Annual Meeting Registration Form	18
Arrowwood Conference Center Reservation	19

Minnesota Association of Watershed Districts

2010 Annual Meeting & Trade Show

December 2-4, 2010

Arrowwood Conference Center, Alexandria, MN

Introduction

The MAWD 2010 Annual Meeting & Trade Show offers a strong seminar program to meet the needs of watershed district officials, staff and key watershed district partners.

MAWD program includes:

- Four general concurrent sessions
- Three technical seminars
- Total of fifteen different seminars
- Trade Show with over 40 exhibitors
- Welcome Reception Thursday evening
- Door prizes
- Five pre-conference workshops Thursday, Dec. 2 - register on page 11

Registration

MAWD Annual Meeting Registration form on page 18 - due November 19
Registration fee - $180.00 per person includes all conference meals for registrant.

There is no registration fee for spouses/guests. Meal package or banquet tickets for spouse/ guest are available on the registration form - page 18.

Late registration (postmarked after November 19) fees are **$200.00** per person. No refunds after November 26, 2010

Registration - Trade Show Floor
Thursday, Dec. 2 - 6:00 pm - 9:00 pm
Friday, Dec. 3 - 8:00 am

The MAWD Board wishes to remind members that watershed districts are not permitted to cover expenses for spouses and guests. This is in accordance with recent State Auditor findings and the Minnesota Constitution which states "taxes shall be uniform . . . and shall be levied and collected for public purposes."

Arrowwood Conference Center
2100 Arrowwood Lane
Alexandria, MN 56308

Arrowwood Reservation Form
Page 19

Reservation deadline
November 19

MINNESOTA ASSOCIATION OF WATERSHED DISTRICTS, INC.

2010 Annual Meeting & Trade Show Schedule

Thursday, December 2, 2010

3:00 p.m. Director's Meeting — Executive Board Room II

6:00 - 9:00 p.m. Registration, Trade Show Floor

6:00 - 9:30 p.m. MAWD Trade Show — Tennis Center — **Welcome Reception 8:00**

7:00 - 8:00 p.m. Concurrent General Session I

Seminar A **Emerging Issues in Aquatic Invasive Species Control - A Panel Discussion**

A panel discussion of emerging issues on the Aquatic Invasive Species Program in Minnesota. How should watershed districts deal with invasive plants (flowering rush, eurasion milfoil, curlyleafed pondweed), herbicide restrictions, and the zebra mussels onslaught? What is the proper leadership role of watershed districts with lake associations and other property groups? Has DNR been working with districts on permitting issues? Should AIS be part of your updated comp plan? And, how do local units of government and property owners deal with the rising costs of this program? The panel will discuss these AIS issues and how they have impacted their watershed district programs and budget.

Moderator: Dick Hecock, Senior Advisor, Pelican Lake WD
Participants: Tera Guetter, Administrator, Pelican Lake WD
Eric Evenson, Administrator, Minnehaha Creek WD
Holly Kovarik, Administrator, Sauk River WD

Seminar B **Valley Branch WD Stream Improvement Projects**

Siltation in trout streams is a major concern because it destroys spawning habitat and degrades water quality. To improve and protect Valley Creek, a high quality trout stream, the Valley Branch Watershed District completed a watershed inventory to identify priority protection sites. Based on the recommendations of the inventory, the Valley Branch Watershed District implemented three improvement projects in 2008. The presentation will show and describe the improvement projects as well as the results.

Presenter: John Hanson, Barr Engineering
Tom McDonald, Barr Engineering

Seminar C **LCCMR Drainage Related Studies Review**

A. LCCMR Drainage Project Study: MN Drainage Law Analysis and Evaluation

This is an update of the project and draft work plan. The project will focus on 3 scenarios / case studies (e.g. metro suburban, agricultural, lakeshore development) to define and evaluate critical issues related to drainage code and related laws. Outcomes are to include analysis and legislative recommendations.

Presenter: Louis Smith, Smith Partners, PLLP,

Thursday programming continued:

B. LCCMR Drainage Project Study: Intensified Tile Drainage Evaluation
A comparative assessment of hydrologic changes in watersheds with and without intensive tile drainage is being conducted to determine the effects of climate and tile drainage in creating more erosive river conditions. Vast areas of Minnesota have been extensively altered with artificial drainage, including sub-surface tile, ditches, wetland drainage, and surface inlets to remove ponded water. The effect of these manipulations in altering hydrology and sediment erosion is not well understood. Understanding the effect of artificial drainage is critical to designing strategies and BMPs to improve water quality.
Presenter: Shawn Schottler, Science Museum of MN, St. Croix Research Station

8:00 p.m. Welcome Reception – Trade Show Floor

Friday, December 3, 2010

7:00 - 9:00 a.m. Breakfast Buffet — Tennis Center

8:00 a.m Registration — Trade Show Floor

8:00 a.m. Resolutions Committee Meeting

8:30 a.m. **Plenary Session**
"A Systems Approach to Invasive Species"
Guest Speaker - Steve Hirsch, Director, Division of Ecology & Water, MN DNR

9:00 a.m. **MAWD Business Meeting**
Presiding - President Barbara Haake
* President's Report
* Secretary's Report
* Treasurer's Report
* Presentation of 2011 Recommended Budget
* Conservation Drainage Practices and Designs:
Results from Focus Groups of Drainage Professionals :
Ann Lewandowski, U of M Water Resource Center

9:00 a.m. **Spouses Seminar — There is a new CPR! Save a life**
Continuous Chest Compression CPR — Alexandria Fire Department.
Mouth-to-mouth breathing is no longer necessary in a cardiac incident.
Compression CPR moves oxygen into the brain and tissues.

Also learn to operate the AED - Automated External Defibrillator
An automated external defibrillator or AED is a portable electronic device available in schools, churches and most public places.

9:00 - 10:00 a.m. **Concurrent Association of District Administrators Technical Session**

Tech Session I **Removing Dissolved Pollutants from Stormwater**

Because dissolved nutrients and metals have a higher bioavailability factor than particulate forms, removing particulate fractions from stormwater only minimally reduces the bioavailability of pollutants that reach downstream receiving water bodies. In addition, reducing total phosphorus concentration from typical median stormwater values of 270 ppb to eco-region standards of 20-40 ppb (Northern Lakes and Forests) or less than 100 ppb (North Central Hardwoods Forest) requires advance treatment of dissolved fraction. Fortunately, research has shown that there are cost-effective methods for capturing the dissolved fraction of phosphorus and heavy metals. Steel and iron have been shown to be effective at removing dissolved heavy metals and dissolved phosphorus from water. Various applications using iron or other additives from actual field installations will be presented and data from these installations will show how these practices significantly capture the dissolved pollutant fraction.

Presenters: Dr. John S. Gulliver., Professor, St. Anthony Falls Laboratory
Andrew J. Erickson P.E., Research Fellow, St. Anthony Falls Laboratory

Tech Session II **New Rainfall Forecast Products from the National Weather Service**

The NWS Hydrometeorological Prediction Center, the office that forecasts rainfall (QPF), is providing new products that watershed organizations may not be aware is available. Most people have seen the forecast rainfall maps they produce that look out 1 to 5 days. They have just begun producing some probabilistic products for those fore casts. The probabilistic products cover the first 3 days of the forecast period. Described in simple terms, the products show the likelihood that the actual rainfall may be more or less than the single number forecast. This defines the uncertainty associated with the single value, or deterministic forecast. This information should be valuable to water management decision makers who have decisions to make based on rainfall. The NWS will discuss how the probabilistic products are created and how the River Forecast Center is using the data to provide decision support information to emergency management officials during flood situations.

Presenter: Mr. Steve Buan, Service Coordination Hydrologist, National Weather Service

Tech Session III **Incorporating the Uncertainty of Climate Change Predictions into a Watershed Management**

Long-term planning for watersheds presents an interesting challenge when including the uncertainties brought about due to climate change. Climate change impacts, especially when looking at variations in predicted rainfall, carry with it a high degree of uncertainty. Engineers, Planners, and Scientists rely on predictive models to design and plan future infrastructure and management policies for watersheds. This case study focuses on a 25 square mile watershed within the South Washington Watershed District. A Monte Carlo method, incorporating the possible range of input parameters, is used to determine the variability of ending lake levels generated by the model. The results are compared to the base or present day conditions to evaluate the impacts of added uncertainty due to impacts of climate change.

Presenters: Suresh Hettiarachchi, P.E., HDR Engineering
Ted Shannon, PE, HDR Engineering

10:00 a.m. Break - MAWD Trade Show Floor - Tennis Center

10:30 a.m. 2010 Resolutions Committee Report

11:30 a.m. Regional Caucuses
Region I
Region II
Region III

12:15 p.m. Buffet Luncheon - Tennis Center
Congressman Collin Peterson (invited)
Chair, U.S. House Agriculture Committee

DNR Watershed District of the Year Award
Kent Lokkesmoe, Director, DNR Division of Waters

1:30 p.m. Break - MAWD Trade Show Floor

2:00 - 3:00 p.m. Concurrent General Session II

Seminar A **South Washington WD Watershed-Wide TMDL**

Use local expertise and established watershed management approaches to integrate and fulfill SWWD goals, municipal goals, TMDL requirements, Anti-degradation requirements, and MS4 requirements. Specifically, we draw on existing SWWD and Washington Conservation District programs and efforts to complete lake and regional management and implementation plans as called for in the SWWD WMP that will meet above stated goals and requirements.

In 2009, SWWD and Houston Engineering began planning to complete a watershed-wide TMDL by building on the existing WMP. We identified a strategy to build SWWD's existing WMP to serve as a TMDL by drawing on existing SWWD and Washington Conservation efforts and programs to develop lake and regional management plans and retrofit analyses. Subsequently, SWWD and its partners completed a pilot project for Powers Lake.

Presenters: Matt Moore, Administrator, South Washington WD
John Loomis, Water Resource Specialist, South Washington WD

Seminar B **Systematic Redetermination of Benefits in Martin County**

Martin County has 189 miles of public drainage ditches, as well as many public tile systems, consisting of over 200 drainage systems. The total benefited area is over 113,200 acres. The estimated benefits exceed $73,293,790. Martin County is currently conducting a systematic redetermination of benefits county-wide, including establishing buffer strips along county ditches. Hear how the drainage authority and landowners are dealing with this effort.

Presenter: Deb Mosloski, Martin County Ditch Administrator

(Friday seminars continued)

Seminar C. **Sustainable Removal of Common Carp in a Model Shallow Polymictic Lake and its Effects on Water Quality**

Lake Susan is a relatively small (37 ha), shallow (max depth 5 m), polymictic lake in Chanhassen which has long suffered from poor year-around water clarity, few aquatic plants, mediocre fishing and severe summer-time algae blooms. It appears to be typical of many lakes. An alum treatment in the 1990s coupled with a fish removal helped but the effects lasted less than a year. Hypothesizing that severe infestation by the invasive benthivorous common carp might be the underlying problem, we started to study the population dynamics of this species in 2006. Using mark-recapture techniques, radiotelemetry and aging fish we discovered that this lake had a carp density of over 300 kg/ ha, that most carp were more than 10 years old and likely borne in an adjoining marsh that winterkills. Using a Judas fish technique we were able to remove <"85% of the carp in the winter of 2009-2010 and to suppress recruitment by temporarily blocking access to the marsh. Water clarity returned to historic highs the following spring and aquatic plants returned with modest recovery of native fish. We conclude that sustainable carp control is often possible if recruitment issues can be addressed and it represents a necessary first step in restoration of polymictic lakes.

Introduced by: Perry Forster, Manager, Riley Purgatory Bluff Creek Watershed District
Presenters: Peter W. Sorensen, University of Minnesota
Przemek Bajer, University of Minnesota

3:00 - 3:30 p.m. Break - MAWD Trade Show Floor

3:30 - 4:30 p.m. Concurrent General Session III

Seminar A **Current and Emerging Technologies for Controlling Internal Phosphorus Loading**

Eutrophication in lakes is caused by phosphorus from the watershed (external loading) and from internal release of phosphorus from sediments (internal loading). In many lakes, internal loading is the largest cause of poor water quality. Over the past 10 to 15 years, new engineering methods of controlling internal phosphorus loading have emerged. Alum addition has been around a long time, but there are new ways to do it in addition to traditional methods. New chemical binding agents, hypolimnion oxygenation, and even nitrate addition have improved water quality by controlling internal phosphorus loading. This presentation will review current methods available to control internal phosphorus loading to improve lake water quality.

Introduction: Perry Forster, Manager, Nine Mile Creek WD
Presenter: David Austin, P.E., CH2M Hill

Seminar B **Minimal Impact Design Standards**

MN is currently developing the performance standards, design standards, and tools to enable and promote the implementation of Low Impact Development (LID) to protect and restore predevelopment hydrology. The process and package is called Minimum Impact Design Standards (MIDS). By creating consistent performance standards and calculation methodologies, as well as zoning codes and model ordinances, MIDS will promote LID approaches for new development and redevelopment statewide. A key component of MIDS is to help communities comply with federal regulations and requirements under Total Maximum Daily Load (TMDL), Municipal Separate Storm Sewer System (MS4), Anti-Degradation, and Outstanding Resource Value Waters (ORVW) programs.

Seminar B continued

The MIDS presentation will: (1) Tell the story of MIDS and the legislative process and stress the importance of diverse partnerships to promote LID on a statewide scale. (2) Provide an overview of the core science associated with the MIDS project. (3) Show how MN is using LID as a framework for protecting and restoring its water resources.
Presenters: Jay Riggs, Manager, Washington County Conservation District
Julie Westerlund, Education/Communications Manager, Minnehaha Creek

Seminar C **Conservation Marketplace of Minnesota**
Conservation Marketplace of Minnesota (CMM) provides a flexible, reliable framework to support payments for ecosystem services. Ecosystem services, or nature's benefits, are quantifiable environmental values recognized by society. Examples include clean water, flood control, wildlife habitat, and recreation. Markets exist where someone is willing to pay for an ecosystem service, for instance water quality, water quantity, carbon sequestration, or species habitat. CMM connects and oversees voluntary ecosystem market transactions resulting in measurable environmental benefits. CMM is completing pilot transactions in 2010 for pollinator habitat, source water protection for nitrogen reduction, and multiple buffer functions. The long-term goal is to significantly increase the number of acres that provide multiple ecological values in addition to expanding to additional watershed footprints in Minnesota and the Upper Mid-west. Current Watershed Service Areas include the Sauk River watershed, the Lower/Middle Minnesota River watersheds, and the Greater Blue Earth River watershed.
Presenter: Dr. Shannon Fisher, Director, Water Resource Center, MSU, Mankato

6:00 p.m. Social Hour (Cash Bar)

7:00 p.m. Association Banquet
MAWD Awards
Entertainment – Kenny Salwey, "Tales of the River Rat"

Saturday, December 4, 2010

7:00- 9:00 Breakfast Buffet

9:00 a.m. **Concurrent General Session IV**

Seminar A **Red River Basin/Fargo-Moorhead Diversion Project**
The Red River Watershed Management Board is challenging designers, planners, and authorities supporting the proposed Fargo-Moorhead Diversion. Fargo-Moorhead needs permanent and long-term flood protection. But, the system designed to protect Fargo-Moorhead should in no way threaten the down-stream communities and the agricultural and social interests of these communities. The RRWMB does not support the proposed Fargo-Moorhead Red River Diversion because its present design and implementation threatens downstream communities and interests. Hear how the RRWMB is working with colleagues in North Dakota and federal authorities to make upstream water retention a vital part of this multi-billion dollar project.
Presenters: Jerome Deal, Chair, Bois de Sioux WD, Director, RRWMB
Ron Harnack, Project Coordinator, Red River Watershed Management Board

Seminar B **Breakthroughs in Collaboration to Create and Sustain Great Conservation Corridors**

Minnehaha Creek, Nine Mile Creek, and the Vermillion River have many challenges in common. Each of these streams is impaired, each stream's watershed has difficult land use issues that pose impacts to both water quality and nearby habitat, and each stream is the focus of some kind of recreational interest. With these environmental challenges come governance issues: how does a watershed authority effectively plan and collaborate with local units of government and their land use planning and development vision? How can diverse funding sources be combined successfully to create multiple layers of conservation, economic, and community benefits? Is there a way to engage businesses and the private sector in the cause of conservation along these stream corridors?

The Minnehaha Creek Watershed District, Nine Mile Creek Watershed District, and Dakota County joined with Allina Hospitals & Clinics and Target to commission Smith Partners to answer these questions. This presentation will summarize this research and outline a new model of watershed partnerships that can effectively include the private sector and pursue multiple benefits.

Presenters: Louis Smith, Attorney, Smith Partners
LuAnn Toliver, Chair, Nine Mile Creek WD
Kevin Bigalke, Administrator, Nine Mile Creek WD
Brian Shekleton, Manager, Minnehaha Creek WD

Seminar C **Improving Water Quality in our National Rivers**

Analyze local land and water management practices and their effect on both environmental and recreational uses of our significant river resources in Minnesota. Understanding the impact that management practices on pond, lake, stream, wetland and subsidiary rivers can have on the quality of water that reaches the St. Croix, Minnesota and Mississippi Rivers. Gain a more comprehensive understanding of the recreational impact that these three rivers have on the quality of life in Minnesota.

Presenters: Chris Stein, Supt., St. Croix National Scenic Riverway
Paul Labovitz, Supt., Mississippi National River and Recreation Area

10:15 a.m. **MAWD Business Meeting (Continued)**

Presiding – President Barbara Haake

* BWSR Report
* MAWD Administrative Report
* Region Reports
* Watershed District Administrators Report
* Final Report on Attendance
* Audit Committee Report
* 2011 Budget Adoption
* 2011 Annual Meeting
* Introduction of new MAWD Board Members

11:30 a.m. Meeting Adjourned

BOARD OF DIRECTORS MEET FOR REORGANIZATION AT 12:00 NOON
or fifteen minutes after adjournment — BOARD ROOM II

2010 MAWD PRE-CONFERENCE SESSIONS
THURSDAY, DECEMBER 2, 2010

Pre-Conference Seminar Registration - Please return this form before November 19.

Name/Title: _____

Organization: _____

Address: _____

City: _____ Zip Code: _____

Phone: _____ Email: _____

Please select one seminar - $75 per session

Includes workshop, registration packet, coffee breaks and lunch.

☐	**Minnesota Drainage Workshop**	**$75**
☐	**New Manager Orientation Workshop**	**$75**
☐	**Experienced Manager Workshop**	**$75**
☐	**ADA Workshop**	**$75**
☐	**Education and Outreach Workshop**	**$75**
	Total Due	**$75**

Credit Card Registration: (on-line at mnwatershed.org)

Guaranteed Payment: ____Visa/MasterCard ____ American Express ____Other major credit cards

Card Number: _____ Exp. Date: _____

Signature: _____

Advanced Registration is recommended - on-site registration subject to availability.

Lodging: Rooms reserved (one night $84.44 with tax) for Wednesday, December 1, 2010 at Arrowwood - 320-762-1124 for reservations. Please reference the MAWD Pre-Conference Sessions.

Cancellations: Refund only if cancellation received by November 26, 2010. Substitutes may be sent.

Registration questions please call 651-452-8506 or email: pegbohn@aol.com.

2010 MAWD Pre-Conference Session

Thursday, Dec. 2, 2010

New Manager's Orientation Workshop

"Basic Watershed management for new & experienced managers and staff"

Watershed Districts are an interesting blend of missions and authorities. Understanding how they fit into the big picture is critical to new Managers. Your organization has broad powers to tackle issues the citizenry has determined other governments either cannot, or will not, address.
It's a big deal…and as a new manager, it is now your responsibility.

Louis Smith, Attorney, Smith Partners, a firm offering water law and policy expertise
Steve Woods, Assistant Director with MN Board of Water and Soil Resources

9:15 **Welcome and Introductions**

Watershed Districts, BWSR, and the World
Your WD is just one organization in a world full of state, federal, non-profit, citizen, and municipal interests with their own mandate to work for the public good.

Government Basics
The public and private sectors operate differently. (Hold secret strategy meetings if you want to learn the hard way…) Ethics, open meeting laws, and other board responsibilities will be explored.

10:30 Break

10:45 **Your Role as Leader**
Your county appointed you to the Board and probably expects you to make sure the organization does more than just exist. There are a few skills that will help you make your organization excel.

Powers, Duties, and Responsibilities of Managers from the Statutes
Managers have their own compact chapter of law - MN Statutes Ch. 103D. This overview of the structure and content will demystify the nuances it contains. Whether or not your WD regulates, you'll hear some specifics about your powers to compel individuals or other government to do things.

12:00 - 1:15 Lunch

1:15 **Signaling Your Intentions Through Planning**
Every organization on the planet from the Cub Scouts to the US Army has some sort of strategic plan to guide them. WD plans set priorities, outline tactics, and explain where the tax money will come from.

2:30 Break

2:45 **Getting Projects Authorized, Permitted, Funded and Built**
Managers set direction for their staff or consultants. This session will cover the statutes staff utilize to get projects airborne in a format as close as possible to the desires of the Board.

Open Q&A time

Register on Page 11

Minnesota Association of Watershed Districts

2010 Pre-Conference Session

Thursday, Dec. 2, 2010

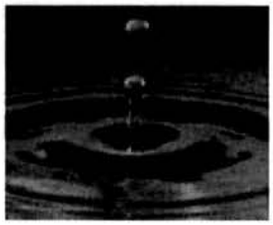
Experienced Manager Workshop

8:00 a.m.	Registration
9:00 a.m.	**Marketing for Behavior Change and Nutrient Reduction** Jay Riggs, Manager, Washington County Conservation District This presentation will talk about education in the context of adaptive management and targeted programs for specific pollutant reduction goals.
10:30 a.m.	Break
10:45 a.m.	**Education and Outreach at the Nine Mile Creek Watershed District: Developing Programs by Audiences** Claire Bleser, Education Outreach Coordinator, Nine Mile Creek Watershed District This presentation identifies education and outreach success stories at the Nine Mile Creek Watershed District.
12:00 Noon	Lunch
1:00 p.m.	**Financial Issues for Watershed Districts** Nancy Bode, Assistant Legal Counsel, Office of the State Auditor
2:00 p.m.	**Understanding Generations and Why it Matters** Cindy Bigger, University of Minnesota Extension
3:00 p.m.	Break
3:15 p.m.	**Legal Issues for Watershed Districts** John Kolb, Attorney, Rinke-Noonan
4:15 p.m.	Conclusion

Register on Page 11

2010 Pre-Conference Session

Thursday, Dec. 2, 2010



Association of District Administrators Pre-conference Workshop

8:00 a.m. Registration

Education and Outreach

9:00 a.m. **Marketing for Behavior Change and Nutrient Reduction**
Jay Riggs, Washington County Conservation District
This presentation will talk about education in the context of adaptive management and targeted programs for specific pollutant reduction goals.

10:30 a.m. Break

10:45 a.m. **Education and Outreach at the Nine Mile Creek Watershed District: Developing Programs by Audiences**
Claire Bleser, Education and Outreach Coordinator, Nine Mile Creek
This presentation identifies education and outreach success stories at the Nine Mile Creek Watershed District.

Noon Lunch

1:00 p.m. ADA Membership Meeting

Register on Page 11

Minnesota Association of Watershed District

2010 Pre-Conference Session

Thursday, Dec. 2, 2010

Education and Outreach Workshop

8:00 a.m. Registration

9:00 a.m. **Marketing for Behavior Change and Nutrient Reduction**
Jay Riggs, Manager, Washington Conservation District
This presentation will talk about education in the context of adaptive management and targeted programs for specific pollutant reduction goals.

10:30 a.m. Break

10:45 a.m. **Education and Outreach at the Nine Mile Creek Watershed District: Developing Programs by Audiences**
Claire Bleser, Education Outreach Coordinator, Nine Mile Creek
This presentation identifies education and outreach success stories at the Nine Mile Creek Watershed District.

12:00 Noon Lunch

1:00 p.m. **Education and Outreach Workshop and Meeting**
This part of the workshop is meant to bring all educators and communication officers together to share resources, success stories and identify future needs. Participants are also asked to bring 1-2 resources they would like to share with the rest of the group.

Developing Effective Education Programs
This presentation will cover basic education theory, setting goals and objectives, and evaluation criteria for education programs.
Angie Hong, Water Resource Education Specialist, Washington Conservation District,
Julie Westerlund, Education/Communications Manager, Minnehaha Creek

Sharing Success Stories – Everyone
There's more to stormwater education than websites and brochures. Learn how Minnesota educators have targeted residents, officials and everyone in between.

Identifying Future Needs and Planning Ahead- Everyone

3:30 p.m. Conclusion

Please contact Claire Bleser for further information, cbleser@ninemilecreek.org

Register on Page 11

2010 MAWD Pre-Conference Session

Thursday, Dec. 2, 2010

Minnesota Drainage Workshop

8:00 a.m. **Registration**

9:00 a.m. **2010 Drainage Law Update**
A summary of experience with drainage law topics and issues during 2010. Topics include: county vs. watershed district jurisdiction for establishment of laterals, and for improvement of part of a drainage system; petitioning an existing private drainage system into a public system, including determining benefits; county vs. watershed district storage of historic drainage records for transferred systems; redetermination of benefits on drain age systems administered by a watershed district.
Presenter: Kurt Deter, Rinke Noonan, Attorney

9:45 a.m. **LCCMR Drainage Project Study: MN Drainage Law Analysis and Evaluation**
This is an update of the project and draft work plan. The project will focus on three scenarios /case studies (e.g. metro suburban, agricultural, lakeshore development) to define and evaluate critical issues related to drainage code and related laws. Outcomes are to include analysis and legislative recommendations.
Presenter: Louis Smith, Smith Partners, PLLP

10:30 a.m. **Break**

10:45 a.m. **LCCMR Drainage Project Study: Intensified Tile Drainage Evaluation**
A comparative assessment of hydrologic changes in watersheds with and without intensive tile drainage is being conducted to determine the effects of climate and tile drainage in creating more erosive river conditions. Vast areas of Minnesota have been extensively altered with artificial drainage, including sub-surface tile, ditches, wetland drainage, and surface inlets to remove ponded water. The effect of these manipulations in altering hydrology and sediment erosion is not well understood. Understanding the effect of artificial drainage is critical to designing strategies and BMPs to improve water quality.
Presenter: Shawn Schottler, Science Museum of MN, St. Croix Research Station

11:30 a.m. **Tile Drainage Questions and Permitting**
Discussion of questions and issues regarding out letting of tile into a natural drainage way and onto a neighbor, or into a public drainage system, including watershed district permits. Rights and responsibilities in state law and in watershed district rules.
Presenter: Kurt Deter, Rinke Noonan, Attorney

Noon **Lunch**

(Continued)

2010 MAWD Pre-Conference Session

Thursday, Dec. 2, 2010

Minnesota Drainage Workshop (continued)

Noon Lunch

1:00 p.m. **Conservation Drainage Focus Groups and Feedback**
This is an EPA Section 319 project managed by the MN Department of Agriculture, with assistance provided by the U of M Water Resource Center. The purpose of the project is to increase implementation of multipurpose conservation drainage to support agriculture and well-functioning drainage systems, as well as clean streams and lakes. Conservation drainage proponents needed a better understanding of the knowledge, needs and concerns of the front line drainage experts around the state regarding conservation drainage practices. The information learned will be used to help direct conservation drainage outreach and imple mentation activities that demonstrate success through voluntary practices.
Presenters: Ann Lewandowski, UofM Water Resource Center
Mark Dittrich, MN Department of Agriculture

2:30 p.m. Break

2:45 p.m. **Systematic Redetermination of Benefits in Martin County**
Martin County has 189 miles of public drainage ditches, as well as many public tile systems, consisting of over 200 drainage systems. The total benefited area is over 113,200 acres. The estimated benefits exceed $73,293,790. Martin County is currently conducting a systematic redetermination of benefits county-wide, including establishing buffer strips along county ditches. Hear how the drainage authority and landowners are dealing with this effort.
Presenter: Deb Mosloski, Martin County Ditch Administrator

3:30 p.m. **Stakeholder Drainage Work Group Update**
The 2008-2009 consensus recommendations of the Drainage Work Group to update drainage law were adopted by the 2010 Legislature, effective August 1, 2010. These updates will be summarized along with a summary of minor issues that arose during the legislative session. A summary will also be provided about current and future topics being discussed by the Drainage Work Group.
Presenter: Al Kean, Board of Water and Soil Resources

4:00 p.m. Conclusion

Register on Page 11

Minnesota Association of Watershed Districts

2010 Annual Meeting & Trade Show

Registration & Meal Form

DUE: NOVEMBER 19, 2010 Please use one form per party:
Copy as needed. Names of all attendees must be submitted.

■ Skip the mailman and register on-line at www.mnwatershed.org

December 2-4, 2010 Arrowwood Conference Center

2100 Arrowwood Lane, Alexandria, MN 56308

Name: _____

Title (manager, commissioner, etc.):_____

Organization: _____

Address: _____

City: _____ Zip _____

Phone: (Day)_____(Evening)_____ Email_____

Name of spouse/guest (no registration fee) _____

Spouse will attend the CPR class ____ yes ___ no

New in 2010
■■■■■
All meals are included in registration fee!

Spouse meal package for purchase

- **Registration $180.00 per person - this includes all meals for the registrant**
- **Spouse meal package - all conference meals = $ 75.00** **$** _____
- **Banquet only = $ 35.00** **$** _____
- (Late registrations postmarked after Nov. 19, 2010 = $200.00 per person)
- No refunds after November 26, 2010

Registration and spouse meal total $ _____

Please make check payable to or enter credit card registration to Minnesota Association of Watershed Districts and return with this form by November 19 to: Minnesota Association of Watershed Districts, 540 Diffley Road, St. Paul, MN 55123 Phone: 651-452-8506 Fax: 651-686-8679

Credit Card Registration: (on-line at mnwatershed.org)

Guaranteed Payment: ____Visa/MasterCard ____American Express ____Other major credit cards

Card Number: _____ Exp. Date: _____

Signature: _____

MINNESOTA ASSOCIATION OF WATERSHED DISTRICTS, INC
Land and Water Shall be Preserved
540 Diffley Road
St. Paul, MN 55123-1601

Minnesota Association of Watershed Districts

Annual Meeting & Trade Show
December 2-4, 2010

2010 MAWD Pre-Conference Sessions - December 2, 2010

- **Minnesota Drainage Workshop**
- **New Manager Orientation Workshop**
- **ADA Workshop**
- **Education and Outreach Workshop**
- **Experienced Manager Workshop**

Hotel Reservation Form

December 2-4, 2010 - Arrowwood Resort and Conference Center

Please note: Please register for the MAWD Annual Meeting on the Registration Form.
This form does not register you for the MAWD Annual Meeting.

Name:_____

Address: _____

City: _____ Zip _____

Phone: (Day)_____ (Evening)_____ Email_____

Please send completed form to Arrowwood by November 19, 2010. (Phone reservations not accepted - fax or mail only.)
Send to: 2100 Arrowwood Lane, Alexandria, MN 56308 Fax: 320-762-0133 Phone: 866-386-5263

Lodging - deadline November 19, 2010 • One form per party please - copy as needed.

- Please select **one room plan** per party.
- The room rates are for 1-4 persons
- All guestrooms are now non-smoking
- Big Splash Indoor Water Park discount tickets at $10 per person per day are available for MAWD.

☐ **Lodging I**	Thursday and Friday - Dec. 2 - 3	$168.88
☐ **Lodging II**	Friday only - Dec. 3	$84.44

☐ **Townhouse units:** $79.00 per bedroom/night plus tax

Select Unit Type desired: ☐ 3 bedroom/3bath ☐ 4 bedroom/3bath
(No elevators. Specify a first floor unit)

Guaranteed Payment: ____Visa/MasterCard ____ American Express _____ Other

Card Number:_____ Exp. Date: _____

Signature: _____

All rooms must be guaranteed. Individual reservations cancelled within 72 hours of the scheduled arrival date will be charged one night lodging on the date of cancellation. Check-in time is 4:00 p.m. Checkout time is 12:00 noon.

MINNESOTA ASSOCIATION OF SOIL AND WATER CONSERVATION DISTRICTS

74th ANNUAL MEETING AND 20th ANNUAL TRADE SHOW

SWCDs – Ensuring a Sustainable Conservation Legacy

December 5, 6, 7, 2010

CROWNE PLAZA ST. PAUL RIVERFRONT HOTEL
ST. PAUL, MINNESOTA

MASWCD
www.maswcd.org

Hosted By:
Minnesota Association of Soil and Water Conservation Districts and
North Central Area 8 Soil and Water Conservation Districts (SWCDs), Tom Schulz, Area Director

SWCDs – Ensuring a Sustainable Conservation Legacy

MASWCD ANNUAL MEETING AND ANNUAL TRADE SHOW
DECEMBER 5, 6, 7, 2010 - CROWNE PLAZA ST. PAUL RIVERFRONT HOTEL - ST. PAUL, MINNESOTA

SUNDAY, DECEMBER 5, 2010

5:00 - 7:00 pm — **Registration Open** – *Lower Level*

7:30 pm — **Convention Kickoff Social** - After dinner, join the MASWCD Board and North Central Area 8 Hosts for a welcome social on the top floor of the Crowne Plaza – *Windows On The River*. Take in the awe-inspiring views of St. Paul and the Mississippi River.

MONDAY, DECEMBER 6, 2010

6:30 am – 8:15 am — **Continental Breakfast/Hospitality Area** – *Cabana Rooms 122 and 123, First Floor (one floor above Lobby)*

7:00 am — **Registration Opens** – *Lower Level*

8:00 am– 5:00 pm — **Trade Show Open**

8:25 am – 8:55 am — **Opening Ceremony and Business Meeting** (*reports and introduction of business only - all voting will take place Tuesday*)

- President's Report – Steve Sunderland
- Introduction of Candidates for MASWCD President and Vice President
- Introduction of MASWCD Resolutions – Dr. Kathryn Kelly, MASWCD Vice President, South Central Area 6 Director
- Finance Committee Report – Tom Schulz, MASWCD Secretary/Treasurer, North Central Area 8 Director

8:55 – 10:15 am — **Keynote Address**

DeAnna Murphy has fifteen years of experience delivering leadership training to local and international audiences. Hear from DeAnna about how we can best face change and uncertainty, while continuing to help landowners make good decisions that benefit the environment and themselves. This session will include a viewing of the Dewitt Jones film, "Celebrate What's Right with the World." Celebrating what's right with the world helps us recognize the possibilities and find solutions for the challenges before us.

Speaker: DeAnna Murphy, Continuous Improvement Specialist/Leadership, Northland Community College

10:15 am – 11:00 am — **Refreshment Break in the Trade Show Area**

11:00 am – noon — **Minnesota's Water Sustainability Framework**

The University of Minnesota's Water Resources Center has been charged by the State Legislature to develop the framework for sustainable water management, a set of recommendations that will protect and preserve Minnesota's lakes, stream, rivers and ground waters for the 21st century and beyond without compromising people's current needs, water quality or natural ecosystems. Learn more about the framework and the final report that will be presented to the State Legislature in January.

Speakers: Deborah Swackhamer, U of M Water Resources Center Co-Chair
Steve Woods, Board of Water and Soil Resources Assistant Director
+ additional panelists to be announced

12:15 pm – 2:00 pm — **Awards Luncheon** – Special Guest: Dave White, USDA Natural Resources Conservation Service Chief (*invited*)

- MASWCD/MPCA Community Conservationist Award
- MASWCD/DNR Forestry Outstanding Forest Steward Award
- MASWCD Media, Teacher, Environmental Education, and Outstanding Supervisor Awards
- MASWCD/MnDOT Living Snow Fence Achievement Award
- DNR Waters Appreciation Award
- BWSR's Outstanding District Employee Award

2:00 pm – 2:30 pm — **Refreshment Break in the Trade Show Area**

2:30 pm – 3:30 pm — **Concurrent Sessions**

MINNESOTA FOREST RESOURCES COUNCIL - LANDSCAPE PROGRAM

The Minnesota Forest Resources Council (MFRC) oversees a Landscape Program to support a broad perspective and a collaborative approach to sustainable forest management. This grass-roots effort builds relationships and identifies collaborative forest management projects that address local needs and represent concrete steps in determining and reaching citizen-identified short-term and long-term goals for broad landscape regions. Attend this session to learn ways for SWCDs to be involved.

Speaker: Lindberg Ekola, Minnesota Forest Resources Council Landscape Program Manager
Moderator: Ted Lovdahl, Itasca SWCD Supervisor

WETLAND MANAGEMENT AND REGULATIONS IN MINNESOTA

Learn and share information about current challenges being faced by the agencies involved with wetland management and regulation in Minnesota. The session will highlight transparency issues between the U.S. Army Corps of Engineers, USDA Natural Resources Conservation Service, Board of Water and Soil Resources and SWCDs as they relate to wetland information, and how the agencies can cooperate more effectively.

Speakers: Tamara Cameron, U.S. Army Corps of Engineers, St. Paul District, Regulatory Branch Chief
Don Baloun, USDA Natural Resources Conservation Service State Conservationist (*invited*)
John Jaschke, Board of Water and Soil Resources Executive Director
SWCD representative

PRIORITIZING THE WORK OF YOUR SWCD

Districts around the state are feeling the pinch of funding cuts and staff reductions, while the need for SWCD services is ever increasing. Most of today's districts are finding they need to cut programs or at least say "no" to new ones to stay within the constraints of their budget. It can be challenging to decide which programs are most essential to your SWCD. It is more important now than ever to have solid priorities in your district, and this session will help you learn how to identify them.

Speaker: Kim Boyce, Extension Educator in Leadership and Civic Engagement, U of M Extension
Moderator: Shane Foley, Hubbard SWCD Manager

Minnesota Association of Soil & Water Conservation Districts

74th Annual Convention & 20th Annual Trade Show

December 5, 6, 7, 2010
Crowne Plaza St. Paul Riverfront Hotel, St. Paul, Minnesota

REGISTRATION FORM

Please use a separate form for each person or couple.
Registrations must include full payment and must be received in the MASWCD office by ***November 5****.*
Cancellations received by November 12 will be refunded less a $75 cancellation fee. No refunds for cancellations after November 12.

NAME _____

☐ SWCD Supervisor
☐ SWCD Employee

SWCD _____

MASWCD Area _____

☐ Outstanding Conservationist
☐ Other Award Recipient

(Outstanding Conservationists and other award recipients *do not pay registration fee*)

SWCD _____

☐ BWSR ☐ NACD
☐ NRCS ☐ DNR
☐ MPCA ☐ MDA

Other _____

REGISTRATION FEE

	Quantity			Amount
Complete Convention Registration	_____	@ $195.00	=	$ _____
Monday Only Registration	_____	@ $130.00	=	$ _____
Tuesday Only Registration	_____	@ $130.00	=	$ _____

MEALS

Monday Awards Luncheon	_____	@ $25.00	=	$ _____
Tuesday Outstanding Conservationist's Luncheon**	_____	@ $25.00	=	$ _____
Tuesday Evening Banquet	_____	@ $30.00	=	$ _____

** ***note*** – There is reserved seating for Tuesday's luncheon; reservations can be made at the registration desk.

OTHER

Convention Kickoff Social			
Sunday, 7:30 pm	_____	@	no charge
Continental Breakfast/Hospitality Area			
Monday, 6:30 – 8:15 am, Rooms 122-123	_____	@	no charge
Tuesday, 6:30 – 8:15 am, Rooms 122-123	_____	@	no charge

While there is no fee for these three events, we ask you to please indicate here if you plan to participate so we can plan accordingly.

TOTAL REGISTRATION AND MEAL FEES ..... $ _____

Please enclose check for the *full* amount payable to MASWCD.
Mail to: MASWCD, 790 Cleveland Avenue South, Suite 201, St. Paul, MN 55116.

Hotel Information: **Individuals are responsible for booking their own hotel rooms.**

Location: Crowne Plaza St. Paul Riverfront, 11 East Kellogg Blvd., St. Paul, Minnesota 55101; Front Desk: 651-292-1900.
Group Rate: $82 for single or double occupancy, plus tax.
Cut-off Date: Reservations must be received by the hotel on or before **November 7, 2010**. After this, any rooms in the block that have not been reserved get released and made available for general public sale.
Reservations: By phone - 651-292-1900 or 1 877-834-3613. Mention room block name "**Annual MASWCD Convention.**"
or
On-line - visit www.maswcd.org and follow the link for convention lodging reservations.

Donations: **MASWCD is a 501(c)(3) non-profit organization and welcomes your tax deductible donations.**

Please indicate whether you are enclosing a donation in the amount of: ☐ $50 ☐ $100 ☐ $150 ☐ other amount: _____

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74th Annual Convention & 20th Annual Trade Show

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☐ SWCD Employee

SWCD _____

MASWCD Area _____

☐ Outstanding Conservationist
☐ Other Award Recipient

(Outstanding Conservationists and other award recipients *do not pay registration fee*)

SWCD _____

☐ BWSR ☐ NACD
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MONDAY, DECEMBER 6, 2010 (continued)

2:30 pm – 3:30 pm **CONCURRENT SESSIONS (*continued*)**

PROGRAM PUZZLE – HOW TO PIECE TOGETHER THE RIGHT CONSERVATION PROGRAMS FOR YOUR LANDOWNERS

Speakers: Gaylen Reetz, Minnesota Pollution Control Agency Regional Division Director
Paul Flynn, USDA Natural Resources Conservation Service State Resource Conservationist
Dave Weirens, Board of Water and Soil Resources Land and Water Section Manager
Representative from the Department of Natural Resources
Moderator: Ruth Trask, Beltrami SWCD Supervisor

3:30 pm – 4:00 pm **Refreshment Break in the Trade Show Area**

4:00 pm – 5:00 pm **Concurrent Sessions**

CONSERVATION EASEMENTS - HELPING LANDOWNERS LEAVE A LEGACY

Get the "why" and "how" of creating a donated conservation easement program, providing landowners with a way to leave a legacy gift to their families and a treasure for future generations. Learn about how such a program works, timelines, appraisal process, grants to cover costs, tax impacts, long-term protection, and easement-holder options. An easement example will be provided.

Speakers: John Sumption, Sumption Environmental and Kris Larson, Minnesota Land Trust
Moderator: Jim Ballenthin, Cass SWCD Supervisor

CITIZEN VOLUNTEERS - A HIDDEN ASSET

SWCD's are juggling more with less. Learn how to work with and maintain a strong volunteer network. Volunteers can help with everything from water quality monitoring to education events. A vibrant volunteer program can help you achieve your resource management goals. Hear how to make the most of volunteers, for many routine duties and unusual opportunities, from the citizen-led Minnesota Waters, SWCDs and citizen volunteers.

Speakers: Courtney Kowalczak , Minnesota Waters, SWCD representatives, and Citizen Volunteers
Moderator: Diane Jacobson, Crow Wing SWCD Supervisor

INTERNAL CONTROLS AND THE PROTECTION OF PUBLIC FUNDS

This session will focus on the use of internal controls to prevent and detect fraud. Actual cases will be presented to demonstrate the types of fraud uncovered in public entities. Misperceptions about fraud will be discussed. Practical tools of protection will be provided. In addition, various legal compliance issues will be reviewed, and recommendations will be offered to increase both transparency and accountability. This session will let you learn from the mistakes of others to help your district stay out of trouble.

Speaker: Nancy Bode, Office of the Minnesota State Auditor
Moderator: Marvin Runyan, Wadena SWCD Supervisor

SAY WHAT? PRACTICAL TIPS FOR BETTER COMMUNICATION

Tired of being misunderstood? Frustrated by trying to explain yourself to people who "just don't get it"? Fear not! This session will provide valuable insight on different communication styles as well as practical tips for understanding others and being understood.

Speakers: Pam Tomevi, Koochiching SWCD Coordinator
Angie Becker Kudelka, Board of Water and Soil Resources Training Coordinator
Kim Boyce, Hennepin CD Supervisor

7:00 & 7:30 pm **Auctions for Conservation Education**

- Silent Auction: 7:00 pm to 8:30 pm
- Live Auction: 7:30 pm until all donated items are auctioned off
- Proceeds support conservation education

TUESDAY, DECEMBER 7, 2010

6:30 am – 8:15 am **Continental Breakfast/Hospitality Area** – *Cabana Rooms 122 and 123, First Floor (one floor above Lobby)*

7:30 am **Registration Opens** – *Lower Level*

8:00 am – 11:45 am **SWCD Employee Session**

TEACHING NATURAL RESOURCES

Learn some of the basic skills of teaching about natural resources, including: how to work with teachers, the do's and don'ts when working with kids, and appropriate topics for all stages of learning. An overview of strategies and methods of teaching and presentation will be provided. Actual demonstrations will include a few easy activities for kids using the Project Wild, Wet and Learning Tree templates. Participants will receive sample DNR resources. Continuing education credits may apply.

Speaker: Laura Duffey, Department of Natural Resources Project Learning Tree Coordinator

8:30 am – 11:45 am **Business Meeting (*continued*)**

- Approval of Standing Rules, 2009 Annual Meeting Minutes
- Candidate Presentations and Elections
- Action on Proposed 2010-2011 Budget
- Action on Resolutions

8:30 am – 10:00 am **Outstanding Conservationist Program - Richard J. Oehlenschlager, Science Museum of Minnesota**

Hear from Assistant Curator and Collections Manager for Biology, Richard Oehlenschlager, about his upbringing as a freckle-faced farm kid who began his boyhood interests by exploring the pastures, fields and woodlands, and how he converted those adventures into a lifetime of research, inventorying and publishing on the natural history of Wadena County.

TUESDAY, DECEMBER 7, 2010 (continued)

8:30 am – 10:00 am **SWCD Employee Sessions**

CONFLICT RESOLUTION - REPLACING STEREOTYPES WITH GENUINE UNDERSTANDING

Anger is as challenging emotion. Figuring out how to respond to the anger of others and how best to express our own is difficult for most people. In this session, participants will be presented with frameworks for understanding anger / conflict and tools for responding, especially to angry customers or colleagues. Communication tools that are respectful and assertive will be included. Attention to clarity, safety, and best practices will also be parts of the session.

Speaker: Ted Bowman, The Sand Creek Group
Moderator: Stacy Cooper, Clearwater SWCD Office Manager

SWCDs - GREATEST HITS

The state of Minnesota has become the land of opportunity if you are an organization that likes to pursue competitive funding. Three different scenarios will be presented where SWCDs have successfully utilized those opportunities to target conservation efforts. The goal of this session is not only to provide an overview of three very different programs, but also provide the key(s) to what made them a success.

Speaker: Brad Grant, Becker SWCD Manager, and other SWCD representatives
Moderator: John Ringle, Cass SWCD Manager

CREATIVE WAYS OF PUTTING BOOTS ON THE GROUND

Eighteen years of SWCD Forestry Programs delivery provide in-depth experience in creative ways for SWCDs to provide self-sustaining conservation and forestry-related programs / services that typically more than pay for themselves. Hear an overview of the Beltrami SWCD Forestry Programs, program management philosophies that work, and how the SWCD has addressed recent budget issues.

Speaker: Jerry Stensing, Beltrami SWCD Stewardship Forester
Moderator: Anne Oldakowski, Wadena SWCD Forestry/Education Technician

9:30 am – 11:45 am **Outstanding Conservationist Photo Area Open**

10:00 am – 10:30 am **Refreshment Break**

10:30 am – 11:45 am **SWCD Employee Sessions**

USING MEDIA RESOURCES TO HELP SUSTAIN SWCDs

Attend this session to learn how to create a tailored media campaign to fit the needs of your SWCD. Discover how to write effective news releases and utilize free radio and TV air space. These tools will help your SWCD use the media to provide education and information to the public and your constituents about the important role of the SWCD in your community.

Speaker: Melissa Barrick, Crow Wing SWCD Water Educator
Moderator: Kathy Loucks, Itasca SWCD Office Administrator

TECHNICAL QUALITY ASSURANCE (TQA) – WHAT IT IS AND HOW TO ACHIEVE IT WITH THE HELP OF TECHNICAL APPROVAL AUTHORITY (TAA)

The Technical Approval Authority system has a long history of helping to assure quality technical assistance is provided by technician-based SWCDs and NRCS field offices for conservation on private lands. This session will put the TAA system in context with current Clean Water Fund policies for technical expertise and quality assurance , and provide a status report about related training. Also included will be a discussion about TQA successes and challenges.

Speaker: Al Kean, Board of Water and Soil Resources Chief Engineer
Moderator: Kari Tomperi, Wadena SWCD Water Resource Technician

GRANT WRITING FOR THE CWP AND SECTION 319 PROGRAMS

Ever have a grant proposal that didn't get approved for funding? Attend this session to learn more about the grant processes for Clean Water Partnership grants and the federal Section 319 grant program. Tips for reading Requests for Proposals, grant eligibility standards, why proposals don't get funded, and other helpful information will be provided.

Speaker: Peter Fastner, Minnesota Pollution Control Agency Regional Division

Noon – 2:00 pm **MASWCD Outstanding Conservationists Luncheon** (*with support from The Farmer Magazine*)

- Special Guest - State Senator Dan Skogen
- Presentation of Distinguished Service Awards to SWCDs and the SWCD of the Year Award
- Slide Show of Minnesota's Outstanding Conservationists – selected by local SWCDs
- Presentation of Minnesota Outstanding Conservationist Award - Area Finalists & State Winner

2:00 pm – 2:30 pm **Refreshment Break**

2:30 pm – 3:30 pm **Uncommon Facts about Common Birds**

This is a fun and entertaining talk presenting fascinating facts and tidbits about some of the birds that people love to hate. Stan will challenge your preconceived ideas about some common birds such as the European Starling, the American Crow and much, much more. You will never look at these birds the same way ever again. This high energy talk wraps up with a strong environmental message of conservation and understanding.

Speaker: Stan Tekiela, Author / Naturalist / Wildlife Photographer, Outdoor Center of Eden Prairie

4:00 pm – 5:00 pm **Reception**

5:00 pm – 7:15 pm **Closing Banquet**

- Recognition of retiring and deceased SWCD supervisors and staff
- Time to relax, network and reflect on two days of conservation information and policy setting
- **Entertainment – Eric Bergeson**, author, columnist and nurseryman
  - Comedy and music with Eric Bergeson will be sure to send you off on a positive note!

Schedule | Lodging | Register | Awards | Vendors | Main

The conference fee is $325 per attendee before October 29, 2010, and $350 after that date.

Refunds will be granted less a $100 cancellation fee if notice is received November 30 - December 3. No refunds granted after that date.

COUNTY/ORGANIZATION:

REGISTRANT(S): 1.

2.

3.

4.

5.

6.

7.

CONTACT NAME:

CONTACT EMAIL:

Your county will be billed for all on-line registrations.

The conference fee is $325 per attendee before October 29, 2010, and $350 after that date.

Refunds will be granted less a $100 cancellation fee if notice is received November 30 - December 3. No refunds granted after that date.

Submit Reset

Association of Minnesota Counties | 125 Charles Avenue, St. Paul, MN 55103-2108 | Main Line: 651-224-3344 Fax: 651-224-6540 |
www.mncounties.org

Celebrating Over 100 Years of Service to Minnesota Counties!

Please notify webmaster of any questions or site problems.

Schedule | Lodging | Register | Awards | Vendors | Main

Join Us For This Year's

BIG BOLD BETTER

AMC Annual Conference!

Each December for over 100 years, the Association of Minnesota Counties' (AMC) **ANNUAL CONFERENCE** is the only event where more than 600 county elected officials, department heads, and key staff, come together to learn more about and discuss the important topics and trends affecting county government. Now more than ever, counties are in position to facilitate positive change in government systems efficiency and this year's annual conference focuses on ways to do just that.

This year's conference focuses on the importance of Minnesota's 87 counties continuing forward together with the ingenuity and foresight that are essential to good governance. Minnesota counties have long been at the forefront of finding better ways to deliver services, perform more efficiently, and improve overall service to their constituents. There are a variety of challenges and uncertainties ahead for all counties, but if Minnesota counties continue to stand together and support each other in facing today's **BIG *challenges*** through an open dialogue of **BOLD *ideas*** in pursuit of **BETTER *solutions*** for all counties and citizens alike, then positive results are absolutely possible.

This year's **OPENING SESSION KEYNOTE** by ***Dr. John Powers*** is called, ***"Lions Walk Softly So They Can Listen,"*** and emphasizes that strong leaders know that we are all teachers, whether we want to be or not, constantly teaching everyone around us who we are and what we believe life is all about. At the same time, we are students only when we choose to be - learning from those around us. Powers earned a Ph.D. degree in Communications from Northwestern University and was a professor of Speech & Performing Arts at Northeastern Illinois University. He created and hosted a *PBS* series on how to be an effective public speaker. He has been a guest on hundreds of radio and television shows including *Oprah* and *Today*. John has received two Emmy awards for his work in television.

The **AWARDS BANQUET** on Monday night provides an opportunity to publicly recognize counties and individuals for ***outstanding achievements*** in government. Find nomination forms at www.mncounties.org and nominate individuals or programs by October 15.

AMC's **BUSINESS MEETING** on Tuesday is also an important part of the conference. Input from all county delegates is encouraged as we vote on our legislative platform and elect officers.

Tuesday's **WORKSHOPS & ROUNDTABLES** will cover a wide variety of topics and interest areas. Workshop subjects include ***Social Media and Interactive Communications*** and ***Making Budget Decisions***, while the more informal roundtables will feature experts discussing and answering questions about topics like the ***State Health Improvement Program (SHIP)*** and ***Future Funding of Transportation Infrastructure***.

Wednesday's **CLOSING SESSION KEYNOTE** will truly inspire you! On September 11, 2001, ***Michelle Cruz-Rosado*** was seated at her desk on the 95th floor of Tower 2 of the World Trade Center, when there was a crashing sound causing the windows in her office to shatter. The decisions she made in the moments following this event changed her life forever. Michelle's extraordinary story has touched the hearts and souls of thousands of people around the world.

The **VENDOR FAIR** showcases exhibitors whose products and services help county government do its business better!

The annual **SILENT AUCTION** inside the Vendor Fair gives conference participants the chance to place bids on great prizes and help a good cause at the same time! Proceeds go toward the annual AMC Student Scholarship. Donated items range from gift certificates to iPods, and everything in between!

And this year's **PRESIDENT'S DINNER & DANCE** on Tuesday will feature Brad Boice, who pays tribute to Elvis, "The King of Rock and Roll" through his musical talents.

Schedule | Lodging | Register | Awards | Vendors | Main

Conference HOTELS

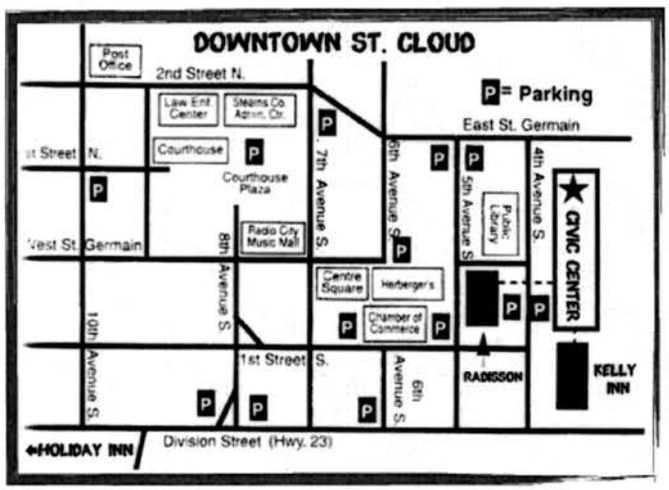
You are responsible for making your own hotel reservations, but be sure to mention the Association of Minnesota Counties (or AMC) room block to receive the group rates listed below.

Best Western Kelly Inn
(Connected to Civic Center)
404 W. Germain Street
Phone: (320) 253-0606
Per Night Rate: $70 + tax (single)

Radisson Hotel & Suites
(Connected to Civic Center by skyway)
Hwy. 23 & 4th Ave. S.
Phone: (320) 654-1661
Per Night Rate: $102 + tax (single)

Holiday Inn & Suites
(Shuttle to Civic Center will be available only at the beginning, middle and end of each day's scheduled activities. Parking at the Civic Center is $5 per entry.)
Hwys. 15 & 23
Phone: (320) 253-9000
Per Night Rate: $74.95 + tax (single)

Reservation Deadline:
Friday, November 5, 2010



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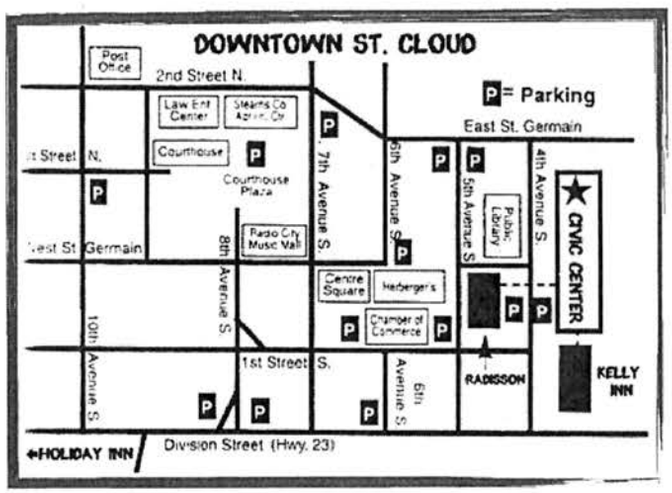

Reservation Deadline:
Friday, November 5, 2010

SCHEDULE OF EVENTS

*All items subject to change.

Monday, December 6

7:30 - 9:30 A.M. — AMC EXTENSION COMMITTEE

7:30 - 9:30 A.M. — AG & RURAL DEVELOPMENT ADVISORY BOARD

7:30 - 9:30 A.M. — INDIAN AFFAIRS ADVISORY COMMITTEE

8:30 - 9:30 A.M. — 2010 CONFERENCE PLANNING COMMITTEE

9:00 A.M. - 2:30 P.M. — ASSOCIATION OF MINNESOTA EMERGENCY MANAGERS (AMEM)

9:30 - 11:30 A.M. — AMC POLICY COMMITTEES
- Environment & Natural Resources
- General Government
- Public Safety

10:00 A.M. - 5:00 P.M. — VENDOR FAIR OPEN

10:00 - 11:30 A.M. — MINNESOTA COUNTIES INTERGOVERNMENTAL TRUST (MCIT) BOARD OF DIRECTORS

10:00 A.M. - 12:30 P.M. — MINNESOTA COUNTY ENGINEERS ASSOCIATION (MCEA)

10:00 A.M. - 1:00 P.M. — MINNESOTA ASSOCIATION OF COUNTY SURVEYORS (MACS)

11:30 A.M. - 12:30 P.M. — LUNCH
Served inside the exhibit hall.

11:30 A.M. - 12:30 P.M. — COUNTY CHOIR PRACTICE

11:30 A.M. - 1:00 P.M. — MAGIC FUND ANNUAL MEETING

11:30 A.M. - 1:00 P.M. — MINNESOTA SOLID WASTE ADMINISTRATORS ASSOCIATION (SWAA)

11:30 A.M.- 1:30 P.M. — MINNESOTA ASSOCIATION OF COUNTY ADMINISTRATORS (MACA) BUSINESS MEETING

12:30 - 2:30 P.M. — AMC POLICY COMMITTEES
- Health & Human Services
- Transportation

12:30 - 2:30 P.M. — MCIT ANNUAL MEETING

12:30 - 1:30 P.M. — AMC OFFICER CANDIDATE SCREENING

1:00 - 3:00 P.M. — MINNESOTA ASSOCIATION OF PLANNING & ZONING ADMINISTRATORS (MACPZA)

1:30 - 3:30 P.M. — MINNESOTA ASSOCIATION OF COMMUNITY CORRECTIONS ACT COUNTIES (MACCAC) BOARD MEETING

3:00 - 5:00 P.M. — OPENING SESSION
- Presentation of Colors
- President's Welcome
- Host County Welcome

(Monday P.M., Continued)

Dr. John Powers

- **Opening Keynote Presentation:**

"LIONS WALK SOFTLY SO THEY CAN LISTEN"

Dr. John Powers

John Powers stands out as one of the best in the business! This informative and entertaining presentation focuses on the art and the science of leadership. Powers has appeared on many radio and television shows, including *Oprah* and *Today*, and has two Emmy awards for his work in television.

5:00 - 6:00 P.M. — RETIRING COMMISSIONERS/PAST PRESIDENTS' RECEPTION
Served inside the exhibit hall.

6:00 P.M. — AWARDS BANQUET

Tuesday, December 7

7:00 - 8:00 A.M. — BREAKFAST BUFFET

8:00 - 10:00 A.M. — AMC BUSINESS MEETING
- Secretary/Treasurer Report
- Screening Committee Report
- AMC Officer Candidate Presentations
- AMC Platform
- AMC 2011 Presidential Election

8:00 A.M. - 2:00 P.M. — VENDOR FAIR

10:00 - 10:30 A.M. — BREAK

10:30 A.M. - 12:00 P.M. — 'HOT TOPIC' ROUNDTABLES

AMC Leadership Opportunities
Visit with Executive Committee Members and Past Presidents to learn about opportunities for becoming more involved within AMC, from participating on Policy Committees to becoming an officer...There are many ways to be involved!

Future Funding of Transportation Infrastructure
With alternative fuels, less revenue from gas tax and increased cost for infrastructure, how will we be able to maintain our transportation systems? The discussion will focus on funding for building and maintaining roads, bridges,rail and transit systems into the future.

State Health Improvement Program (SHIP)
This discussion will include examples of different strategies that counties are using to improve the health of their communities, including employee health and wellness.

Environment & Land Use
Join local government land use attorneys at this roundtable session to find out answers to your land use questions or to learn more about recent court case decisions that impact local land use decision making.

***Additional roundtables will be added as 'hot topics' emerge closer to the conference.**

12:00 - 1:00 P.M. — LUNCH
- Installation of the 2011 AMC President
- **Presentation:**

"THE GRANET PROJECT: A BROADBAND PUBLIC/PRIVATE PARTNERSHIP"

Tom Hannon

Learn how local public communication investment jump-started subsequent private economic development and job creation in Stearns County.

12:00 - 3:30 P.M. — MINNESOTA ASSOCIATION OF PROFESSIONAL COUNTY ECONOMIC DEVELOPERS (MAPCED)

1:00 - 1:30 P.M. — BREAK - VENDOR FAIR FINALE!
Exhibits end after this break.
- Final chance to complete the 'booth map' to be eligible for the drawings on Wednesday.
- Silent auction ends at 1:30 p.m. sharp!

1:00 - 3:00 P.M. — COUNTY BOARD OF APPEAL AND EQUALIZATION TRAINING

(Tuesday P.M., Continued)

1:45- 3:15 P.M. CONCURRENT WORKSHOPS I

Solid Communication: Recovering from Controversy and Crisis
Angry residents. Media calling. Water cooler chatter. You're caught by surprise because this wasn't supposed to happen. How do you recover or at least neutralize the problem? You may have temporarily lost the communication upper hand because it's now a news story or circulating in the public arena but don't panic, and don't look for a miracle or magic wand. Instead look for common sense and practical approaches to regain trust. Strategic thinking and communication can turn things around.

Budget Solutions For the Short Term....And the Long Term
Short term solutions like furloughs, reduced travel, reducing other line item expenses put money in the bank today, but what about the future? Structural changes that would save money and improve service delivery take a longer term view and (aligns with AMC's redesign efforts) are what's needed in the "new normal". The session focuses on the need for BOTH.

Ready Or Not, Here Comes Health Care Reform!
The Minnesota Association of County Health Plans (MACHP) current membership is comprised of the three Minnesota county-based purchasing plans: Itasca Medical Care; PrimeWest Health; and South Country Health Alliance. This session includes an overview of state and national health care reform implementation in Minnesota, as well as a discussion regarding roles and opportunities for counties and county health plans in the process, including payment reform demonstration opportunities such as Health Care Homes and Accountable Care Organizations.

Land Use Litigation & How To Avoid It
Litigation over land use issues is always a difficult subject that many local units of government have experienced. In this session you will receive helpful reminders, and information about making good decisions from attorneys who represent local units of government in land use cases.

Guide to Public Safety Answering Point (PSAP) Consolidation
Whether through merger, consolidation or contract, there are many alternatives for redesigning your dispatch/PSAP functions. This workshop is an opportunity to review the guidebook designed and produced to help with this process an also consult with counties that have made these types of changes.

3:30 - 5:00 P.M. CONCURRENT WORKSHOPS II

Communicating "Bad" News: Handling Public Relations in Difficult Situations
Bad news comes in many shapes and sizes – layoffs, program or service cuts, a breach of the public's trust, or _____ you can fill in the blank. When the local news shows up on your doorstep to break the news to the world, what's your response? This session will help commissioners and staff better understand their roles and responsibilities when handling public relations in difficult situations.

"CPA-Free" Does Not Mean Freedom From the State
Even if County Program Aid (CPA) disappears, your county budget will still feel the ripples and effects of state budget decisions. Explore many of the other sources of state funding counties receive and understand what your county receives and why. This session will also provide you with information about who administers these programs for the state and who to contact with technical questions.

Social Media and Interactive Communications
The public and employees have become accustomed to, and often demand, immediate access to information. The use of the internet to exchange ideas and information has exploded with the advent of "social media" and "Web 2.0". This session will examine applications such as Facebook, MySpace or Twitter; YouTube, blogs and on-line forums for open discussion and the potential risks of their use. The session will also include strategies for managing these new exposures.

County Collaboration in Public Health and Human Services
The Blueprint for Public Health Work Group and the Human Services Redesign Council are examining ways that counties can collaborate to improve service delivery. This session will provide examples of different models and tools available to county commissioners who want to explore these ideas within their own counties.

County Economic Development 101: A Commitment That Gives Back
Find out why counties have made the commitment to having an economic development professional working for their county. See how it has paid off and why you should be looking at this resource to foster and strengthen the economic vitality of your county. A panel of members from the Minnesota Association of Professional County Economic Developers will share the ins and outs of the role of a county economic development professional; the role they play in their county and the successes they have achieved.

5:00 P.M. PRESIDENT'S RECEPTION

6:00 P.M. PRESIDENT'S DINNER & DANCE
Featuring Brad Boice, "Elvis Tribute Artist"
Don't miss an entertaining evening with "The King!"

Wednesday, December 8

County Door Prize Drawing winners will be posted Wednesday morning.

7:00 - 8:30 A.M **WOMEN COMMISSIONERS FORUM BREAKFAST**

8:00 - 9:00 A.M. **BREAKFAST & GENERAL ASSEMBLY**
- Call to Order
- County Choir Performance
- AMC Officer Elections
- AMC Executive Director's Report

9:00 - 11:00 A.M. **CLOSING SESSION**

Jay Kiedrowski

- **Presentation:**

"FINANCIAL MANAGEMENT AND INNOVATED REFORMS FOR GOVERNMENT"
Jay Kiedrowski, Senior Fellow, Public and Nonprofit Leadership Center, Humphrey Institute
Jay Kiedrowski is an expert in public and nonprofit financial analysis and budgeting, strategic human resources management, consulting, and integrative leadership financial management.

Michelle Rosado

- **Closing Keynote Presentation:**

"PURSUING YOUR DESTINY"
Michelle Rosado, 9/11 Survivor
On September 11, 2001, Michelle Cruz-Rosado was seated at her desk on the 95th floor of Tower 2 of the World Trade Center, when there was a crashing sound causing the windows in her office to shatter. The decisions she made in the moments following this event changed her life forever. Michelle's extraordinary story has touched the hearts and souls of thousands, empowering people around the world.

11:00 A.M. **GRAND PRIZE DRAWINGS & ADJOURN**
You must be present to win!

Don't Miss This Year's **BIG BOLD BETTER** AMC Annual Conference...Register Today!

Minnesota Board of Water & Soil Resources

DATE: November 29, 2010

TO: Board of Water and Soil Resources' Members, Advisors, and Staff

FROM: John Jaschke, Executive Director

SUBJECT: December 15, 2010 Board Meeting Notice

The Board of Water and Soil Resources (BWSR) will meet on Wednesday, October 27, 2010, beginning at 9:00 a.m. The meeting will be held in the lower level Board Room at 520 Lafayette Road N., St. Paul. Parking is available in the lot directly in front of the building (use hooded parking areas).

The following information pertains to agenda items:

COMMITTEE MEETINGS

Metro Water Planning Committee

1. **Public Hearing on Petition for Redistribution of Managers of the Lower Minnesota River Watershed District -** The Scott County Board of Commissioners submitted a petition to redistribute the managers of the Lower Minnesota River Watershed District pursuant to Minn. Stat. § 103D.301. Minn. Stat. § 103D.301, subd. 3, item a, requires the BWSR Board to hold a public hearing and, after a public hearing has been held, make a decision on the petition.

   The Lower Minnesota River Watershed District is comprised of parts of four counties. The District has five managers currently distributed as follows: two managers from Hennepin County and one manager each from Carver, Dakota and Scott Counties. The petition requests the distribution be changed from one manager from Scott County to two managers from Scott County. No increase in the number of managers has been petitioned for.

   Minn. Stat. § 103D.105 allows the Board to proceed without holding a public hearing on a petition such as this if the Board determines the petition is noncontroversial. Because no increase in the number of managers is being sought by Scott County, one or more of the remaining three counties will likely oppose any loss of manager representation.

   Staff recommended a public hearing be held because the petition does not meet the "noncontroversial" threshold set forth in Minn. Stat. § 103D.105. At the Metro Water Planning Committee meeting held on November 17, 2010, the Committee unanimously decided to recommend to the full BWSR Board that a public hearing be held and that the hearing be presided over by the Metro Water Planning Committee per the attached draft Order. ***DECISION ITEM***

Bemidji 701 Minnesota Ave., Suite 234 Bemidji, MN 56601 (218) 333-8024

Brainerd 1601 Minnesota Drive Brainerd, MN 56401 (218) 828-2383

Duluth 394 South Lake Ave., Room 403 Duluth, MN 55802 (218) 723-4752

Fergus Falls 1004 Frontier Drive Fergus Falls, MN 56537-2505 (218) 736-5445

Marshall 1400 East Lyon St., Box 267 Marshall, MN 56258 (507) 537-6060

Mankato 1160 Victory Drive S., Suite 5 Mankato, MN 56001-5358 (507) 389-1967

New Ulm 261 Highway 15 South New Ulm, MN 56073 (507) 359-6074

Rochester 2300 Silver Creek Rd N.E. Rochester, MN 55906 (507) 206-2889

Central Office / Metro Office 520 Lafayette Road North Saint Paul, MN 55155 Phone: (651) 296-3767 Fax: (651) 297-5615

www.bwsr.state.mn.us TTY (800) 627-3529 An equal opportunity employer

Southern Water Planning Committee

1. **Fillmore County Local Water Management Plan Amendment -** The December 14, 2005, Board Order approving the ten-year Fillmore County Local Water Management Plan (Plan) required a review and update of the implementation plan in five years or by the end of 2010. The Southern Water Planning Committee (Committee) met on March 4, 2010, to review the Plan Amendment submitted by Fillmore County. The Committee approved the Plan Amendment contingent on Fillmore County approval, holding a public hearing, and receiving BWSR staff approval. On November 4, 2010, the Committee and staff concurred that the contingencies set on March 4, 2010, had been met. The Southern Water Planning Committee recommends approval of the Fillmore County Plan Amendment. See attachments. ***DECISION ITEM***

2. **Le Sueur County Local Water Management Plan Amendment -** By Board Order, the Board of Water and Soil Resources (Board) approved the Le Sueur County 2006 - 2015 Comprehensive Local Water Management Plan (Plan) on December 13, 2006. This Plan contains an implementation section with goals, objectives and actions to address the County's priority concerns. The Board Order required Le Sueur County to update the Plan's implementation section by December 31, 2010. Le Sueur County followed the amendment process guidelines established by the Board and submitted their 2011 - 2015 Local Water Management Plan Addendum on September 7, 2010. The Board's Southern Water Planning Committee (Committee) met on November 4, 2010 to review the Le Sueur County Plan Addendum. The Committee recommends approval of the Le Sueur County 2011 - 2015 Local Water Management Plan Addendum. See attachments. ***DECISION ITEM***

3. **Redwood County Local Water Management Plan Amendment -** By Board Order, the Board of Water and Soil Resources (Board) approved the Redwood County Comprehensive Local Water Plan (Plan) on December 14, 2005. This Plan covered a ten-year period of 2006–2016 and contained a 2006–2011 five-year implementation section. Board Order stipulated that the County was required to revise/update the implementation section by January 1, 2011. Following the guidelines established by the Board, Redwood County has completed the local water management plan amendment process and submitted their 2010 Plan Amendment. The Board's Southern Water Planning Committee met on November 4, 2010 to review the County's 2010 Amendment. This Committee will provide its recommendation to the Board on December 15, 2010. See attachments. ***DECISION ITEM***

4. **Olmsted County Comprehensive Local Water Management Plan Extension Request -** Olmsted County has submitted a request for an extension of the Olmsted County Comprehensive Local Water Management Plan (Plan). Olmsted County will continue its effort toward completion of the Comprehensive Local Water Plan revision and under Minnesota Statutes 103B.311 Subdivision 4 (a) (5) will not order or commence any projects during this extension period. This extension request was considered by the BWSR Southern Water Planning Committee at their November 4, 2010, meeting, and their recommendation will be presented to the full Board. See attachments. ***DECISION ITEM***

5. **Winona County Comprehensive Local Water Management Plan Extension Request -** Winona County has submitted a request for a two-year extension of the Winona County Comprehensive Local Water Management Plan (Plan). BWSR staff has reviewed this request and recommends approval. This extension request was considered by the BWSR Southern Water Planning Committee at their November 4, 2010, meeting, and their recommendation will be presented to the full Board. See attachments. ***DECISION ITEM***

NEW BUSINESS

1. **FY2011 Clean Water Fund Competitive Grants -** The Board is requested to adopt the recommendation of the Grants Program and Policy Committee to award 66 grants in the areas of FY2011 Clean Water Fund Competitive Grants, Sub-surface Sewage Treatment (SSTS) Inventory and Program Enhancement Grants, and Conservation Drainage Grants. See attachments. ***DECISION ITEM***

2. **FY2011 Clean Water Fund (CWF) Shifting Authorization** - The Board is requested to adopt the recommendation of the Grants Program and Policy Committee to shift unallocated Feedlot Water Quality Continuous Sign-up Grant funds SSTS Program Enhancement Grant funds to implement projects that were proposed during the SSTS Imminent Health Threat Abatement Continuous Sign-up Grants and CWF Competitive Grant applications that are otherwise unfunded. See attachments. ***DECISION ITEM***

3. **Lake Protection Water Plan Challenge Grant Program** - The Board is requested to adopt the recommendation of the Grants Program and Policy Committee to authorize conducting a small challenge Grant Program for lake protection using returned 2008 Clean Water Legacy Funds. See attachments. ***DECISION ITEM***

4. **Clean Water Council FY12-13 Budget Recommendations** - The Clean Water Council advises the Legislature and the Governor on state programs to restore and protect Minnesota's waters. The Council's statutory charge is to focus on existing restoration and protection programs, as well as to identify innovative approaches that may strengthen or complement those programs. Its diverse membership represents interests and organizations with a major role in achieving clean water, enabling consensus-building and coordination on a wide array of issues critical to the people of Minnesota. Keith Hanson, Chair of the Council's Clean Water Council Budget and Outcomes Committee will overview their FY12-13 budget recommendations. The Council's recently issued report containing the recommendations are found beginning on page 9 at: http://www.pca.state.mn.us/index.php/view-document.html?gid=14944. See attachments. ***INFORMATION ITEM***

5. **Grass Lake Prairie Wetland Restoration: Kandiyohi County Grant Agreement** - Kandiyohi County continues to assist the state and other project partners with the ongoing implementation of the Grass Lake Prairie Wetland Restoration near Willmar. Board approval is being sought to amend prior BWSR Resolution #07-96 that limits grant funds to the county for this project to ten percent of the 2006 capital budget appropriation. It is proposed to waive the ten percent limitation and allow any remaining unencumbered funds from the appropriation to be granted to the county for limited use on approved project implementation activities including, but not limited to project coordination, contracts for project services, acquisition, and specific project implementation activities. See attachments. ***DECISION ITEM***

6. **Proposed 2011 BWSR Board Meeting Dates** – The BWSR Board meets the fourth Wednesday of the month (unless noted). The proposed meeting dates for 2011 are attached. ***DECISION ITEM***

If you have any questions regarding the agenda, please feel free to give me a call at 651-296-0878. The Board meeting will adjourn about noon. If bad weather conditions exist in your area and you are unable to attend the meeting due to travel restrictions, please notify the Board office by noon on Tuesday if possible. I look forward to seeing you on December 15th!

BOARD OF WATER AND SOIL RESOURCES
520 LAFAYETTE ROAD N.
ST. PAUL, MINNESOTA 55155
WEDNESDAY, DECEMBER 15, 2010

PRELIMINARY AGENDA

9:00 AM **CALL MEETING TO ORDER**

PLEDGE OF ALLEGIANCE

ADOPTION OF AGENDA

MINUTES OF OCTOBER 27, 2010

PUBLIC ACCESS FORUM (10-minute agenda time, two-minute limit/person)

CONFLICT OF INTEREST DECLARATION

INTRODUCTION OF NEW BWSR MEMBER

- Joe Martin

INTRODUCTION OF NEW BWSR EMPLOYEE

- Pete Felland, Conservation Engineering Technician

REPORTS

- Chair – Brian Napstad
- Executive Director – John Jaschke
- Dispute Resolution Committee – Paul Brutlag
- Wetlands Committee – LuAnn Tolliver
- Grants Program & Policy Committee – Louise Smallidge
- Public Relations, Outreach & Strategic Planning Committee – Keith Mykleseth
- RIM Reserve Planning Committee – Paul Brutlag
- Drainage Work Group – Tom Loveall
- Administrative Advisory Committee – Brian Napstad

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

1. Public Hearing on Petition for Redistribution of Managers of the Lower Minnesota River Watershed District – Jim Haertel - ***DECISION ITEM***

Southern Water Planning Committee

1. Fillmore County Local Water Management Plan Amendment – Paul Langseth – ***DECISION ITEM***

2. Le Sueur County Local Water Management Plan Amendment – Paul Langseth - ***DECISION ITEM***

3. Redwood County Local Water Management Plan Amendment - Paul Langseth - ***DECISION ITEM***

4. Olmsted County Comprehensive Local Water Management Plan Extension – Paul Langseth – ***DECISION ITEM***

5. Winona County Comprehensive Local Water Management Plan Extension – Paul Langseth – ***DECISION ITEM***

NEW BUSINESS

1. FY2011 Clean Water Fund Competitive Grants – Dave Weirens – ***DECISION ITEM***

2. FY2011 Clean Water Fund (CWF) Shifting Authorization – Dave Weirens – ***DECISION ITEM***

3. Lake Protection Water Plan Challenge Grant Program – Dave Weirens and Jeff Hrubes – ***DECISION ITEM***

4. Clean Water Council FY12-13 Budget Recommendations – Keith Hanson, Chair, Clean Water Council Budget and Outcomes Committee - ***INFORMATION ITEM***

5. Grass Lake Prairie Wetland Restoration: Kandiyohi County Grant Agreement – Tom Wenzel – ***DECISION ITEM***

6. BWSR Board Meetings in 2011 – ***DECISION ITEM***

AGENCY REPORTS

- Minnesota Department of Agriculture – Rob Sip
- Minnesota Department of Health – John Linc Stine
- Minnesota Department of Natural Resources – Larry Kramka
- Minnesota Extension Service – Faye Sleeper
- Minnesota Pollution Control Agency – Rebecca Flood

ADVISORY COMMENTS

- Association of Minnesota Counties – Annalee Garletz
- Minnesota Association of Conservation District Employees – Felicia Brockoff
- Minnesota Association of Soil and Water Conservation Districts – LeAnn Buck
- Minnesota Association of Townships – Sandy Hooker
- Minnesota Association of Watershed Districts – Ray Bohn
- Natural Resources Conservation Service – Tim Koehler

UPCOMING MEETINGS

- Next BWSR Board Meeting – January 26, 2011 in St. Paul

Noon **ADJOURN**

BOARD OF WATER AND SOIL RESOURCES
520 LAFAYETTE ROAD N.
ST. PAUL, MINNESOTA 55155
WEDNESDAY, OCTOBER 27, 2010

BOARD MEMBERS PRESENT:
Gordy Behm, Paul Brutlag, Bob Burandt, Larry Kramka, DNR; Quentin Fairbanks, Rebecca Flood, MPCA; Sandy Hooker, Paul Langseth, Tom Loveall, John Meyer, Keith Mykleseth, Brian Napstad, Rob Sip, MDA; Faye Sleeper, MES; Louis Smallidge, Gene Tiedemann, LuAnn Tolliver, Dan Wilson, MDH

BOARD MEMBERS ABSENT:
Christy Jo Fogarty

STAFF PRESENT:
Mary Jo Anderson, Julie Blackburn, Dan Girolamo, Jim Haertel, John Jaschke, Melissa Lewis, Sarma Straumanis, Dave Weirens

OTHERS:
Wayne Edgerton, DNR
Paul Moline, Carver County
LeAnn Buck, MASWCD
Ray Bohn, MAWD

DRAFT

Acting Chair Paul Brutlag called the meeting to order at 9:00 a.m.

PLEDGE OF ALLEGIANCE

Acting Chair Brutlag announced that Governor Pawlenty made appointments to the Board of Water and Soil Resources effective November 1, 2010. Brian Napstad has been appointed as Chair of BWSR, replacing Randy Kramer; and Joe Martin replaces Randy Kramer as a citizen member on the Board to complete a term that expires on January 3, 2011.

** 10-90 **ADOPTION OF AGENDA** – Moved by Louise Smallidge, seconded by Sandy Hooker, to approve the agenda as circulated. Motion passed on a voice vote.

MINUTES OF SEPTEMBER 22, 2010 – Rob Sip reported that a correction is needed on page eight, Minnesota Department of Agriculture; it should read, "Rob commented on a point of interest for a future meeting; the 'MDA Livestock Environmental Quality Assurance Program' as it ties to BWSR's Cost-Share Program". Dan Wilson reported that also on page eight, Minnesota Department of Health, the last sentence should read, "MDH is gathering data from ** 10-91 tribal nations". Moved by LuAnn Tolliver, seconded by Paul Langseth, to approve the minutes of September 22, 2010, as corrected. Motion passed on a voice vote.

CONFLICT OF INTEREST DECLARATION – Acting Chair Brutlag reported that the agenda item today "2010 (FY11) Southern Minnesota Flood Relief" needs a Conflict of Interest Declaration. Acting Chair Brutlag read the statement: *"A conflict of interest whether actual or perceived occurs when someone in a position of trust has competing professional or personal interests and these competing interests make it difficult to fulfill professional duties impartially. As this time, members are requested to identify any potential conflicts of interest they may have regarding today's business."*

John Jaschke asked board members to submit their Conflict of Interest Declaration forms.

REPORTS

Acting Chair's Report – Paul Brutlag stated that he has noticed the change without our past Chair Randy Kramer. Paul reported that Randy Kramer fell and broke his shoulder while working on his farm.

Executive Director's Report – John Jaschke reviewed information in board members' packets. John asked Board Members to submit registration information for attendance at the MAWD, MASWCD, and AMC annual meetings to Mary Jo Anderson by Friday. John attended the Special Legislative Session on October 18. John reported that he attended the "BWSR Academy" yesterday, this is currently underway, October 26-28, at

Breezy Point near Brainerd. BWSR staff and LGU staff, about 300 attendees. John attended the U of M Water Resources Conference on October 19.

Dispute Resolution Committee (DRC) – Travis Germundson reported that there are currently 13 appeals; no new appeals have been received since the September 22, 2010 DRC Report. Travis provided an update on the following appeals:

- Appeal #10-13, a restoration order in Benton County: BWSR affirmed the appeal and rescinded the restoration order.
- Appeal #10-10, an order of the managers of the Wild Rice Watershed District: both parties have requested BWSR to facilitate informal mediation prior to beginning an administrative contested case proceeding.
- Appeal #09-10, banking plan application in Aitkin County: appellant requested voluntary remand back to Aitkin County.
- Appeal #08-09, a replacement order in Pine County: The replacement order has been stayed and the appeal has been placed in abeyance pending disposition with the U.S. Department of Justice.

Acting Chair Brutlag thanked Travis for the report.

Wetlands Committee – LuAnn Tolliver reported that the Wetlands Committee will meet on December 14, at 5:30 p.m., at the Kelly Inn in St. Paul.

Grants Program & Policy Committee – Louise Smallidge reported that the Grants Program & Policy Committee will meet on November 17, 9:00 a.m. - noon.

RIM Reserve Planning Committee – Paul Brutlag reported that RIM Reserve Planning Committee met on October 18th; the Southern Minnesota Flood Disaster Response is on the agenda later today.

Drainage Work Group – Tom Loveall reported that the Drainage Work Group (DWG) met on October 14. Tom reported that the DWG discussions included the Smith Partners LCCMR Project, "MN Drainage Law Analysis and Evaluation" -- the report is expected in mid-2011. The DWG discussed drainage issues and priorities, 103D, 103E, and funding sources. The Drainage Work Group will meet again in early January 2011.

Administrative Advisory Committee (AAC) – Acting Chair Brutlag reported that the AAC met this morning and discussed: a letter from the Mayor of Woodbury; Board appointments; Southern Minnesota Flood Relief Cost-Share Funding Resolution and Policy; Technical Amendment for SWCD FY11 Cost-Share Resolution; and budget preparation update. Acting Chair Brutlag stated that some of these items are on the agenda later today.

DRAFT

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

Delegation of Authority – Bob Burandt reported that the Metro Water Planning Committee met on October 14. Jim Haertel reported that the proposed amendments to WMO watershed management plans in the seven county metropolitan area can follow the minor plan amendment process or the regular plan amendment process. Minor plan amendments do not come before the Board for approval, the regular plan amendments require Board approval. Currently, Minn. Rules part 8410.0140, subp. 2C allows the Board 45 days to make a decision on which amendment process must be followed. The time period allowed cannot always be met in consideration of the Board's meeting schedule. Delegation of authority to the Executive Director is desirable. Jim reported that the Metro Water Planning Committee unanimously recommends approval of the
** delegation of authority. Moved by Keith Mykleseth, seconded by Bob Burandt, that the
10-92 Executive Director is hereby delegated the authority to make decisions on the review process for WMO watershed management plan amendments proposed to be reviewed as minor amendments. Motion passed on a voice vote.

Carver County WMO (CCWMO) Revised Plan – Jim Haertel reported that the Metro Water Planning Committee met on October 14th and unanimously recommends approval of the Carver County WMO Revised Plan. Jim presented highlights of the Plan and explained that the CCWMO encompasses nearly the entire county at 320 square miles. Jim introduced Paul Moline, WMO Administrator. Mr. Moline stated that he's proud of the process and the product the Plan represents. Carver County has an efficient means of delivering water management through collaboration within county government; it works very well, and has been a significant savings in working together in prioritizing projects and
** implementation of the Plan. Moved by Louise Smallidge, seconded by LuAnn Tolliver,
10-93 to approve the Carver County WMO Revised Plan. Bob Burandt abstained from the vote. Motion passed on a voice vote.

Northern Water Planning Committee

Becker County Comprehensive Local Water Management Plan Amendment – Keith Mykleseth reported that the Northern Water Planning Committee met on October 13; reviewed the Becker County Comprehensive Local Water Management Plan amendment
** and recommends approval. Moved by Keith Mykleseth, seconded by Quentin Fairbanks,
10-94 to approve the Becker County Comprehensive Local Water Management Plan Amendment for November 1, 2010 – December 31, 2014. Motion passed on a voice vote.

Lake County Local Water Management Plan Amendment – Brian Napstad reported that the Northern Water Planning Committee met on October 13; reviewed the Lake County Local Water Management Plan Amendment and recommends approval.

** 10-95 Moved by Brian Napstad, seconded by Quentin Fairbanks, to approve the Lake County Local Water Management Plan Amendment in effect until October 26, 2015. Quentin stated that the five-year review of a plan is very important. Motion passed on a voice vote.

RIM Reserve Management Planning Committee

RIM Reserve Southern Minnesota Flood Disaster Response – Paul Langseth reported that the RIM Reserve Management Planning Committee met on October 18, reviewed the proposed Southern Minnesota Flood Disaster Response, and recommends approval. Kevin reported that Governor Pawlenty called a Special Session of the Legislature on October 18th. The Legislature appropriated $3M for cost-share; and $10M bond funds for the RIM Reserve Program to acquire permanent conservation easements on lands damaged by rain/flooding. Kevin Lines distributed an updated map showing the Federal Disaster Declaration, FEMA-1941-DR, reflecting additional counties. Kevin reported that BWSR staff is working closely with NRCS and FSA to leverage additional federal funds. Kevin presented the resolution, which establishes payment rates and authorizes staff to develop procedures and criteria for the 2010 RIM Reserve Special Session Flood Disaster Response, sign-up to begin November 1, 2010 and runs through January 31, 2011. Kevin reported that two public meetings will be held; the first meeting in Windom on November 3; ** and a second meeting on November 16 in Rochester. Moved by Paul Langseth, 10-96 seconded by Tom Loveall, to approve the resolution authorizing staff to implement the 2010 RIM Reserve Special Session Flood Disaster Response. Acting Chair Brutlag stated that John Jaschke attended the Special Legislative Session on October 18 and was not available to attend the RIM Reserve Management Planning Committee meeting. John reported that this resolution represents a targeted approach to deal with conservation easements on land either damaged by the rain/flood event or to help reduce the impacts of future flood damage. Discussion followed. Motion passed on a voice vote.

NEW BUSINESS

FY 2011 SWCD Grant Allocations – Cost Share Allocation, Amend Board Resolution #10-57- Acting Chair Brutlag reported that the Administrative Advisory Committee approved this resolution today. John Jaschke explained that the resolution amends the June 23, 2010 Resolution #10-57 to reflect the use of Cost-Share Program roll-over funds for the FY2011 State Cost-Share Base Grant allocation. Dave Weirens reported that the original appropriation was $1.1M; with $1.04M allocated and a difference of $60,525 unallocated. The Native Buffer Cost-Share roll-over allocation of ** $60,525 is proposed for the FY11 State Cost-Share Base Grant Program. Moved by 10-97 Louise Smallidge, seconded by Paul Langseth, to approve the amendment of Board Resolution #10-57, authorizing $60,525 of Native Buffer Cost-Share roll-over for FY2011 State Cost-Share Base Grants Program. Motion passed on a voice vote.

Minnesota Lake Superior Coastal Program Grant Application Resolution – John Jaschke explained that the Minnesota Lake Superior Coastal Program annually offers federal matching funds from the National Oceanic and Atmospheric Administration (NOAA) for projects that address coastal issues. A requirement of NOAA's grant application process is a resolution by BWSR. Staff is requesting approval of the required resolution to submit an application to obtain funding for State and local government staff to attend fluvial geomorphology training. The training will enhance local technical capacity to implement coastal water quality measures and coordination between State and local government staff in the Lake Superior basin. Moved by Brian Napstad, seconded by Quentin Fairbanks, that staff is authorized and directed to execute and file an application for the Minnesota Lake Superior Coastal Program, providing all information and documentation required to become eligible for possible funding assistance. Motion passed on a voice vote.

** 10-98

Acting Chair Brutlag called for a break in the meeting at 10:10 a.m. The meeting reconvened at 10:20 a.m.

2010 (FY11) Southern Minnesota Flood Relief – Acting Chair Brutlag reported that the Administrative Advisory Committee made changes to the BWSR Southern Minnesota Cost-Share Flood Relief Policy; and recommends Board approval of the Policy as revised. John Jaschke explained that the federal disaster was declared in 29 counties of south central and southeast Minnesota due to flooding resulting from heavy rains. The Special Legislative Session on October 18 appropriated $10M for RIM and $3M for Cost-Share. John explained that the Policy revisions included adding "or local government unit" to #6, #7, and #8 of the Policy. Dave Weirens provided an overview of the Policy. Discussion. Dave presented the Resolution, "2010 Southern Minnesota Flood Relief". Dave reported that the Grants Program and Policy Committee has reviewed the Resolution and Policy. The revisions to the Policy will be made and distributed to Board Members.

SSTS Imminent Health Threat Abatement and Feedlot Water Quality Continuous Sign-up Grant Programs – Dave Weirens distributed the FY2011 SSTS Imminent Health Threat Abatement Continuous Sign-Up Grants Map. Dave reported that staff conducted continuous sign-ups or applications for SSTS Imminent Health Threat and Feedlot Water Quality Continuous Sign-up Grant Programs from July 1 to August 15, and a second round of sign-ups was held for the Feedlot Water Quality Grants. Based on Board Resolution #10-62 staff funded 54 SSTS applications and 18 feedlot applications. Keith Mykleseth asked how the funds are recommended. Dave stated that the applications are first come, first serve. Brian Napstad stated that there are going to be other governmental units looking at this; BWSR needs to give strong consideration to first come, first serve. Discussion. Acting Chair Brutlag stated that this needs to be reviewed by the Grants Program and Policy Committee, as more discussion is needed. Bob Burandt suggested setting deadlines as sign-up applications come in. Paul Langseth suggested that the allocation process set a

limit for regions to give other areas a chance to get things in as staff capacity is an issue. Discussion followed. John Jaschke stated the need to uniquely evaluate the imminent health threat issue as there are several variables that will be part of future policy discussion. Acting Chair Brutlag stated that this is an important topic to be addressed and appropriately scheduled for policy review by a BWSR committee.

Dave distributed the FY2011 Feedlot Water Quality Continuous Sign-Up Grants Map. This map represents all applications and funding.

John Jaschke distributed the revised version of the "BWSR Southern Minnesota Cost-Share Flood Relief Policy" and a copy of the Board Resolution. John reported that he received 18 signed Conflict of Declaration forms; he reviewed the signed documents, there are no declared conflicts of interest. Moved by Louise Smallidge, seconded by Paul Langseth, to authorize staff to enter into grant agreements, contracts, or easements, for projects and related work to accomplish the general and specific provisions of the Southern Minnesota Flood Relief Resolution and Policy. Discussion followed. Motion passed on a voice vote.

** 10-99

MNDOT-BWSR Wetland Replacement Program – Dave Weirens reported that BWSR and the Minnesota Department of Transportation (MNDOT) entered into an agreement in August 2005 to cooperatively manage wetland replacement responsibilities for wetland impacts as well as local and state public road projects. BWSR and MNDOT are entering into another five-year agreement to continue the successful partnership on the Wetland Replacement Program. Dave introduced Sarma Straumanis, Wetland Banking Specialist, and Dan Giralomo, Wetland Banking Administrator. Dave presented information on the accomplishments of this cooperative effort and where we plan on going in the next five years. John Jaschke stated that the U.S. Army Corps of Engineers (USACoE) adopted a national mitigation rule, and is now looking at a means for endorsement of this program under their new rule. A current two-year grace period allows BWSR to receive credit approval from USACoE. Acting Chair Brutlag thanked Dave for his report.

AGENCY REPORTS

Minnesota Department of Agriculture (MDA) – Rob Sip distributed a fact sheet on MDA 2010 Disaster Assistance.

Minnesota Department of Health (MDH) – Dan Wilson reported that MDH is in the recovery phase on flooded wells. MDH backs up the local responsibility in the recovery process on wells. Dan reported that free well testing is available until problems are cleaned up, which may be a number of months; the workload is manageable. Dan stated that the H1N1 pandemic is done; the recommendation is a flu vaccination.

DRAFT

Minnesota Department of Natural Resources (DNR) – Wayne Edgerton reported that DNR is working with BWSR on the Walk-in Hunting Program for hunter access in Minnesota. Wayne reported that $500,000 was appropriated to Minnesota to start the process in 18 counties. Larry Kramka reported that DNR has funding for flood buyouts, debris removal, technical assistance, and state parks public facility damage. Larry will attend a meeting on Friday to address the flood damage issues.

Minnesota Extension Service (MES) – Faye Sleeper reported on the successful Water Resources Conference. Faye explained that the conference formerly had two components; research and civil engineering. The conference is now combined into one very well attended conference, consulting and local government staff attending, providing a venue from research to implementation.

Minnesota Pollution Control Agency (MPCA) – Rebecca Flood reported that flood response is progressing well in the City of Faribault; the wastewater treatment plants are back on-line. Rebecca reported that stakeholder comments on MS4 general permit for cities, townships, and entities that have stormwater pipes have completed the involvement process, and are now responding on general permit on public notice. Rebecca reported that Doug Wetzstein has been named to replace Glenn Skuta as Rebecca's alternate on BWSR, representing MPCA.

ADVISORY COMMENTS

Minnesota Association of Soil and Water Conservation Districts (MASWCD) – LeAnn Buck invited board members to attend the MASWCD annual meeting December 5-7, at the Crowne Plaza in St. Paul. LeAnn stated that the Roundtable Session with AMC, MASWCD, and MAWD involved looking at policy issues. LeAnn stated that the National Association of Conservation Districts (NACD) is looking at early Farm Bill discussions, and the good infrastructure in Minnesota with SWCDs working on federal programs such as EQIP and WRP.

Minnesota Association of Townships (MAT) – Sandy Hooker invited board members to attend the MAT annual meeting, November 18-20, in Duluth at the DECC.

Minnesota Association of Watershed Districts (MAWD) – Ray Bohn invited board members to attend the MAWD annual meeting, December 2-4 in Alexandria. Ray stated that the local government Water Roundtable Session has been very useful; city involvement would be helpful. Ray stated that MAWD's legislative process is underway.

DRAFT

UPCOMING MEETINGS

- MAWD Annual Meeting, December 2-4, Alexandria
- MASWCD Annual Meeting, December 5-7, St. Paul
- AMC Annual Meeting, December 6-8, St. Cloud
- Next BWSR Board Meeting – December 15, 2010 in St. Paul

** 10-100 Moved by Louise Smallidge, seconded by Gordy Behm, to adjourn the meeting at 11:50 a.m. Motion passed on a voice vote.

Respectfully submitted,

Mary Jo Anderson
Recorder

DRAFT

Board of Water and Soil Resources
Grants Conflict of Interest Declaration

Meeting: FY2011 Clean Water Fund Competitive Grants **Date: December 15, 2010**

Policy 08-01: Grants Conflict of Interest Minnesota state agencies must work to deliberately avoid both actual and perceived conflicts of interest related to grant-making at both the individual and organizational levels. When a conflict of interest concerning state grant-making exists, transparency shall be the guiding principle in addressing it.

Grant Making Meeting Procedure
Meetings that are part of the grant making process will include an agenda item to identify and disclose actual or perceived conflicts of interest. During this agenda item, the chair of the meeting shall make a statement that defines what a conflict of interest is and a request that meeting participants disclose any actual or perceived conflicts. This statement is as follows:

Agenda Item: Conflicts of Interest Declaration.
Chair Statement: *"A conflict of interest whether actual or perceived occurs when someone in a position of trust has competing professional or personal interests and these competing interests make it difficult to fulfill professional duties impartially. At this time, members are requested to identify any potential conflicts of interest they may have regarding today's business."*

This form provides Board of Water and Soil Resources (BWSR) grant reviewers an opportunity to disclose any conflicts of interest, or potential for conflicts of interest that exist during a grant making process. It is the grant reviewer's obligation to be familiar with the Conflict of Interest Policy for State Grant-Making and to disclose any conflicts of interest. The grant reviewer is not required to explain the reason for the conflict of interest as this form is considered public data under Minn. Statute 13.599-Grants. **A disclosure does not automatically result in the grant application reviewer being removed from the review process.**

Please read the descriptions of conflict of interest below and mark the appropriate box that pertains to you and your status as a reviewer of this grant.

Descriptions of conflicts of interest: - A conflict of interest shall be deemed to exist when a review of the situation by the grant reviewer (or other agency personnel) determines any one of the following conditions to be present:

(a) A grant reviewer uses his/her status or position to obtain special advantage, benefit, or access to the grantee or grant applicant's time, services, facilities, equipment, supplies, badge, uniform, prestige, or influence.

(b) A grant reviewer receives or accepts money or anything else of value from a state grantee or grant applicant or has equity or a financial interest in or partial or whole ownership of an applicant organization.

(c) A grant reviewer is an employee of a grant applicant or is a family member of anyone involved in the grantee or grant applicant's agency.

(d) A grant reviewer is in a position to devise benefit by directly influencing a grant-making process to favor an organization the grant reviewer has an interest in.

- ☐ Based on the descriptions above, I do not have a conflict of interest.
- ☐ Based on the descriptions above, I have or may have an actual or perceived conflict of interest, which I am listing below. *(The grant reviewer should list the specific grant-making evaluation, recommendation, or allocation with which they may have a conflict of interest. The grant reviewer may describe the nature of the conflict in the space below, but this information is not required since this form is considered public information.)*

  _____
  _____
  _____
  _____
  _____

  (*continue below or on an attachment if needed*)

- ☐ Based on the descriptions above, I am unable to participate in this evaluation, recommendation or allocation process because of a conflict of interest.

If at any time during the grant-making process I discover a conflict of interest, I will disclose that conflict to the meeting chair immediately.

Name:_____

Signature:_____

All forms must be submitted to the lead staff for the meeting and filed with the meeting agenda by the BWSR Grant Coordinator upon completion.

Board of Water and Soil Resources
Grants Conflict of Interest Declaration

Meeting: FY2011 Clean Water Fund Shifting Authorization Date: December 15, 2010

Policy 08-01: Grants Conflict of Interest Minnesota state agencies must work to deliberately avoid both actual and perceived conflicts of interest related to grant-making at both the individual and organizational levels. When a conflict of interest concerning state grant-making exists, transparency shall be the guiding principle in addressing it.

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(b) A grant reviewer receives or accepts money or anything else of value from a state grantee or grant applicant or has equity or a financial interest in or partial or whole ownership of an applicant organization.

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  _____

  (*continue below or on an attachment if needed*)

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If at any time during the grant-making process I discover a conflict of interest, I will disclose that conflict to the meeting chair immediately.

Name:_____

Signature:_____

All forms must be submitted to the lead staff for the meeting and filed with the meeting agenda by the BWSR Grant Coordinator upon completion.

Board of Water and Soil Resources
Grants Conflict of Interest Declaration

Meeting: Lake Protection Water Plan Challenge Grant Program **Date: December 15, 2010**

Policy 08-01: Grants Conflict of Interest Minnesota state agencies must work to deliberately avoid both actual and perceived conflicts of interest related to grant-making at both the individual and organizational levels. When a conflict of interest concerning state grant-making exists, transparency shall be the guiding principle in addressing it.

Grant Making Meeting Procedure
Meetings that are part of the grant making process will include an agenda item to identify and disclose actual or perceived conflicts of interest. During this agenda item, the chair of the meeting shall make a statement that defines what a conflict of interest is and a request that meeting participants disclose any actual or perceived conflicts. This statement is as follows:

Agenda Item: Conflicts of Interest Declaration.
Chair Statement: *"A conflict of interest whether actual or perceived occurs when someone in a position of trust has competing professional or personal interests and these competing interests make it difficult to fulfill professional duties impartially. At this time, members are requested to identify any potential conflicts of interest they may have regarding today's business."*

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(b) A grant reviewer receives or accepts money or anything else of value from a state grantee or grant applicant or has equity or a financial interest in or partial or whole ownership of an applicant organization.

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  _____
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  _____

  (*continue below or on an attachment if needed*)

- ☐ Based on the descriptions above, I am unable to participate in this evaluation, recommendation or allocation process because of a conflict of interest.

If at any time during the grant-making process I discover a conflict of interest, I will disclose that conflict to the meeting chair immediately.

Name:_____

Signature:_____

All forms must be submitted to the lead staff for the meeting and filed with the meeting agenda by the BWSR Grant Coordinator upon completion.

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Dispute Resolution Committee Report

Meeting Date: December 15, 2010

Agenda Category: ☐ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☐ Decision ☐ Discussion ☒ Information

Section/Region: Land and Water Section

Contact: Travis Germundson

Prepared by: Travis Germundson

Reviewed by: _____ Committee(s)

Presented by: Travis Germundson

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED
None

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Dispute Resolution Committee Report. The report provides a monthly update on the number of appeals filed with the BWSR.

Dispute Resolution Report
November 24, 2010,
By: Travis Germundson

There are presently **13** appeals pending. All of the appeals involve WCA except File 10-10. There has been **1** new appeal filed since the last report dated October 27, 2010 (Board Meeting).

.

Format note: New appeals that have been filed since last report to the Board.
~~Appeals that have been decided since last report to the Board.~~

~~File 10-14 (11-08-10) This is an appeal of a restoration order in St. Louis County. The appeal regards the filling of approximately 49,155 square feet of wetland. The appeal has been denied because the request for appeal was not made within 30 days of receipt of the restoration order.~~

File 10-12 (8-27-10) This is an appeal of a restoration order in St. Louis County. The appeal regards the excavation and filling of approximately 43,394 square feet of wetland and the construction of over 1,000 feet of drainage ditches. The appeal has been placed in abeyance and the restoration order stayed to allow the LGU to respond to the data practices request and for the TEP to convene and develop written findings. *The appellant has recently applied for an after-the-fact wetland application to retain the open water areas on the site.*

File 10-10 (6-10-10) This is an appeal filed under Minn. Stat. 103D.535 regarding an order of the managers of the Wild Rice Watershed District not to go forward with the Upper Becker Dam Enhancement Project as proposed. Appeals filed under 103D.535 require that the Board follow the Administrative Procedures Act. The Act requires that the hearing be conducted by an Administrative Laws Judge through the Office of Administrative Hearings. *The appeal has been placed in abeyance pending settlement discussions.*

File 10-7 (2-19-10) This is an appeal of a restoration order in Stearns County. The appeal regards draining and filling impacts to approximately 18.44 acres of Type2/3 wetland and 3.06 acres of Type 2 wetland. The appeal has been placed in abeyance and the restoration order stayed for submittal of "as built" or project information pertaining to a public drainage system.

File 10-3 (2-1-10) This is an appeal of a restoration order in Stearns County. The appeal regards the placement of agricultural drain tile and the straightening and rerouting of a county ditch that resulted in over 12 acres of wetland impacts. The appellant has granted BWSR additional time to make a decision on the appeal. No decision has been made on the appeal.
File 09-22 (10-02-09) This is an appeal of a restoration order in Carlton County. The appeal regards three separate investigation areas encompassing over 18 acres of wetland

impacts from excavation, filling, and ditching. The replacement order has been stayed and the appeal has been placed in abeyance pending further technical work and for submittal of complete wetland replacement plan, exemption, or no-loss application.

File 09-13 (8-20-09) This is an appeal of an exemption decision in Otter Tail County. The appeal regard the denial of an exemption request for agricultural/drainage actives. A previous denial of the same exemption decision had been appealed (File 09-6). The appeal was remanded for further technical evaluation and a hearing, and now the current denial has been appealed. The appeal has been granted. A pre hearing conference convened on November 12, 2009. At which time parties agreed to hold off scheduling written briefs until the petition before NRCS is concluded.

File 09-10 (7-9-09) This is an appeal of a banking plan application in Aitkin County. The appeal regards the LGU's denial of a banking plan application to restore 427.5 acres of wetlands through the use of exceptional natural resource value. The appeal has been accepted and pre-hearing conferences convened on October 13 and 30, and December 14, 2009. Settlement discussions are on hold while the appellant addresses permitting issues with the Corps of Engineers.

File 09-3 (2-20-09) This is an appeal of a replacement plan decision in Anoka County. The appeal regards the approval of a wetland replacement plan for 11,919 square feet of impacts associated with a residential development. The appeal has been placed in abeyance and the replacement plan decision stayed for submittal of a revised replacement plan application. The three owners are also in the process of splitting up the property.

File 08-9. (03/06/08) This is an appeal of a replacement order in Pine County. The appeal regards impacts to approximately 11.26 acres of wetland. The replacement order has been stayed and the appeal has been placed in abeyance pending disposition with the U.S. Dept of Justice.

File 08-4. (01/24/08) This is an appeal of no-loss and exemption decisions in Waseca County. In addition to the no-loss decision, at issue are denials of the agricultural exemption, approved development exemption, incidental wetland exemption, and claims of numerous procedural issues that were prejudicial to the applicants. The mandamus action regarding Minn. Stat. § 15.99 (60-day rule) is complete and the temporary injunction lifted. The timeline for the remand has been extended several times and most recently for the duration of the September 9, 2010 Monitoring Agreement.

File 06-23. (05/19/06) This is an appeal of a replacement plan decision in Kanabec County. The LGU denied the wetland replacement plan application. A previous denial of

the same replacement plan application had been appealed, the appeal was remanded for a hearing, and now the current denial has been appealed. The appeal has been placed in abeyance pending the outcome of a lawsuit between the landowner and the county. The lawsuit concerns the county's possible noncompliance with the 60-day rule. The county prevailed in district court; however the decision was appealed to the Court of Appeals where the county again prevailed. An appeal to the Minnesota Supreme Court was denied review. It is likely the appeal will soon be placed on the calendar for DRC proceedings.

File 06-17. (05/27/06) This is an appeal of a replacement plan decision in the City of Montgomery in LeSueur County. The LGU denied an after-the-fact wetland replacement plan application based on a lack of sufficient reasons why the restoration could not be completed. The appeal was been remanded for further processing at the local level. The City of Montgomery has gradually been working on removing the debris and restoring the wetland in accordance with MPCA requirements.

File 05-1. (01/13/05) This is an appeal of a replacement plan decision by the Rice Creek Watershed District. The District previously made a decision that was appealed which resulted in a remand for an expanded TEP. Now there is an appeal of the decision made under remand since the decision differed from the TEP report. At issue are wetland delineation and the Comprehensive Wetland Protection and Management Plan that BWSR approved. After a hearing before the DRC, the board remanded the matter for new wetland delineation and for submission on an updated, complete replacement plan application. On 12-9-09 the District made a new wetland delineation decision. The applicant has not yet submitted an updated replacement plan application.

Draft Summary Table

Type of Decision	Total for Calendar Year 2009	Total for Calendar Year 2010
Order in favor of appellant		2
Order not in favor of appellant	10	5
Order Modified	1	
Order Remanded	4	
Order Place Appeal in Abeyance	3	4
Negotiated Settlement		1
Withdrawn/Dismissed	9	1

COMMITTEE RECOMMENDATIONS

Metro Water Planning Committee

1. Public Hearing on Petition for Redistribution of Managers of the Lower Minnesota River Watershed District – Jim Haertel - ***DECISION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **Lower MN River WD Redistribution of Managers**

Meeting Date: December 15, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☐ Decision ☐ Discussion ☐ Information

Section/Region: Metro Region

Contact: Jim Haertel

Prepared by: Jim Haertel

Reviewed by: Metro Water Planning Committee(s)

Presented by: Jim Haertel

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☒ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Order public hearing to be presided over by the Metro Water Planning Committee on the Petition for Redistribution of Managers of the Lower MN River WD.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

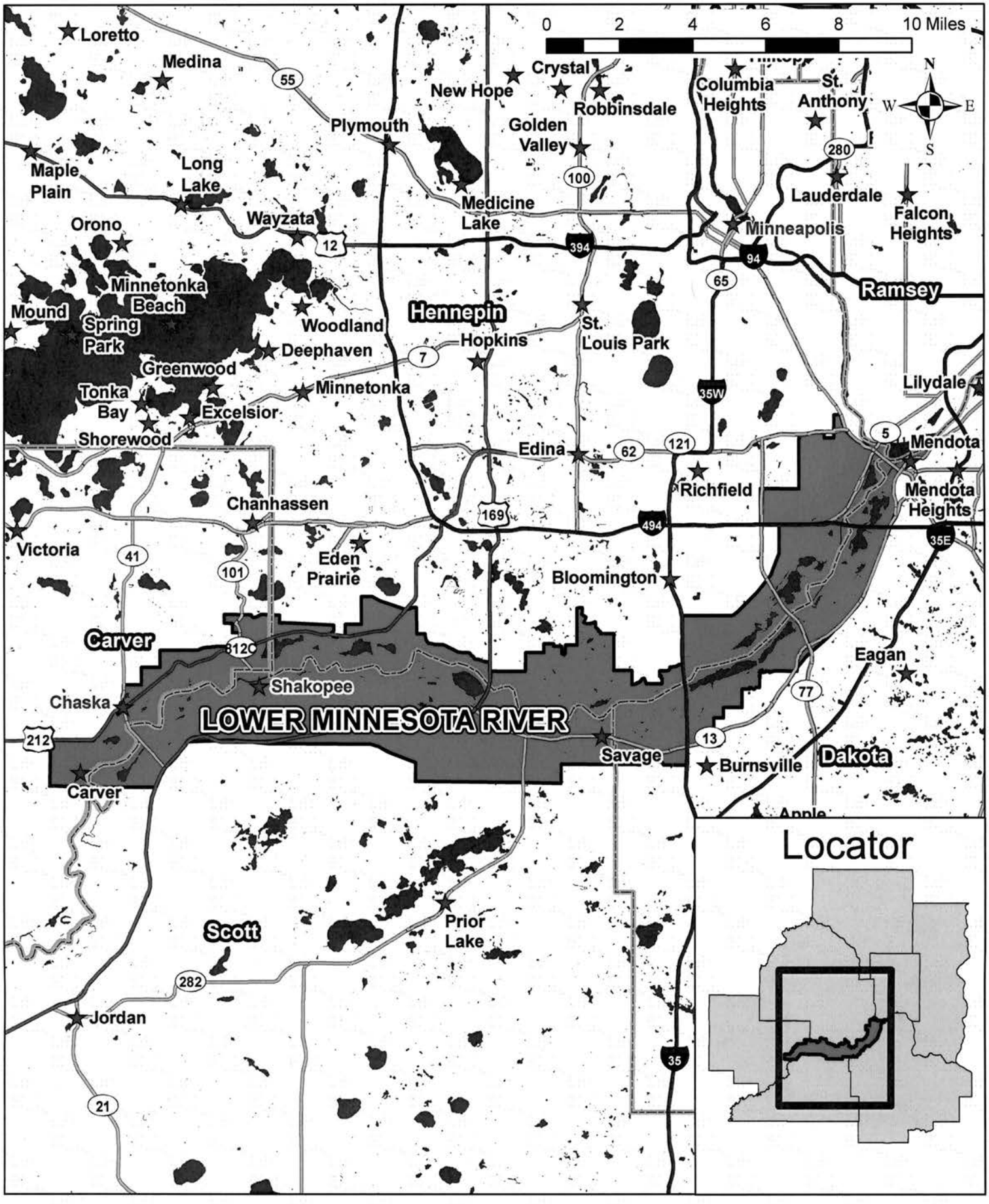
The Scott County Board of Commissioners submitted a petition to redistribute the managers of the Lower Minnesota River Watershed District. The petition was filed pursuant to Minn. Stat. § 103D.301. The Scott County Board of Commissioners has proper standing to file the petition under Minn. Stat. § 103D.301, subd. 3, item a. Minn. Stat. § 103D.301, subd. 3, item a requires the BWSR Board to hold a public hearing and, after a public hearing has been held, make a decision on the petition.

The Lower Minnesota River Watershed District is comprised of parts of four counties. The District has five managers currently distributed as follows: two managers from Hennepin County and one manager each from Carver, Dakota and Scott Counties. The petition requests the distribution be changed from one manager from Scott County to two managers from Scott County. No increase in the number of managers has been petitioned for.

Minn. Stat. § 103D.105 allows the Board to proceed without holding a public hearing on a petition such as this if the Board determines the petition is noncontroversial. Because no increase in the number of managers is being sought by Scott County, one or more of the remaining three counties will likely oppose any lose of manager representation.

Staff recommended a public hearing be held because the petition does not meet the "noncontroversial" threshold set forth in Minn. Stat. § 103D.105. At the Metro Water Planning Committee meeting held on November 17, 2010, the Committee unanimously decided to recommend to the full BWSR Board that a public hearing be held and that the hearing be presided over by the Metro Water Planning Committee per the attached draft Order.

Lower Minnesota River Watershed District



Minnesota Board of Water and Soil Resources
520 Lafayette Road North
Saint Paul, MN 55155

In the Matter of the Petition for Redistribution of Managers of the Lower Minnesota River Watershed District, pursuant to Minnesota Statutes Section 103D.301.

ORDER FOR WATERSHED DISTRICT REDISTRIBUTION OF MANAGERS PUBLIC HEARING

Whereas, the Scott County Board of Commissioners (Scott County) filed a petition (Petition) dated October 5, 2010 with the Board on October 12, 2010 to redistribute the managers of the Lower Minnesota River Watershed District (LMRWD), pursuant to Minn. Stat. § 103D.301, and;

Whereas, the Board has reviewed the Petition;

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order.

FINDINGS OF FACT

1. On October 12, 2010 the Board received a Petition from Scott County to redistribute the managers of the LMRWD pursuant to Minn. Stat. §103D.301.

2. Staff has determined that a valid Petition exists pursuant to Minn. Stat. § 103D.301, subd. 3.

3. Minn. Stat. § 103D.301, subd. 3, item a requires a public hearing to be held by the Board.

4. The Board's Metropolitan Water Planning Committee should preside over the hearing and bring recommendations to the Board after the public hearing has been held.

5. The Executive Director should determine the date, time and location of the hearing after coordinating with the appropriate parties.

6. The Board's Metro Water Planning Committee met on November 17, 2010, to review and discuss holding a public hearing on the Petition. Those in attendance from the Board's Committee were Christy Jo Fogarty, Faye Sleeper, Louise Smallidge, LuAnn Tolliver, Doug Wetzstein and Robert Burandt as chair. Board staff in attendance were Metro Region Supervisor Jim Haertel and Board Conservationist Brad Wozney. Board staff recommended ordering a public hearing on the Petition to be presided over by the Metro Water Planning

Committee. After discussion, the Committee unanimously voted to recommend to the full Board that a public hearing be held on the Petition and that the Metro Water Planning Committee preside over the public hearing.

CONCLUSIONS

1. The Petition for redistribution of managers of the Lower Minnesota River Watershed District is valid in accordance with Minn. Stat. § 103D.301.

2. All relevant, substantive and procedural requirements of law and rule have been fulfilled.

3. The Board has proper jurisdiction in the matter of ordering a public hearing to determine whether the proposed redistribution of managers would be in accordance with the policy and purpose of Minnesota Statutes Chapter 103D.

4. The Board's Metropolitan Water Planning Committee should preside over the public hearing and bring recommendations on the Petition to the Board after the public hearing has been held.

5. The Executive Director should make a decision on the date, time and location of the public hearing after coordinating with the appropriate parties.

ORDER

The Board hereby orders a public hearing be held on the Petition for redistribution of managers of the Lower Minnesota River Watershed District to be presided over by the Board's Metropolitan Water Planning Committee at a date, time and location to be determined by the Executive Director after proper legal notice of the public hearing has been given.

Dated at Saint Paul, Minnesota this 15th day of December, 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

By: _____
Brian Napstad, Chair

COMMITTEE RECOMMENDATIONS

Southern Water Planning Committee

1. Fillmore County Local Water Management Plan Amendment – Paul Langseth – ***DECISION ITEM***

2. Le Sueur County Local Water Management Plan Amendment – Paul Langseth - ***DECISION ITEM***

3. Redwood County Local Water Management Plan Amendment - Paul Langseth - ***DECISION ITEM***

4. Olmsted County Comprehensive Local Water Management Plan Extension – Paul Langseth – ***DECISION ITEM***

5. Winona County Comprehensive Local Water Management Plan Extension – Paul Langseth – ***DECISION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **Fillmore County CLWM Plan Amendment**

Meeting Date: December 15, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business
Item Type: ☒ Decision ☐ Discussion ☐ Information
Section/Region: Southern Region
Contact: Jeff Nielsen
Prepared by: Carla Swanson-Cullen
Reviewed by: Southern Water Planning Committee(s)
Presented by: Paul Langseth

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested
☐ Other:

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

ACTION REQUESTED
Approval of the 2010 Amendment to the Fillmore County Comprehensive Local Water Management Plan.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
The December 14, 2005, Board Order approving the ten-year Fillmore County Comprehensive Local Water Management Plan (Plan) required a reivew and update of the implementation plan by the end of 2010. Fillmore County has completed the update following the guidelines established by the Board and is in conformance with M.S. Section 103B.314, Subl. 6, relating to amendments of local water management plans. Fillmore County will be required to provide for a complete update of its Plan prior to December 31, 2015.

Minnesota Board of Water & Soil Resources

DATE: October 21, 2010

TO: Jeff Nielsen, BWSR Southern Regional Supervisor

FROM: David Peterson, BWSR Board Conservationist

SUBJECT: Fillmore County Local Water Management Plan Amendment – Final Review

On December 14, 2005, the Board of Water and Soil Resources (BWSR), by Board order, approved the Fillmore County 2006 – 2015 ten-year Comprehensive Local Water Plan Update. The Plan contained an implementation section with goals, objectives and action steps covering a five-year period, 2006-2010. The Board stipulated that Fillmore County was required to revise/update this implementation section by December 31, 2010.

On December 22, 2009, the Fillmore County Board of Commissioners resolved to amend its five-year implementation section as directed by BWSR. The county followed the process for amending as described within the Comprehensive Local Water Management guidance document developed by BWSR.

On July 30, 2010, the BWSR regional staff received the required documentation and 2010 Amendment to the Fillmore County Comprehensive Local Water Plan. The 2010 Amendment contains an Executive Summary and the new January 2011-December 2015 implementation section. The implementation section addresses the following priority concerns:

- Soil Erosion and Runoff
- Drinking Water and Source Water Protection
- Human Sewage Treatment
- Sinkholes and Karst
- Fertilizer and Pesticide Use
- Feedlots and Manure Management

BWSR staff members have actively participated with and provided guidance, comments, advice and recommendations to Fillmore County and the task force throughout this amendment process. I believe the new five-year implementation section is in conformance with the requirements of Minnesota Statute 103B and guidance developed by BWSR. I recommend approval of the Fillmore County January 2011-December 2015 Implementation Program Amendment. Finally, the staff of the BWSR looks forward to assisting the county in the implementation of this revision of their Local Water Management Plan. Water Plan Coordinator Joe Magee should be commended for his leadership in the plan amendment process.

Bemidji
3217 Bemidji Avenue N.
Bemidji, MN 56601
phone (218) 755-4235
fax (218) 755-4201

Brainerd
217 S. 7th Street
Suite 202
Brainerd, MN 56401
phone (218) 828-2383
fax (218) 828-6036

Duluth
394 S. Lake Avenue
Room 403
Duluth, MN 55802
phone (218) 723-4752
fax (218) 723-4794

Fergus Falls
1004 Frontier Drive
Fergus Falls, MN 56537
phone (218) 736-5445
fax (218) 736-7215

Marshall
1400 E. Lyon Street
Box 267
Marshall, MN 56258
phone (507) 537-6060
fax (507) 537-6368

New Ulm
261 Highway 15 S.
New Ulm, MN 56073
phone (507) 359-6074
fax (507) 359-6018

Rochester
2300 Silver Creek
Road N.E.
Rochester, MN 55906
phone (507) 280-2874
fax (507) 285-7144

Saint Paul
520 Lafayette Road N.
Saint Paul, MN 55155
phone (651) 296-3767
fax (651) 297-5615

Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of Reviewing the Local Water Management Plan Amendment for **Fillmore County** (Minnesota Statutes, Section 103B.314, Subdivision 6)

ORDER APPROVING LOCAL WATER MANAGEMENT PLAN AMENDMENT

Whereas, on December 14, 2005, the Minnesota Board of Water and Soil Resources (Board), by Board Order, approved the Fillmore County 2006 – 2015 Comprehensive Local Water Plan Update (Plan), which contained a 2006 – 2010 five-year implementation section; and

Whereas, this Board Order stipulated that Fillmore County was required to update the implementation section by December 31, 2010; and

Whereas, the Fillmore County Board of Commissioners submitted the Fillmore County Plan 2010 Amendment to the Board on July 30, 2010; and

Whereas, this 2010 Amendment contains the updated five-year implementation section as ordered by the Board; and

Whereas, the Board has completed its review of the 2010 Amendment.

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order:

FINDINGS OF FACT

1. On December 22, 2009, the Board received a resolution from Fillmore County stating its intent to amend its current Plan by providing for the required update of the five-year implementation section, pursuant to M.S. Section 103B.314, Subd. 6.
2. On September 8, 2009, Board staff provided information on the amendment process to Fillmore County.
3. On October 27, 2009, Fillmore County convened its water plan task force to initiate the five-year implementation section update.
4. On December 22, 2009, Fillmore County provided proper notice to local units of government and state agencies of the county's intent to amend its five-year implementation section and invited all recipients to participate in the amendment process.
5. Fillmore County received written comments from the Minnesota Pollution Control Agency, Minnesota Department of Natural Resources, Minnesota Board of Water and Soil Resources, Root River Soil and Water Conservation District, Minnesota Department of Agriculture and Minnesota Department of Health.
6. No other state agency or local government unit provided written comments to Fillmore County.
7. The final document developed by Fillmore County, which includes the revised five-year implementation section January 2011 – December 2015 is entitled the Fillmore County Comprehensive Local Water Management Plan 2006-2015 (Amended 2010).

8. On March 4, 2010, the Southern Water Planning Committee approved the Fillmore County Water Plan Amendment contingent upon Fillmore County approval, holding a public hearing, and receiving BWSR staff approval.
9. On July 13, 2010, after providing for proper public notice, Fillmore County conducted a public hearing on the proposed 2010 Amendment. No comments were received from the public.
10. On July 20, 2010, the BWSR received the Fillmore County 2010 Amendment, a record of the public hearing, and copies of all written comments pertaining to the 2010 Amendment, pursuant to M.S. Section 103B.314, Subd. 6.
11. Board regional staff provided its recommendation of approval to the Committee.
12. This 2010 Amendment will be in effect until **December 31, 2015.**

CONCLUSIONS

1. All relevant requirements of law have been fulfilled. The Board has proper jurisdiction in the matter of approving a Comprehensive Water Plan Amendment of Fillmore County pursuant to Minnesota Statutes, 103B.314, Subd. 6.

2. The Fillmore County 2010 Amendment attached to this Order states goals, objectives, and actions the county will address in the five-year implementation section January 2011 – December 2015. The 2010 Amendment, as well as the previously approved Fillmore County 2006 – 2015 Comprehensive Local Water Plan Update, is in conformance with the requirements of M.S. Section 103B.301.

ORDER

The Board hereby approves the attached 2010 Amendment of the Fillmore County Water Management Plan for January 1, 2011 – December 31, 2015. Fillmore County will be required to provide for a complete update of its Water Management Plan prior to December 31, 2015.

Dated at St. Paul, Minnesota, this **15th day of December 2010**.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Brian Napstad, Chair

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: LeSueur County CLWM Plan Amendment

Meeting Date: December 15, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Southern Region

Contact: Jeff Nielsen, Southern Regional Supervisor

Prepared by: Thomas Fischer, Board Conservationist

Reviewed by: Southern Water Planning Committee Committee(s)

Presented by: Paul Langseth

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Approval of the LeSueur County Comprehensive Local Water Management Plan Amendment.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

By Board Order, the Board of Water and Soil Resources (Board) approved the Le Sueur County 2006 - 2015 Comprehensive Local Water Management Plan (Plan)on December 13, 2006. This Plan contains an implementation section with goals, objectives and actions to address the county's priority concerns. The Board Order required Le Sueur County to update the Plan's implementation section by December 31, 2010. Le Sueur County followed the amendment process guidelines established by the Board and submitted their 2011 - 2015 Local Water Management Plan Addendum on September 7, 2010. The Board's Southern Water Planning Review Committee (Committee) met on November 4, 2010 to review the Le Sueur County Plan Addendum. The Committee recommends approval of the Le Sueur County 2011 - 2015 Local Water Management Plan Addendum.

Minnesota Board of Water & Soil Resources

DATE: October 19, 2010

TO: Jeff Nielsen, Southern Regional Supervisor

FROM: Thomas Fischer, Board Conservationist TOM

SUBJECT: Le Sueur County Local Water Management Plan Addendum – Final Review

On December 13, 2006, the Board of Water and Soil Resources (Board), by Board Order, approved the Le Sueur County (County) 2006 – 2015 Comprehensive Local Water Plan Update (Plan) with an end date of December 31, 2015. This Plan contains an implementation section with goals, objectives and actions to address the County's identified priority concerns. The Board Order requires the County to update the implementation section (goals, objectives and actions) by December 31, 2010.

On January 12, 2010, the Le Sueur County Board of Commissioners resolved to amend (update) its Plan's implementation section as required by the Board Order. This County resolution was submitted to and received by BWSR on January 25, 2010. County staff followed the process for amending as described within the Comprehensive Local Water Management guidance document developed by the Board.

On September 7, 2010, the Board received the Le Sueur County 2006 – 2015 Local Water Management Plan Addendum (Plan Addendum) as well as other required documentation. The Addendum contains: an Executive Summary (with information on the accomplishments achieved during 2006 – 2010, funding sources utilized, and brief discussion of ongoing programs); an implementation section with goals, objectives and actions addressing the priority concerns; and an estimated cost summary to implement the Plan Addendum. The priority concerns are:

- Impaired waters/total maximum daily loads
- Wastewater treatment
- Stormwater management
- Protection of undeveloped shoreline
- Drinking water protection
- Agricultural drainage management
- Minimize environmental risks of agricultural impacts to water resources

(continued)

Bemidji
701 Minnesota Avenue
Suite 234
Bemidji, MN 56601
phone (218) 755-4235
fax (218) 755-4201

Brainerd
1601 Minnesota Drive
Brainerd, MN 56401
phone (218) 828-2383
fax (218) 828-6036

Duluth
394 S. Lake Avenue
Room 403
Duluth, MN 55802
phone (218) 723-4752
fax (218) 723-4794

Fergus Falls
1004 Frontier Trail
Fergus Falls, MN 56537
phone (218) 736-5445
fax (218) 736-7215

Marshall
1400 E. Lyon Street
Box 267
Marshall, MN 56258
phone (507) 537-6060
fax (507) 537-6368

New Ulm
261 Highway 15 S.
New Ulm, MN 56073
phone (507) 359-6074
fax (507) 359-6018

Rochester
2300 Silver Creek
Road N.E.
Rochester, MN 55906
phone (507) 281-7797
fax (507) 285-7144

Saint Paul
520 Lafayette Road N.
Saint Paul, MN 55155
phone (651) 296-3767
fax (651) 297-5615

I have participated with and provided guidance, comments, advice and recommendations to the County and its Water Management Advisory Taskforce throughout the amendment process.

I believe the Le Sueur County 2011 – 2015 Local Water Management Plan Addendum is in conformance with the requirements of Minnesota Statutes 103B and guidance developed by the Board.

I recommend approval of the Le Sueur County 2011 – 2015 Local Water Management Plan Addendum.

Le Sueur County water plan staff and the Water Management Planning Taskforce are to be commended for their efforts throughout the plan amendment process. I look forward to assisting Le Sueur County, Le Sueur Soil and Water Conservation District, and their various partners with implementation of the Plan Addendum.

Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of Reviewing the Local Water Management Plan Amendment for **Le Sueur County** (Minnesota Statutes, Section 103B.314, Subdivision 6)

ORDER APPROVING LOCAL WATER MANAGEMENT PLAN AMENDMENT

Whereas, on December 13, 2006, the Minnesota Board of Water and Soil Resources (Board), by Board Order, approved the Le Sueur County 2006 – 2015 Comprehensive Local Water Plan Update (Plan); and

Whereas, this Board Order stipulated that Le Sueur County was required to update the implementation section (Goals, Objectives and Actions) of the Plan by December 31, 2010; and

Whereas, the Le Sueur County Board of Commissioners submitted the Le Sueur County Plan 2010 Addendum (Amendment) to the Board on September 7, 2010; and

Whereas, this 2010 Addendum contains the updated five-year (2011 – 2015) implementation section as ordered by the Board; and

Whereas, the Board has completed its review of the 2010 Addendum.

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order:

FINDINGS OF FACT

1. On December 12, 2009, Board staff met with Le Sueur County to discuss the amendment process.

2. On January 25, 2010, the Board received a resolution from Le Sueur County stating its intent to amend its current Plan by providing for the required update of the five-year implementation section, pursuant to M.S., Section 103B.314, Subd. 6.

3. On March 12, 2010, and March 17, 2010, Le Sueur County provided proper notice to local government units of the county's intent to amend its five-year implementation section and invited all recipients to participate in the amendment process.

4. On March 17, 2010, Le Sueur County provided proper notice to state agencies of the county's intent to amend its five-year implementation section and invited all recipients to participate in the amendment process.

5. From March through July of 2010, Le Sueur County received written comments from several local government units as well as members of the water plan task force.

6. On March 31, 2010, Board staff provided written information and guidance on the amendment process to Le Sueur County.

7. On April 9, 2010, Le Sueur County received written comments from the Minnesota Department of Natural Resources.

8. On April 13, 2010, Le Sueur County received written comments from the Minnesota Pollution Control Agency.

9. On April 14, 2010 and June 29, 2010, Le Sueur County convened water plan task force meetings to amend the five-year implementation section.

10. On July 14, 2010, Le Sueur County provided written notification to local government units and state agencies of the public hearing scheduled for July 27, 2010, and distributed a copy of the Plan Amendment inviting them to review and provide written comments.

11. On July 17, 2010, Le Sueur County provided written communication to local government units and state agencies informing them of the specific Internet web-address of the Plan Amendment.

12. On July 26, 2010, BWSR staff provided written comments to Le Sueur County regarding the proposed 2010 Amendment.

13. On July 27, 2010, after providing for proper public notice, Le Sueur County conducted a public hearing on the proposed 2010 Amendment. No additional comments were submitted at the hearing.

14. On July 27, 2010, Le Sueur County received written comments from a local government unit.

15. On July 30, 2010, Le Sueur County provided written communication to local government units and state agencies asking that any final comments be submitted by August 10, 2010.

16. On August 10, 2010, Le Sueur County received written comments from Minnesota Department of Health.

17. On August 10, 24 and 26 of 2010, Le Sueur County received written comments from the Minnesota Department of Natural Resources

18. On August 19, 2010, Le Sueur County convened a water plan task force meeting to review written comments and finalize the 2010 Addendum.

19. On September 7, 2010, the Board received the Le Sueur County 2010 Addendum, a record of the public hearing, and copies of all written comments pertaining to the 2010 Addendum, pursuant to M.S. Section 103B.314, Subd. 6.

20. On November 4, 2010, the Board's Southern Water Planning Committee (Committee) met with representatives of Le Sueur County to review the Le Sueur County 2010 Addendum, pursuant to 103B.301 and guidelines established by the Board. Board regional staff provided its recommendation of approval to the Committee. The Committee voted to recommend approval to the full Board at its next scheduled meeting.

21. With Board approval, the Le Sueur County 2010 Amendment will be in effect until **December 31, 2015.**

CONCLUSIONS

1. All relevant requirements of law have been fulfilled. The Board has proper jurisdiction in the matter of approving a Comprehensive Water Plan Amendment of Le Sueur County pursuant to M. S., Section 103B.314, Subd. 6.

2. The Le Sueur County 2010 Addendum attached to this Order states implementation section goals, objectives, and actions the county will address in January 2011 – December 2015. The 2010 Addendum, as well as the previously approved Le Sueur County 2006 – 2015 Comprehensive Local Water Plan Update, is in conformance with the requirements of M.S., Section 103B.301.

ORDER

The Board hereby approves the attached 2010 Addendum of the Le Sueur County Water Management Plan for January 2006 – December 31, 2015. Le Sueur County will be required to provide for a complete update of its Water Management Plan prior to December 31, 2015.

Dated at St. Paul, Minnesota, this **15th day of December 2010**.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Brian Napstad, Chair

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Redwood County Water Plan Amendment

Meeting Date: December 15, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Southern Region

Contact: Jeff Nielsen

Prepared by: Mark Hiles

Reviewed by: Southern Water Planning Review Committee(s)

Presented by: Paul Langseth

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☒ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Decision

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Redwood County Local Water Management Plan Amendment

By Board Order, the Board of Water and Soil Resources (Board) approved the Redwood County Comprehensive Local Water Plan (Plan) on December 14, 2005. This Plan covered a ten-year period of 2006–2016 and contained a 2006–2011 five-year implementation section. Board Order stipulated that the County was required to revise/update the implementation section by January 1, 2011. Following the guidelines established by the Board, Redwood County has completed the local water management plan amendment process and submitted their 2010 Plan Amendment. The Board's Southern Water Planning Committee met on November 4, 2010 to review the County's 2010 Amendment. This committee will provide its recommendation to the Board on December 15, 2010.

Minnesota Board of Water & Soil Resources

DATE: October 14, 2010

TO: Jeff Nielsen, BWSR Southern Regional Supervisor

FROM: Mark L. Hiles, BWSR Board Conservationist

SUBJECT: Redwood County Local Water Management Plan Amendment – Final Review

On December 14, 2005, the Board of Water and Soil Resources (BWSR), by Board order, approved the Redwood County 2006 – 2016 ten-year Comprehensive Local Water Plan Update. The Plan contained an implementation section with goals, objectives and action steps covering a five-year period 2006 - 2011. The Board stipulated that Redwood County was required to revise / update this implementation section by January 1, 2011.

On March 16, 2010, the Redwood County Board of Commissioners resolved to amend its five-year implementation section as directed by BWSR. The county followed the process for amending as described within the Comprehensive Local Water Management guidance document developed by BWSR.

On September 16, 2010, the BWSR regional staff received the required documentation and 2010 Amendment to the Redwood County Comprehensive Local Water Plan. The 2010 Amendment contains an Executive Summary and the new January 2011- January 2016 implementation section. The implementation section addresses the following priority concerns:

- Groundwater Protection that will focus on wellhead protection for public water supply
- Drainage Management focusing on wetland restorations and floodwater retention opportunities
- Surface Water Quality addressing impaired waters by major watershed for priority pollutants
- Erosion and Sediment Control focusing on residue management county-wide, and gully concentrated flow areas in the southwest portion of Redwood County

I have actively participated with and provided guidance/comments/advice/recommendations to Redwood County and the task force throughout this amendment process. I believe the new five-year implementation section is in conformance with the requirements of Minnesota Statute 103B and guidance developed by BWSR. I recommend approval of the Redwood County January 2011-January 2016 Implementation Program Amendment. Finally, I look forward to assisting the county in the implementation of this revision of their Local Water Management Plan. Water Plan Coordinator Marilyn Bernhardson should be commended for her leadership throughout the plan amendment process.

Bemidji
3217 Bemidji Avenue N.
Bemidji, MN 56601
phone (218) 755-4235
fax (218) 755-4201

Brainerd
217 S. 7th Street
Suite 202
Brainerd, MN 56401
phone (218) 828-2383
fax (218) 828-6036

Duluth
394 S. Lake Avenue
Room 403
Duluth, MN 55802
phone (218) 723-4752
fax (218) 723-4794

Fergus Falls
1004 Frontier Drive
Fergus Falls, MN 56537
phone (218) 736-5445
fax (218) 736-7215

Marshall
1400 E. Lyon Street
Box 267
Marshall, MN 56258
phone (507) 537-6060
fax (507) 537-6368

New Ulm
261 Highway 15 S.
New Ulm, MN 56073
phone (507) 359-6074
fax (507) 359-6018

Rochester
2300 Silver Creek
Road N.E.
Rochester, MN 55906
phone (507) 280-2874
fax (507) 285-7144

Saint Paul
520 Lafayette Road N.
Saint Paul, MN 55155
phone (651) 296-3767
fax (651) 297-5615

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Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of Reviewing the Local Water Management Plan Amendment for **Redwood County** (Minnesota Statutes, Section 103B.314, Subdivision 6)

ORDER APPROVING LOCAL WATER MANAGEMENT PLAN AMENDMENT

Whereas, on December 14, 2005, the Minnesota Board of Water and Soil Resources (Board), by Board Order, approved the Redwood County 2006 – 2016 Comprehensive Local Water Plan Update (Plan), which contained a 2006 – 2011 five-year implementation section; and

Whereas, this Board Order stipulated that Redwood County was required to update the implementation section by January 1, 2011; and

Whereas, the Redwood County Board of Commissioners submitted the Redwood County Plan 2010 Amendment to the Board on September 16, 2010; and

Whereas, this 2010 Amendment contains the updated five-year implementation section as ordered by the Board; and

Whereas, the Board has completed its review of the 2010 Amendment.

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order:

FINDINGS OF FACT

1. On March 23, 2010, the Board received a resolution from Redwood County stating its intent to amend its current Plan by providing for the required update of the five-year implementation section, pursuant to M.S. Section 103B.314, Subd. 6.

2. On March 26, 2010 and June 30, 2010 Board staff provided information on the amendment process to Redwood County.

3. On March 31, 2010, Redwood County provided proper notice to local units of government and state agencies of the county's intent to amend its five-year implementation section and invited all recipients to participate in the amendment process.

4. On April 26, 2010, Redwood County convened its water plan task force to initiate the five-year implementation section update.

5. Redwood County received written comments from the Minnesota Department of Agriculture, the Minnesota Pollution Control Agency, the Minnesota Department of Natural Resources, Minnesota Department of Health and the Minnesota Board of Water and Soil Resources. Redwood County also received written comments from Area II.

6. No other state agency or local government unit provided written comments to Redwood County.

7. The final document developed by Redwood County, which includes the revised five-year implementation section January 2011 – December 2015 is entitled the 2010 Amendment.

8. On September 7, 2010, after providing for proper public notice, Redwood County conducted a public hearing on the proposed 2010 Amendment. No additional comments were submitted at the hearing.

9. On September 16, 2010, the BWSR received the Redwood County 2010 Amendment, a record of the public hearing, and copies of all written comments pertaining to the 2010 Amendment, pursuant to M.S. Section 103B.314, Subd. 6.

10. On November 4, 2010, the Board's Southern Water Planning Committee (Committee) reviewed the Redwood County 2010 Amendment, pursuant to 103B.301 and guidelines established by the Board.

11. Board regional staff provided its recommendation of approval to the Committee.

12. The Committee voted to recommend approval to the full Board at its next scheduled meeting.

13. This 2010 Amendment will be in effect until **January 1, 2016.**

CONCLUSIONS

1. All relevant requirements of law have been fulfilled. The Board has proper jurisdiction in the matter of approving a Comprehensive Water Plan Amendment of Redwood County pursuant to Minnesota Statutes, 103B.314, Subd. 6.

2. The Redwood County 2010 Amendment attached to this Order states goals, objectives, and actions the County will address in the five-year implementation section January 2011 – January 2016. The 2010 Amendment, as well as the previously approved Redwood County 2006 – 2016 Comprehensive Local Water Plan Update, is in conformance with the requirements of M.S. Section 103B.301.

ORDER

The Board hereby approves the attached 2010 Amendment of the Redwood County Water Management Plan for January 1, 2011 – January 1, 2016. Redwood County will be required to provide for a complete update of its Water Management Plan prior to January 1, 2016.

Dated at St. Paul, Minnesota, this **15th day of December 2010**.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Brian Napstad, Chair

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Olmsted County CLWM Plan Extension

Meeting Date: December 15, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Southern Region

Contact: Jeff Nielsen

Prepared by: Dave Peterson

Reviewed by: Southern Water Planning Committee(s)

Presented by: Paul Langseth

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☒ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Approval to extend the Olmsted County Comprehensive Local Water Management Plan until December 31, 2012.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Olmsted County has submitted a request for a one-year extension of the Olmsted County Comprehensive Local Water Management Plan (Plan). In conformance with Board policy, BWSR staff recommends a two-year extension, which would make the Plan update deadline December 31, 2012. The request to extend the plan to December 31, 2012 is acceptable due to the fact that it would allow for additional public input activities and to include information being developed through other relevant concurrent Olmsted County planning activities. Olmsted County accepts that under Minnesota Statutes 103B.311, Subdivision 4 (a) (5) no projects will be ordered or commenced during the extension period.

Minnesota Board of Water & Soil Resources

October 28, 2010

Jeff Nielsen, Southern Region Supervisor
Minnesota Board of Water and Soil Resources
261 Highway 15 South
New Ulm, MN 56073

Dear Jeff,

On October 26, 2010, Olmsted County submitted an official request for a one-year extension for the update deadline for the 2005-2010 Comprehensive Water Management Plan from December 30, 2010 to December 31, 2011. The reasons for the extension request are to allow for additional public input and to include information being developed through other relevant concurrent County planning activities. Board policy provides for one two-year extension for local water management plan deadlines. In conformance with Board policy, I recommended the extension for the Olmsted plan be for one two-year extension. This would make the deadline for the Olmsted plan update December 31, 2012.

Based on the progress already made in the updating process and to take advantage of the concurrent planning activities, I recommend the approval of the extension request by Olmsted County. I anticipate the draft will be completed and available for review by September of 2011.

Sincerely,

David Peterson
Board Conservationist, Rochester Office

Bemidji
701 Minnesota Avenue
Suite 234
Bemidji, MN 56601
phone (218) 755-4235
fax (218) 755-4201

Brainerd
1601 Minnesota Drive
Brainerd, MN 56401
phone (218) 828-2383
fax (218) 828-6036

Duluth
394 S. Lake Avenue
Room 403
Duluth, MN 55802
phone (218) 723-4752
fax (218) 723-4794

Fergus Falls
1004 Frontier Trail
Fergus Falls, MN 56537
phone (218) 736-5445
fax (218) 736-7215

Marshall
1400 E. Lyon Street
Box 267
Marshall, MN 56258
phone (507) 537-6060
fax (507) 537-6368

New Ulm
261 Highway 15 S.
New Ulm, MN 56073
phone (507) 359-6074
fax (507) 359-6018

Rochester
2300 Silver Creek
Road N.E.
Rochester, MN 55906
phone (507) 281-7797
fax (507) 285-7144

Saint Paul
520 Lafayette Road N.
Saint Paul, MN 55155
phone (651) 296-3767
fax (651) 297-5615

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October 26,2010

Mary Kells
Board Conservationist
Minnesota Board of Water and Soil Resources 2300
Silver Creek Road NE
Rochester, Minnesota 55906

RE: Request to Extend the Ending Date of the Olmsted County Comprehensive Water Management Plan

Olmsted County requests that the Minnesota Board of Water and Soil Resources grant a one-year extension of the County's 2005-2010 Comprehensive Water Management Plan. The current Water Plan covers the period ending December 31, 2010. The County requests that the ending date of the plan be extended until December 31, 2011.

This additional time is needed to complete projects that were undertaken in implementing the County's current water plan and in preparing for the Water Plan update. Significant planning projects that are underway whose results will be integrated into the Water Plan update include the Lake Shady Stakeholder Group Report on the restoration of the Lake Shady, the Lake Zumbro Engineering Plan for the restoration of Lake Zumbro, the County Open Space Plan. Additional time is also needed to expand public participation in the Water Plan Update.

All of these projects will be completed by early 2011 and we anticipate that a preliminary draft of the Water Plan update will be completed and available for public review by September of 20 11.

Attached is a copy of the Olmsted County Board Resolution formally requesting and extension from the Board of Water and Soil Resources. As is noted, no projects using authorities under 103B.331 subdivisions 3 and 4 will be ordered or commenced during the extension period.

If you have any question regarding this request, please contact me.

Sincerely,

Terry Lee
Coordinator

OLMSTED COUNTY BOARD RESOLUTION #10

WHEREAS, the Olmsted County Board of Commissioners has adopted a Comprehensive Water Management Plan consistent with Minnesota Statute, Section 103B.301, and

WHEREAS, the Minnesota Board of Water and Soil Resources Board has the authority to grant extensions for a period not to exceed two years to counties for the purpose of extending the ending date of their local water plans,

WHEREAS, Olmsted County has initiated the update of the existing Water Plan but requires additional time beyond the expiration date of that plan, December 31, 2010, to complete the update, and

WHEREAS, Olmsted County seeks an extension from the Minnesota Board of Water and Soil Resources to keep the existing Comprehensive Water Management Plan valid for an two additional years or until the adoption of its revision.

NOW, BE IT THEREFORE RESOLVED, that Olmsted County Board of Commissioners requests an extension in accordance with the Southeast Minnesota Board of Water and Soil Resources Local Water Management Plan Update Guidance, for a period of two years.

Dated this 26th day of October, 2010 at Rochester, Minnesota.

OLMSTED COUNTY BOARD OF COMMISSIONERS

Judy Ohly, Chair

ATTEST:

Richard Devlin, Clerk! Administrator

Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of Extending the Comprehensive Local Water Management Plan for Olmsted County	ORDER EXTENDING WATER MANAGEMENT PLAN

Whereas, the Olmsted County Board of Commissioners has a state-approved Comprehensive Local Water Management Plan (Plan) that is effective until December 31, 2010 pursuant to Minnesota Statutes 103B.301; and

Whereas, the Minnesota Board of Water and Soil Resources (Board) has authorization to grant extensions pursuant to Minnesota Statutes 103B.311, Subdivision 4 (a) (5).

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order:

FINDINGS OF FACT

On December 30, 2009, Olmsted County's Priority Concerns Scoping Document (PCSD) was distributed for state agencies review pursuant to Minnesota Statutes 103B.305, Subdivision 8a.

On March 4, 2010, the Board's Southern Water Planning Committee (Committee) met with representatives of Olmsted County to discuss the County's PCSD and review comments that were received. The priority concerns to be addressed in the new Plan were deemed appropriate by the Committee. The Committee's decision was to present to the Board a recommendation of approval of the Olmsted County PCSD. On March 24, 2010, the Committee presented its recommendation of approval of the Olmsted County PCSD to the Board. The Board adopted the Committee's recommendation.

On October 26, 2010, the Board received a resolution from Olmsted County requesting a one-year extension of their Plan. The primary reason stated for the extension request is to allow for additional public input and to include information being developed through other relevant concurrent County planning activities.

On October 26, 2010, Board staff reviewed and recommended approval of the extension request by Olmsted County. Board policy provides for one two-year extension for local water management plan deadline extensions. In conformance with Board policy, Board staff also recommended the extension for the Olmsted plan be for a two-year extension.

On November 4, 2010, the Board's Southern Water Planning Committee met in Owatonna to discuss Olmsted County's request for extension. The Committee's decision was to present to the Board a recommendation of approval to extend Olmsted County's Comprehensive Local Water Management Plan until December 31, 2012.

CONCLUSIONS

All relevant requirements of law have been fulfilled. The Board has proper jurisdiction in the matter of extending the Comprehensive Local Water Management Plan of Olmsted County pursuant to Minnesota Statutes 103B.311, Subdivision 4 (a) (5).

ORDER

The Board hereby approves the extension of the Olmsted County Comprehensive Local Water Management Plan until December 31, 2012. Olmsted County shall strive to complete the updating of their Comprehensive Local Water Management Plan in a timely manner.

Dated at St. Paul, Minnesota, this fifteenth day of December 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Brian Napstad, Chair

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Winona County CLWM Plan Extension

Meeting Date: December 15, 2010

Agenda Category: ☒ Committee Recommendation ☐ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region: Southern Region

Contact: Jeff Nielsen

Prepared by: Dave Peterson

Reviewed by: Southern Water Planning Committee(s)

Presented by: Paul Langseth

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☒ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☒ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other: _____

ACTION REQUESTED

Approval to extend the Winona County Comprehensive Local Water Management Plan until December 31, 2012.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Winona County has submitted a request for a two-year extension of the Winona County Comprehensive Local Water Management Plan (Plan). The request to extend the plan to December 31, 2012 is acceptable due to the current vacancy in the County's water planning coordinator position and County staff's involvement in the Zoning Ordinance revision. Under Minnesota Statutes 103B.311, Subdivision 4 (a) (5), Winona County will not order or commence projects during the extension period. This extension will allow adequate time to complete and adopt the Winona County Comprehensive Local Water Management Plan revision.

Minnesota Board of Water & Soil Resources

October 28, 2010

Jeff Nielsen, Regional Supervisor
Board of Water and Soil Resources
261 Highway 15 South
New Ulm, MN 56073

Dear Jeff,

On October 12, 2010, Winona County submitted an official request to extend the update deadline for the 2004-2010 Comprehensive Water Plan from December 31, 2010 to December 31, 2012. The reasons for the extension request are the current vacancy in the Water Planning Coordinator position and County staff involvement in the revision of the County Zoning Ordinance.

Based on the progress already made in the updating process and in consideration of the staff vacancy and ordinance revision process, I recommend the approval of the extension request by Winona County. I anticipate the draft will be completed and available for review well within the two-year extension.

Sincerely,

David Peterson
Board Conservationist, Rochester Office

Bemidji
701 Minnesota Avenue
Suite 234
Bemidji, MN 56601
phone (218) 755-4235
fax (218) 755-4201

Brainerd
1601 Minnesota Drive
Brainerd, MN 56401
phone (218) 828-2383
fax (218) 828-6036

Duluth
394 S. Lake Avenue
Room 403
Duluth, MN 55802
phone (218) 723-4752
fax (218) 723-4794

Fergus Falls
1004 Frontier Trail
Fergus Falls, MN 56537
phone (218) 736-5445
fax (218) 736-7215

Marshall
1400 E. Lyon Street
Box 267
Marshall, MN 56258
phone (507) 537-6060
fax (507) 537-6368

New Ulm
261 Highway 15 S.
New Ulm, MN 56073
phone (507) 359-6074
fax (507) 359-6018

Rochester
2300 Silver Creek
Road N.E.
Rochester, MN 55906
phone (507) 281-7797
fax (507) 285-7144

Saint Paul
520 Lafayette Road N.
Saint Paul, MN 55155
phone (651) 296-3767
fax (651) 297-5615

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To Obtain Extension from SE MN BWSR for the Adoption of the County Water Plan Resolution

WHEREAS, the Winona County Board of Commissioners has adopted a Comprehensive Management Plan consistent with the Minnesota Statutes Chapter 103B.301.

NOW, THEREFORE BE IT RESOLVED, the Winona County Board Commissioners approved on January 6, 2004 the Comprehensive Water Management Plan.

BE IT FURTHER RESOLVED, after the adoption of the Comprehensive Water Management Plan, the Winona County Board shall amend existing water and related land resources plans and official controls as necessary to conform them the applicable and approved Comprehensive Water Plan.

BE IT FURTHER RESOLVED, the adopted Comprehensive Water Management Plan is an update of the County's first Comprehensive Water Management Plan completed in 1990, and the existing Plan expires on December 31, 2010. The Minnesota Board of Water and Soil Resources has the authority to extend the ending date of local water plans for a period not to exceed two years.

BE IT FURTHER RESLOVED, the Winona County Planning Department has initiated a revision of the existing Comprehensive Water Management Plan as well as the companion Management Plan for the Stockton-Rollingstone-Minnesota City Watershed District. The revision expands upon the priority concerns described in the 2004 Comprehensive Water Management Plan.

BE IT FURTHER RESOLVED, due to the vacancy in the Water Plan Coordinator position, and the continued staff involvement with the Zoning Ordinance revision, the Planning Department is unable to complete the Comprehensive Water Plan before December 31st. Therefore, the Planning Department seeks an extension from SE MN BWSR keeping the existing Comprehensive Water Management Plan valid for two additional years or until the adoption of its revision. The SE MN BWSR needs to obtain a resolution from the Winona County Board requesting the extension before its November 6th Committee Meeting.

BE IT FURTHER RESOLVED, the Winona County Board requests an extension, in accordance with SE MN BWSR Local Water Management Plan Update Guidance, for a period of two years. This extension allows adequate time to enable the adoption of the revised Winona County Comprehensive Water Management Plan.

Adopted at Winona, Minnesota this 12th day of October, 2010.

WINONA COUNTY BOARD OF COMMISSIONERS

James G. Pomeroy, Chair

Attest:

Duane Hebert
Clerk/County Administrator

Minnesota Board of Water and Soil Resources
520 Lafayette Road North
St. Paul, Minnesota 55155

In the Matter of Extending the Comprehensive Local Water Management Plan for Winona County	ORDER EXTENDING WATER MANAGEMENT PLAN

Whereas, the Winona County Board of Commissioners has a state-approved Comprehensive Local Water Management Plan (Plan) that is effective until December 31, 2010 pursuant to Minnesota Statutes 103B.301; and

Whereas, the Minnesota Board of Water and Soil Resources (Board) has authorization to grant extensions pursuant to Minnesota Statutes 103B.311, Subdivision 4 (a) (5).

Now Therefore, the Board hereby makes the following Findings of Fact, Conclusions, and Order:

FINDINGS OF FACT

On January 22, 2010, Winona County's Priority Concerns Scoping Document (PCSD) was distributed for state agencies review pursuant to Minnesota Statutes 103B.305, Subdivision 8a.

On March 4, 2010, the Board's Southern Water Planning Committee (Committee) met with representatives of Winona County to discuss the County's PCSD and review comments that were received. The priority concerns to be addressed in the new Plan were deemed appropriate by the Committee. The Committee's decision was to present to the Board a recommendation of approval of the Winona County PCSD. On March 24, 2010 the Committee presented its recommendation of approval of the Winona County PCSD to the Board. The Board adopted the Committee's recommendation.

On October 12, 2010, the Board received a resolution from Winona County requesting a two-year extension of their Plan. The primary reason stated for the extension request is the current vacancy in the Water Planning Coordinator position and County staff involvement in the revision of the County Zoning Ordinance.

On October 19, 2010, Board staff reviewed and recommended approval of the extension request by Winona County.

On November 4, 2010, the Board's Southern Water Planning Committee met in Owatonna to discuss Winona County's request for extension. The Committee's decision was to present to the Board a recommendation of approval to extend Winona County's Comprehensive Local Water Management Plan until December 31, 2012.

CONCLUSIONS

All relevant requirements of law have been fulfilled. The Board has proper jurisdiction in the matter of extending the Comprehensive Local Water Management Plan of Winona County pursuant to Minnesota Statutes 103B.311, Subdivision 4 (a) (5).

ORDER

The Board hereby approves the extension of the Winona County Comprehensive Local Water Management Plan until December 31, 2012. Winona County shall strive to complete the updating of their Comprehensive Local Water Management Plan in a timely manner.

Dated at St. Paul, Minnesota, this fifteenth day of December 2010.

MINNESOTA BOARD OF WATER AND SOIL RESOURCES

_____

BY: Brian Napstad, Chair

NEW BUSINESS

1. FY2011 Clean Water Fund Competitive Grants – Dave Weirens – ***DECISION ITEM***

2. FY2011 Clean Water Fund (CWF) Shifting Authorization – Dave Weirens – ***DECISION ITEM***

3. Lake Protection Water Plan Challenge Grant Program – Dave Weirens and Jeff Hrubes – ***DECISION ITEM***

4. Clean Water Council FY12-13 Budget Recommendations – Keith Hanson, Chair, Clean Water Council Budget and Outcomes Committee - ***INFORMATION ITEM***

5. Grass Lake Prairie Wetland Restoration: Kandiyohi County Grant Agreement – Tom Wenzel – ***DECISION ITEM***

6. BWSR Board Meetings in 2011 – ***DECISION ITEM***

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **FY2011 Clean Water Fund Competitive Grants Authorization**

Meeting Date: December 15, 2010

Agenda Category: ☒ Committee Recommendation ☒ New Business ☐ Old Business
Item Type: ☒ Decision ☐ Discussion ☐ Information
Section/Region:
Contact: Dave Weirens
Prepared by: Dave Weirens
Reviewed by: Grants Program and Policy Committee Committee(s)
Presented by: Dave Weirens

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested
☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☒ Clean Water Fund Budget
☐ Other:

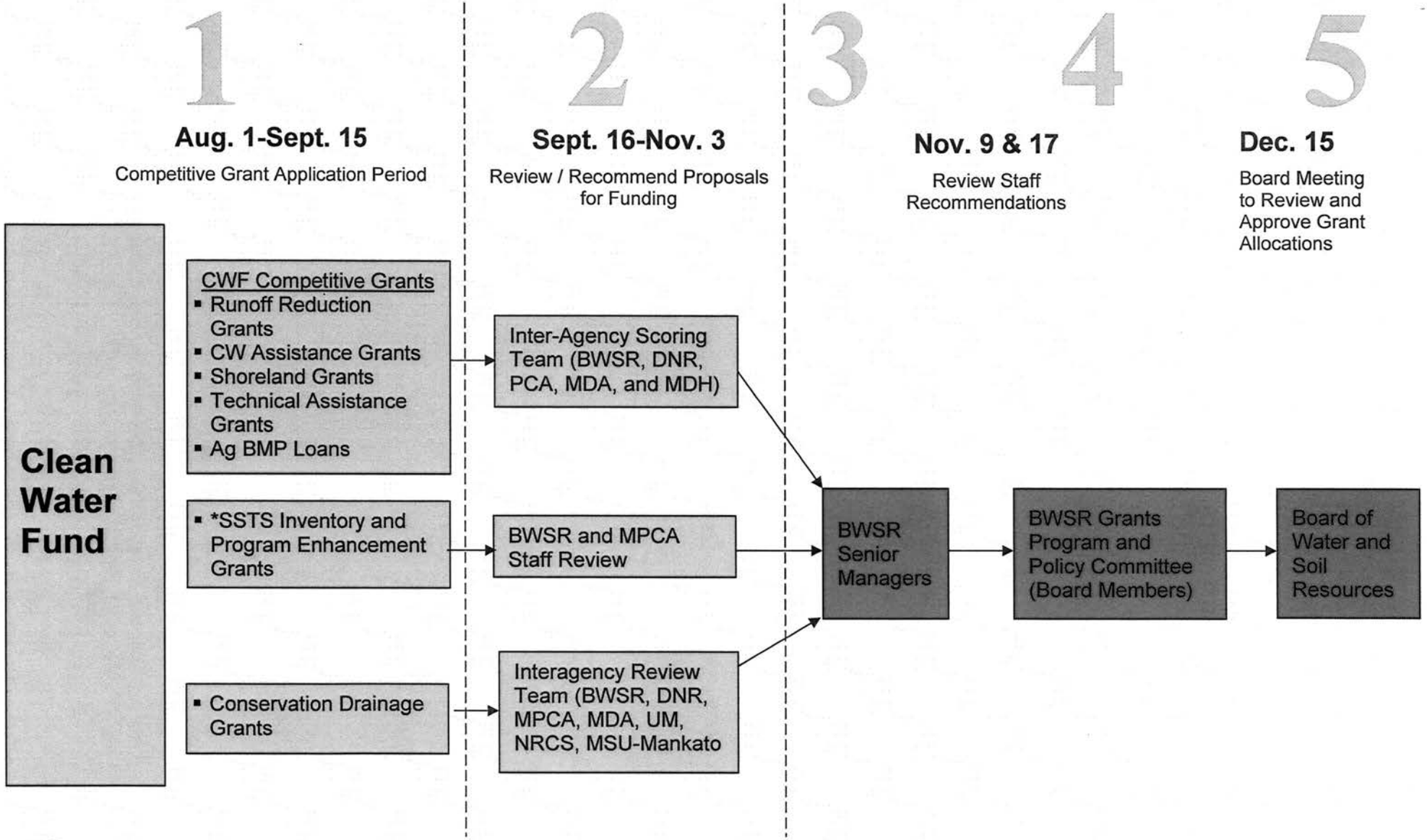
ACTION REQUESTED

The Board is requested to adopt the recommendation of the Grants Program and Policy Committee to:

1) Approve allocations to implement the FY 2011 Competitive Grants;
2) Forward a recommendation to the MDA to allocate Agricultural BMP Loan Program funds to projects and activities proposed through BWSR led competitive grant making processes; and
3) Authorize staff to implement this resolution consistent with BWSR grant making processes and practices.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
On June 23, 2010 the Board authorized the FY2011 Clean Water Fund Competitive Grants request for proposals (RFP) and Policy. Total available funds associated with this RFP was just over $12 million, including funds transferred from the MPCA and made available by the Minnesota Department of Agriculture. Staff publicized and held a number of outreach meetings with local governments prior to and during the August 4 - September 15 application period. 159 applications were received during this period requesting more than $28 million. BWSR staff initially reviewed and assessed the applications, which was then followed by reviews and scoring by interagency teams for grants in the following three categories: (1) Clean Water Fund Competitive Grants; (2) SSTS Inventory and Program Enhancement Grants; and (2) Conservation Drainage Grants. In all cases the applications were reviewed, assessed, and scored using the criteria contained in the RFPs.

Under the Clean Water Fund Competitive Grants, 56 applications are proposed for funding, for the SSTS Inventory and Program Enhancement Grants all 7 applications requesting these funds are proposed for funding, as are all 3 Conservation Drainage Grant applications. The interagency rankings and recommendations were reviewed by the Senior Management Team on November 9, 2010, and the Grants Program and Policy Committee on November 17, 2010.



Minnesota Board of Water & Soil Resources

FY 11 Competitive Grant Review Process

* These grants are a combination of Clean Water Fund and General Fund.

BOARD OF WATER AND SOIL RESOURCES

FY2011 Competitive Grants

November 17, 2010

Applications for the FY2011 Clean Water Fund Competitive Grants were accepted from August 4 through September 15. Local governments submitted 159 applications requesting more than $28 million in Clean Water Funds. For purposes of reviewing the applications, they were divided into the following categories:

- CWF Competitive Grants
- SSTS Inventory and Program Enhancement Grants
- Conservation Drainage Grants

A separate process was used to generate a recommendation for each category of grants that will be briefly discussed below.

CWF Competitive Grants.

The FY2011 CWF Competitive Grants consists of 8 separate funds, as shown below:

Agency Fund	FY11 Amount	Governmental Units Eligible for Funding
BWSR Runoff Reduction Grants	$3,147,800	Watershed Districts and Watershed Management Organizations (WMOs)
BWSR Clean Water Assistance Grants	$2,650,000	SWCDs, Watershed Districts, WMOs and Counties
BWSR Shoreland Improvement Grants	$1,325,417	SWCDs, Watershed Districts, WMOs, Counties, Cities, and JPBs of these organizations
BWSR Conservation Drainage Grants	$313,500	SWCDs, Watershed Districts, WMOs, Counties, and JPBs of these organizations
BWSR Restoration Technical Assistance Grants	$1,318,887	SWCDs, WDs, WMOs, Counties, Cities & JPBs of these organizations
MPCA SSTS Inventory Grants	$350,000*	Counties
BWSR SSTS Program Enhancement Grants	$1,067,826	Counties
MDA Clean Water Ag BMP	$2,200,000	Eligible AgBMP Loan authorities
Total	**$12,373,430**	

* Actual amount will include FY10 carry forward and returned funds.

A total of 149 applications requesting approximately $27 million were received during the application period. Applications requesting funds from Runoff Reduction, Clean Water Assistance, Shoreland Improvement, and Restoration Technical Assistance funds were initially assessed by BWSR staff and then scored by an interagency team consisting of staff from the MDA, the DNR, the MPCA, the MDH, and the BWSR based on the following criteria:

- Project Description: The proposed project demonstrates a high potential of long-term success based on project organization and management structure, partner support and public involvement within the project area. The maximum points available under this criterion are 15.
- Anticipated Outcomes: The outcomes expected upon completion of the project initiatives on the water resources are identified, including a description of the resulting primary and secondary public benefits such as pollution reduction, or groundwater or drinking water protection, hydrologic restoration, or aquatic habitat improvement. The maximum points available under this criterion are 30.
- Project Readiness: The application has a set of specific initiatives that can be implemented soon after grant award. The maximum points available under this criterion are 15.
- Prioritization and Relationship to Plan: The proposal is based on priority protection or restoration actions listed in or derived from an approved Comprehensive Local Water Management Plan or approved TMDL Implementation plan. The maximum points available under this criterion are 30.
- Groundwater and Drinking Water Protection: Proposed activities have the goal of protecting groundwater or drinking water. The maximum points available under this criterion are 10.

The proposed allocation of funds is shown on the attached spreadsheet (FY2011 Clean Water Fund Competitive Grant Funding Recommendation).

A number of recommended awards have been reduced from the amounts requested in the application, for the following reasons:

- Projects that were not targeted were reduced by 50%;
- Initiatives were removed from the recommended awards that were not discussed in the application narrative or had no connection to the central purpose of the application; and
- To address concerns over inappropriate requests for technical assistance/administration funding or lack of coordination with projects funded by other sources.

SSTS Inventory and Program Enhancement Grants

A total of 7 applications requesting $737,548 were received during the application period. FY 2011 CWF SSTS Inventory and Program Enhancement Grants project proposals were reviewed by BWSR and MPCA staff based on the following criteria:

- Project Description: The proposed project demonstrates a high potential of long-term success based on project organization and management structure, partner support and public involvement within the project area. The maximum points available under this criterion are 15.
- Anticipated Outcomes: The outcomes expected upon completion of the project initiatives on the water resources are identified, including a description of the resulting primary and secondary public benefits such as pollution reduction, or groundwater or drinking water protection, hydrologic restoration, or aquatic habitat improvement. The maximum points available under this criterion are 30.
- Project Readiness: The application has a set of specific initiatives that can be implemented soon after grant award. The maximum points available under this criterion are 15.

- Prioritization and Relationship to Plan: The proposal is based on priority protection or restoration actions listed in or derived from an approved Comprehensive Local Water Management Plan or approved TMDL Implementation plan. The maximum points available under this criterion are 30.
- Groundwater and Drinking Water Protection: Proposed activities have the goal of protecting groundwater or drinking water. The maximum points available under this criterion are 10.

The proposed allocation of funds is shown on the attached spreadsheet (FY2011 SSTS Inventory and Program Enhancement Grants).

Conservation Drainage Grants.

A total of 3 applications requesting $353,368 were received during the application period. Conservation Drainage Grants proposals were evaluated by an interagency team consisting of staff from the MDA, the DNR, the MPCA, University of Minnesota, USDA-Natural Resources Conservation Service, Minnesota State University-Mankato, and the BWSR based on the following criteria:

- Problem Identification & relationship to TMDL or local water management plan, total points available under this criterion is 20.
- Current monitoring activity, total points available under this criterion is 10.
- Fit to conservation drainage program objectives, total points available under this criterion is 20.
- Project evaluation plan, total points available under this criterion is 20.
- Public outreach plans, total points available under this criterion is 10.
- Overall proposal quality and completeness, total points available under this criterion is 20.

The proposed allocation of funds is shown on the attached spreadsheet (BWSR 2011 CWF Conservation Drainage Application Summary).

Row #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
1	82.5	SE SWCD Technical Support Joint Powers Board	Multi-County	Nutrient Management in the Lower Mississippi River Watershed	Two nutrient management specialists will assist landowners in an eleven county area with writing nutrient management plans and implementing BMP's for manure and fertilizer use.	$161,616 (RTA)	$161,616 (RTA)
2	80.5	Ramsey Conservation District	Ramsey	Protecting Ramsey County's Drinking Water Supply Management Areas	This project will target the sealing of abandoned and unused wells within groundwater recharge zones of municipal water supply wells.	$188,947 (CWA)	$128,625 (CWA)
3	79.2	Greater Blue Earth River Basin Alliance	Multi-County	Blue Earth River Basin Clean Water Fund Positions	This project will help fund and support 4 positions assisting landowners and local units of government within the Greater Blue Earth River basin. The positions include: nutrient management specialist, conservation agronomist, urban outreach specialist, and a watershed technician for the Cobb River sub-watershed.	$242,075 (RTA)	$242,075 (RTA)
4	78.8	Red Lake Watershed District	Red Lake	Grade Stabilization for Reduction of Sedimentation in the Thief River	This project will result in the installation of six grade stabilization structures, side water inlets, and stream bank stabilization in the lower 2.5 miles of CD20.	$187,974 (RR/SL)	$187,974 (RR/SL)
5	78.6	Lincoln SWCD	Lincoln	Verdi Wellhead Protection Area Project - 2011	This project will reduce nitrate levels in the Verdi well field drinking water supply by providing landowners educational information and incentives by developing nutrient management plans, utilizing variable rate technology, utilizing nitrogen stabilizers/nitrogen efficiency products, and installing targeted filter strips.	$184,211 (CWA)	$184,211 (CWA)
6	74.9	Fillmore SWCD	Fillmore	Grazing Management Initiative for the Root, Whitewater and Adjacent Watersheds	A Grazing Management Specialist in the Root and Whitewater watersheds will provide technical assistance for developing prescribed grazing plans and implementing grazing practices through EQIP and other programs.	$126,316 (RTA)	$126,316 (RTA)
7	74.6	Rock County SWCD/Land Mgt	Rock	Rock River Turbidity and Fecal Coliform Reduction	This project will stabilize 1600' of eroding stream bank and also reduce storm water runoff with the installation of 3 rain gardens within the city of Luverne.	$46,598 (CWA)	$46,598 (CWA)
8	74.5	Red Lake County SWCD	Red Lake	Accelerated Erosion Control Projects in the Red Lake River Watershed	This project will reduce sediment from high priority sites by installing two grassed waterways, two grade stabilization structures and stabilizing, a stream bank.	$102,895 (CWA)	$102,895 (CWA)
9	74.5	Benton SWCD	Benton	Little Rock Impaired Waters Kickoff	This project will accelerate the adoption of high priority BMP's in the Little Rock Lake and Creek watersheds. Efforts will include a new watershed wide irrigation water management program that is intended to be funded by irrigators by the end of the grant program.	$103,745 (RTA/SL)	$84,211 (RTA)
10	74.1	Nobles SWCD	Nobles	Langseth Family (Lake Ocheda) Shoreline Improvement Project	This project will improve a 1600 foot lake shoreline resulting in improved water quality, fishery and upland habitat, historical preservation and improved drinking water supplies in Lake Ocheda.	$162,105 (SL)	$162,105 (SL)
11	74.0	Wilkin Soil and Water Conservation District	Wilkin	Lower Otter Tail River Sediment Reduction Project Phase IV	This project will install water control structures, side-inlets, and buffer strips into county ditch systems. Additionally, these practices will provide significant flood control benefits by storing water on the land.	$196,842 (CWA)	$196,842 (CWA)
12	73.7	Carver County	Carver	Carver County Fecal Coliform Implementation IV	Carver County has been targeting sub-watersheds of Carver, Bevens, and Silver Creeks and using direct marketing to promote BMP's, incentive programs, and stepped up enforcement of ordinances. This application will continue funding for staff and programs that are currently set to expire in June, 2011	$178,571 (RTA)	$178,571 (RTA)

RTA =Restoration Technical Assistance; RR=Runoff Reduction; CWA=Clean Water Assistance; SL = Shoreland

Row #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
13	72.6	Winona County	Winona	Winona County Well Sealing Cost share Project	This project will be used for sealing wells in a targeted area in effort to prevent groundwater contamination.	$30,000 (CWA)	$30,000 (CWA)
14	72.6	Olmsted Soil and Water Conservation District	Olmsted	Protecting Groundwater by Assisting Oronoco Residents in Well Sealing	The City of Oronoco is nearing completion of its municipal water system. This project will provide cost-share to residents connecting to the Oronoco Water System that have unused or abandoned wells that need to be sealed to protect groundwater.	$128,866 (CWA)	$114,446 (CWA)
15	72.4	Cedar River Watershed District	Mower	Dobbins Creek Watershed Restoration	This project will implement activities in the 2009 Ag Watershed Restoration study funded by BWSR. Practices to be installed include: a wetland restoration and stream stabilizations that will trap sediments and stabilize stream banks in the Dobbins Creek Watershed.	$163,596 (RR/SL)	$163,596 (RR)
16	72.0	Bassett Creek Watershed Management Commission	Hennepin	Wirth Lake Outlet Modification Project	This project is the only project listed in the Wirth Lake TMDL implementation plan. By preventing backflow from Bassett Creek, the Wirth Lake outlet modification will reduce the TP load to the lake.	$75,000 (CWA)	$75,000 (RR)
17	71.4	Pomme De Terre River Association	Grant	Pomme de Terre River Watershed Best Management Practice (BMP) Initiative	This is a five SWCD/County cooperative project to accelerate the implementation of BMPs within the Pomme de Terre River Watershed. Our goal is to reduce sedimentation by 26,601 tons/yr and phosphorus loading by 26,621 lb/yr. Fecal coliform contamination will also be reduced in the Pomme de Terre River.	$502,684 (CWA)	$245,850 (RR/SL/RTA)
18	71.3	East Otter Tail Soil and Water Conservation District	Otter Tail	East Otter Tail Groundwater Protection Project	This project will provide incentives to encourage irrigation producers to convert high or medium pressure irrigation systems to low pressure systems, which will prevent potential nitrate-nitrogen and other potential groundwater contamination through leaching due to over irrigation	$174,742 (CWA)	$87,371 (CWA)
19	70.9	Sauk River Watershed District	Stearns	Sauk River Stormwater Runoff Reduction and Riparian Restoration Project	This project will install 29 urban stormwater/shore land projects on private property and 7 on city or school property.	$435,289 (RR/SL)	$435,289 (RR/SL)
20	70.7	Pennington SWCD	Pennington	Judicial Ditch #30 & #18 Buffer Initiative	This project will provide incentive payments for landowners to install 50' wide buffer strips and grade stabilization structures from field ditches along 24 mile ditch system.	$187,687 (CWA)	$93,844 (CWA)
21	70.4	South St. Louis Soil & Water Conservation District	St. Louis	Miller Creek Urban Trout Stream Restoration Projects	This project will restore 3,400 ft. of Miller Creek, a designated trout stream in Duluth.	$154,893 (CWA)	$154,893 (CWA)
22	69.9	Two Rivers Watershed District	Kittson	Lake Bronson Watershed Runoff Reduction Project	The project will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative practices within Lake Bronson and upland subwatersheds. Emphasis will be placed on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).	$200,000 (CWA)	$100,000 (RR)
23	69.1	Brown's Creek Watershed District	Washington	Brown's Creek Thermal Load Reduction	Brown's Creek Watershed District and Oak Glen Golf Course will partner to achieve significant thermal and sediment reductions in biologically impaired Brown's Creek by installing 2.25 acres of buffer and restoring 1300 feet of stream bank.	$210,000 (SL)	$210,000 (SL)

RTA =Restoration Technical Assistance; RR=Runoff Reduction; CWA=Clean Water Assistance; SL = Shoreland

Row #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
24	69.1	Lake of the Woods Soil and Water Conservation District	Lake of the Woods	Bostic and Zippel Watershed Stabilization and Water Retention Project	This project will reduce erosion, sedimentation, and nutrient transport within the Bostic and Zippel Watersheds by installing grade stabilization, side water inlets, and gully stabilization projects and developing a water retention plan.	$52,105 (CWA)	$52,105 (CWA)
25	68.7	Todd Soil & Water Conservation District	Todd	Swan River Headwaters Clean Water Fund	This project targets nineteen landowners within the Swan River Watershed . The practices installed will control pollutants and sediment from entering surface waters.	$203,158 (SL)	$144,358 (CWA)
26	68.7	City of St. Louis Park	Hennepin	Minnehaha Creek Stream Meander - St. Louis Park	This project aims to re-meander a section of Minnehaha Creek through a highly urbanized area of St. Louis Park. The project will include increased riparian buffers, stream bank stabilization, vegetative restoration, and construction of water quality treatment practices.	$300,000 (SL)	$300,000 (SL)
27	68.6	Rice Creek Watershed District	Anoka	Moore Lake Water Quality Enhancements	This project will construct three rain gardens to infiltrate stormwater runoff near the Fridley Middle School. The BMP's will improve water quality of West Moore Lake and provide opportunity to educate students and the public in responsible stormwater management.	$136,336 (RR)	
28	68.1	Elk River Watershed Association	Sherburne	Elk River Watershed Pollution Loading Reduction Project	Elk River Watershed Association (ERWSA) has commitments from cooperators to restore shore lands, treat stormwater, manage manure and create a wetland.	$149,104 (SL)	$149,104 (CWA)
29	66.7	Isanti County Zoning Department	Isanti	Isanti County Native Grass/ Stormwater BMP Demonstration Project	The project will reduce runoff and protect groundwater by establishing native plantings on at least 150 acres of private lands in priority areas and establish stormwater reduction and other BMP projects in county parks.	$145,484 (CWA)	$65,924 (CWA)
30	66.3	Red Lake County SWCD	Red Lake	Accelerated Streambank & Shoreland Projects in the Clearwater River Watershed.	This project will construct two streambank stabilizations identified in an Erosion Site Inventory conducted by Red Lake County SWCD.	$103,789 (CWA)	$48,421 (SL)
31	65.5	Prior Lake-Spring Lake Watershed District	Scott	Spring and Prior Lake Upper Watershed Stormwater Runoff Volume Reduction	This project will store an additional 186 ac-ft of stormwater per year in the upper watershed of Spring and Prior Lake through wetland reestablishment and restoring natural infiltration capacity of several topographic depressions.	$195,600 (RR)	$195,600 (RR)
32	65.4	Pennington SWCD	Pennington	The Ralph Engelstad Arena Raingarden Project	The Ralph Engelstad Arena covers about two city blocks and is covered by 85-90% impervious surface. This project will utilizing multiple raingardens to store water onsite and control stormwater runoff.	$88,681 (CWA)	$88,681 (CWA)
33	65.0	Aitkin County SWCD	Aitkin	Cedar and Farm Island Lakes, Reversing the Downward Trend	Cedar and Farm Island are large recreational lakes located in the Aitkin/Brainerd Lakes area. Both lakes are showing significant downward trends in water clarity. This project seeks to reverse that trend before these lakes degrade further and become impaired.	$108,011 (CWA/SL)	$108,011 (CWA)
34	64.7	Greater Blue Earth River Basin Alliance	Multi-County	The Greater Blue Earth River Basin Alliance Agricultural Shoreland Initiative	This project will identify DNR protected shoreland in GBERBA counties without a 50' buffer. Implementation of buffers and landowner Education will also be undertaken.	$267,368 (CWA)	$100,000 (CW/SL)
35	64.7	Sauk River Watershed District	Stearns	Technical Assistance for Sauk River Watershed - Mississippi River Basin Initiative	This project will provide technical assistance for the Upper Mississippi River Basin Initiative (MRBI) project in the Sauk River Watershed.	$231,579 (CWA)	$168,421 (RTA)
36	64.5	Buffalo-Red River Watershed District	Clay	Wolverton Creek Restoration and Sediment Reduction Project	This project aims to reduce erosion and sedimentation in Wolverton Creek by installing side inlets, bufferstrips, conservation tillage, and channel restoration design.	$306,837 (RTA)	$253,229 (RR)

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Row #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
37	64.0	Chisago Soil and Water Conservation District	Chisago	Chain of Lakes Stormwater Retrofit Assessment Best Management Practices	The Chisago Lakes Chain of Lakes Stormwater Retrofit Assessment has assessed 54 small watersheds for the optimal locations for best management practices. A long list of BMPs has been identified and this project will take the next step is to design and install priority projects.	$230,526 (CWA)	$230,526 (CWA)
38	63.8	Prior Lake-Spring Lake Watershed District	Scott	Upper Prior Lake – Targeted Stormwater BMP Retrofits & Enhancements	This project will enhance 11 existing water quality ponds to include iron-sand enhanced filtration, hydro period modification and increased storage. In addition, 39 retrofit bioretention raingardens targeted in untreated subwatersheds and a 210 SF permeable pavement area will be constructed.	$189,511 (CWA)	$189,511 (RR)
39	63.4	Buffalo - Red River Watershed District	Clay	Upper South Branch BMP Strategic Implementation Plan	LiDAR terrain analysis will be used to determine BMP locations to reduce sediment loads and runoff contamination. BMPs will be implemented at these locations.	$135,364 (RTA)	$135,364 (RTA/RR)
40	62.9	Scott Watershed Management Organization	Scott	Sand Creek & Prior Lake/Spring Lake Watersheds Wetland Restoration Project	This proposal is to fund Early Adopter payments to promote participation in a regional watershed project having the goal of improving water quality and expanding wildlife habitat by permanently restoring and enhancing up to 500 acres of wetlands in the Sand Creek and Prior/Spring Lake Watersheds.	$80,000 (RR)	$80,000 (RR)
41	62.6	West Otter Tail SWCD	Otter Tail	Otter Tail and Pelican River BMP Implementation Project Plan	This project will help promote and design BMPs that are priorities in the Lower Otter Tail Watershed TMDL implementation plan.	$65,684 (RTA)	$65,684 (RTA)
42	62.5	Bois de Sioux Watershed District	Traverse	Mustinka River Turbidity TMDL Implementation Project	This project will work to complete goals outlined within the Mustinka River TMDL Implementation Plan. Implementing BMPs will annually reduce a total of 31,250 tons of sediment and 31,250 pounds of phosphorus loading into the Mustinka River.	$260,211 (RR)	$130,106 (RR)
43	62.0	Pennington SWCD	Pennington	Halvorson Streambank Restoration	Stabilize 300' of the Thief River streambank to protect a home plus improve water quality in an impaired water and a city drinking water supply.	$34,375 (SL)	$34,375 (SL)
44	61.8	Carlton SWCD	Carlton	Elim Creek Restoration Through Aging Sediment Retention Structure Removal	This project will remove three, 30 year old sediment control structures and restore 1/3 mile of Elim Creek. The project will correct 304 tons of soil loss and remove the threat of 956 tons of sediment transport to the North Fork of the Nemadji River that is impaired for turbidity.	$119,522 (CWA)	$119,522 (CWA)
45	61.6	Blue Earth County	Blue Earth	Blue Earth County Shoreland Buffer Initiative	Restoration technical assistance will be targeted in shoreland areas within impaired watersheds to establishment of riparian buffers and other practices.	$136,842 (RTA)	$136,842 (RTA)
46	60.8	Chisago Soil and Water Conservation District	Chisago	St. Croix River escarpment gully stabilization inventory and outreach program	This project will inventory the active gully erosion sites along the St. Croix River escarpment from the Wild River State Park entrance south to the County line. This inventory will be utilized to contact landowners and begin the process of developing a plan to implement BMP's.	$31,579 (RTA)	$31,579 (RTA)
47	60.8	Becker Soil & Water Conservation District	Becker	Campbell Creek Phosphorus and Sedimentation Reduction Project	Continue the successful efforts of erosion and sediment reduction in the Campbell Creek/Floyd chain of lakes area and the Buffalo River through the installation of sediment and erosion control basins and native buffers.	$57,653 (CWA)	$57,653 (SL)

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Row #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
48	60.7	Ramsey Washington Metro Watershed District	Ramsey	North Saint Paul Living Street Project	The proposed 2-block street reconstruction project addresses aspects of the Kohlman Lake TMDL Implementation Plan through construction of infiltration rainwater gardens, urban trees and narrowed streets in a distributed fashion in a residential setting, achieving runoff volume reduction and pollutant reduction.	$566,000 (RR)	$566,000 (RR)
49	60.7	Middle St. Croix Watershed Management Organization	Washington	Lily Lake Stormwater Retrofit Project	This project will implement priority stormwater treatment projects identified in the Lily Lake Stormwater Retrofit Assessment Report. Implementation will reduce phosphorous inputs to Lily Lake by 9.5 lbs/yr, reduce TSS to Lily Lake by 8,566 lbs/yr and provide a volume reduction of 7.7 acre-feet/yr	$43,400 (RR)	$43,400 (RR)
50	60.5	Crow Wing Soils and Water Conservation District	Crow Wing	Catch, Clean, Circulate, Stormwater Management for Gull and Trout Lakesheds	This project will implement projects that will intercept, infiltrate, and treat runoff which will reduce phosphorus and sediment inputs into Gull and Trout Lakes.	$136,300 (CWA)	$136,300 (CWA)
51	60.5	East Polk Soil and Water Conservation District	Polk	Sand Hill River Watershed Accelerated Erosion Area BMP's	This project would assist in the installation of 29 sediment basins in the Upper Sand Hill River Watershed.	$281,053 (CWA)	$186,672 (CWA/SL)
52	60.3	Carver County WMO	Carver	Reitz Lake Restoration Project	Reitz Lake's water quality will improve by installing a water retention structure, enhancing/restoring a wetland and installing several raingardens/shoreland restorations.	$127,551 (RR/SL)	$127,551 (RR/SL)
53	60.0	City of Orono	Hennepin	Stubbs Bay Ravine Stabilization	This project will repair an eroding ravine that drains into Stubbs Bay on Lake Minnetonka. The proposed project is to regrade the ravine, install grade breaks, and stabilize it with native vegetation and shrubs.	$183,684 (SL)	$183,684 (SL)
54	59.9	Scott Watershed Management Organization	Scott	Cedar & O'Dowd Lake Shoreline Improvements	This project will reduce phosphorus input into Cedar and O'Dowd Lakes, create habitat to improve water quality by stabilizing shoreland in the Cedar Lake Farms Regional Park, and by restoring shoreland along O'Dowd Lake.	$30,000 (SL)	$15,000 (SL)
55	59.7	Washington Conservation District	Washington	Powers Lake Priority Subwatershed Retrofit Project	This project will implement 20 priority stormwater treatment projects within two target catchments identified in the Powers Lake Subwatershed Assessment.	$37,632 (CWA)	Clean Water Assistance Fund depleted
56	59.5	Buffalo-Red River Watershed District	Becker	Continuation of Hay Creek/Stinking Lake Sediment Reduction Project	Continue the successful efforts of erosion and sediment reduction in the Hay Creek/Stinking Lake Watershed through the installation 19 additional sediment and erosion control basins.	$105,408 (RR)	$105,408 (RR)
57	59.5	Chisago Soil and Water Conservation District	Chisago	Implementation of Water-Smart Best Management Practices at Schools and Libraries	This project will implement BMPs to treat stormwater runoff at public school and library facilities in Chisago County.	$37,895 (CWA)	Clean Water Assistance Fund depleted
58	59.4	Murray County	Murray	Jackson-Cottonwood-Murray West Fork Des Moines River BMP Project	Construct sediment reduction projects in the Des Moines River watershed that include a structure enhancement in Cottonwood County, a bio swale and sediment control structure in Jackson County, and a retention structure in Murray County.	$83,064 (CWA)	Clean Water Assistance Fund depleted
59	59.2	Red Lake Watershed District	Red Lake	Grand Marais Creek Cut Channel Stabilization Project	Stabilize the outlet of Grand Marais Creek to reduce the sediment carried to the Red River of the North by up to 700 tons per year.	$662,000 (RR/SL)	$585,552 (RR/SL)
60	59.1	Washington Conservation District	Washington	Armstrong Lake Restoration - Oakdale Library Water Quality Retrofit	Oakdale Library Water Quality Retrofit project will install a large parking lot bioretention facility and multiple rain gardens to reduce phosphorus loading and improve water quality in Armstrong Lake and Wilmes Lake.	$48,270 (CWA)	$ -

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Row #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
61	58.5	Chisago Soil and Water Conservation District	Chisago	Stabilization of erosion concerns adjacent to public roads and rivers	This project will implement numerous BMPs to correct multiple erosion concerns occurring adjacent to two public roads (Kost Dam Trail and County Road 81), which are in close proximity to the Sunrise River.	$89,474 (CWA)	$ -
62	58.4	Chisago Soil and Water Conservation District	Chisago	Pleasant Hill Park Stormwater Retrofit	The City of Lindstrom has identified this subwatershed as a high priority subwatershed for potential stormwater best management practices due to the high volume of untreated stormwater that discharges directly into South Lindstrom Lake. Concept plans have been completed that include a series of sediment forebays and filtration basins.	$263,158 (CWA)	$ -
63	58.0	Cass Soil and Water Conservation District	Cass	Cass County Water Quality Enhancement and Shoreline Protection Project	This project consists of an erosion/sediment control project and two shoreline restoration and protection projects that will enhance and protect surface water quality in Cass County.	$193,553 (CWA/SL)	$ -
64	57.8	Le Sueur County	Le Sueur	Jefferson German Lakes Septic Inventory (JGLSI)	This project will install 46 shoreland projects that improve water quality on lakes in Le Sueur County.	$171,605 (CWA)	$ -
65	57.4	East Otter Tail Soil and Water Conservation District	Otter Tail	Engaging and Equipping Lake Based Communities for Exceptional Resource Protection	The installation of community identified water quality projects supported by lake specific citizen engagement efforts to leverage and foster proactive lake protection planning and implementation activities.	$100,263 (SL)	$ -
66	57.2	Lake of the Woods SWCD	Lake of the Woods	Rainy River Shoreline Stabilization Program	This project will install BMPs to reduce lakeshore and streambank erosion through project implementation and education.	$91,579 (CWA)	$ -
67	57.1	Minnesota River Board JPB	37 county JPB	Community Clean-Ups for Water Quality	This project will engage citizens, businesses and organizations to prevent over 20,040 pounds of nitrogen and phosphorus from being transported in stormwater runoff and contaminating the associated water bodies through training, coordination and implementation of 120 organic waste Community Clean-Ups.	$300,000 (CWA)	$ -
68	56.8	Lake SWCD	Lake	Stewart River Watershed Protection Project	This project will restore four severely eroding streambank sites along a 1.5 mile reach of the Stewart River.	$87,921 (SL)	$ -
69	56.5	Grass Lake WMO	Ramsey	Improving Lake Owasso's Water Quality through Bioinfiltration in two Communities	This project will install several bioinfiltration systems within two drainage areas that ultimately feed into Lake Owasso.	$211,579 (RR)	$ -
70	56.3	Washington SWCD	Washington	Lake Edith Shoreland Improvement Project	This shoreland project will improve water quality by stabilizing a large section of steep, highly erodible shoreline along Lake Edith, directly tributary to Valley Creek, a designated trout stream.	$73,684 (SL)	$ -
71	56.2	Black Dog WMO	Dakota	Whitney Pond Water Quality Improvement Project	The project involves constructing a 1.9 acre detention pond with an in-pipe grit chamber and upland native plant buffer, 25' wide, to reduce the annual total phosphorus load to Keller Lake by 53 lbs.	$475,000 (RR)	$ -
72	56.1	Buffalo Red River WD		Buffalo River Restoration and Floodplain Enhancement, Hawley, MN	This project will restore 5,600 feet of Buffalo River channel, add 34 acres of flood plain, and stabilize the river bank and rebuild dike protecting 56 homes.	$1,037,500 (CWA/RR/SL)	$ -
73	56.0	Chisago SWCD	Chisago	Chisago County Urban and Lakeshore Best Management Practices Implementation Project	This project will install urban BMPs, including rain gardens and lakeshore restorations, that are ready for implementation within Chisago County.	$86,737 (CWA/SL)	$ -

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Row #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
74	56.0	Bassett Creek Watershed Management Commission	Hennepin	Bassett Creek Reach 1, Subreaches 1 and 3 Restoration Project	This project will stabilize the stream and the stream banks at 15 locations along Bassett Creek. The project will stabilize a total of 900 feet of stream bank over a total reach length of approximately 6,300 feet.	$174,000 (RR)	$ -
75	55.9	Coon Creek WD	Anoka	Clean Water at Schools - reducing pollution, increasing stewardship	This project will install BMPs to reduce degradation of Coon Creek while promoting stewardship for clean water at built-out school facilities. The pilot site is at the adjacent Coon Rapids Middle and High School campuses.	$224,576 (RR)	$ -
76	55.4	Blue Earth SWCD	Blue Earth	Blue Earth County Ravine and Stream Channel Stabilization Design Assistance	that will significantly reduce gully, ravine, stream bank and bluff erosion and sedimentation in the Blue Earth, Le Sueur, Watonwan	$57,895 (RTA)	$57,895 (RTA)
77	55.3	Mille Lacs SWCD	Mille Lacs	Mille Lacs SWCD Rum River Watershed Shoreline Restorations	approximately 100 linear feet of badly eroded shoreline in Mille Lacs County.	$52,293 (RR/SL)	$ -
78	54.4	Middle Fork Crow River WD	Kandiyohi	Green Lake Stormwater Improvement Project	This project is designed to reduce nutrients and sediment delivered to the lake via the implementation of stormwater BMPs.	$219,180 (RR/SL)	$ -
79	54.0	Washington Conservation District	Washington	Washington County Green Churches Stormwater Retrofit Initiative	This project will install BMP's that include raingardens, pervious pavements, and rainwater harvesting methods to capture and improve water quality to downstream water resources.	$67,750 (CWA)	$ -
80	53.9	Washington Conservation District	Washington	Highway 61 Commercial Stormwater Retrofit Flooding and Water Quality Improvement	This project will install multiple stormwater management practices on commercial site to reduce flooding and improve downstream water quality	$130,870 (CWA)	$ -
81	53.5	Kanabec SWCD	Kanabec	Shoreland native vegetative buffers and rain gardens infiltration project	The project will focus on providing technical assistance to lake associations, landowers and local government units within the Snake River Watershed to reduce runoff and nutrient loading through the implementation of BMP's such as rain gardens and shoreland buffers.	$31,390 (SL)	$ -
82	53.4	Morrison SWCD	Morrison	Sullivan/Platte Lakes Initiative and Platte/Skunk/Spunk Rivers Remedial Initiative	The Platte, Skunk, and Spunk creeks all are impaired tributaries to the Crane Meadows Wildlife Preserve. Affected by agriculture and erosion impacts, the goal would be to reduce the impacts in the headwaters prior to entering the wildlife refuge.	$159,579 (CWA)	$ -
83	52.7	Carlton SWCD	Carlton	Shoreline Re-vegetation in Carlton County on Priority Lakes	This proposal will fund shoreline buffers establishment on 332 linear feet (16,975 sq.ft.) of lake shore on 3 priority lakes (4 sites). A county wide waters conference for lakeshore owners will highlight these buffers.	$71,697 (SL)	$ -
84	51.6	Carver County	Carver	East Creek tributary urban stream stabilization	Use of proven stream restoration techniques and volume reduction BMPs will restore the tributary and reduce the amount of sediment and nutrients being transported to East Creek.	$124,490 (RR)	$ -
85	50.8	Chisago SWCD	Chisago	Rock Creek Streambank Erosion Stabilization Project	This project is proposed to stabilize a large erosion concern located on the bank of the Rock Creek, approximately 3/4 of a mile from the St. Croix River. The goal of the project is to stabilize 225 feet (horizontal) by 30 feet (vertical) of severely eroded shoreline along the Creek.	$31,579 (SL)	$ -
86	50.8	Bassett Creek Watershed Management Commission	Hennepin	North Branch Bassett Creek Restoration Project	This project will stabilize the stream and the stream banks at 20 locations within the North Branch of Bassett Creek.	$250,000 (RR)	$ -
87	50.7	South Washington WD	Washington	C-P6 Pond Improvements	The installation of improvements to pond C-P6, which include the excavation of three pre-treatment basins plus a linear infiltration swale.	$339,039 (RR)	$ -

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Row #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
88	50.6	Upper Minnesota River WD	Big Stone	Minnesota River Headwaters and Whetstone River Restoration Project	The project will be a cooperative effort to restore the historic Whetstone River channel between Big Stone Lake and Minnesota River.	$61,684 (RTA)	$ -
89	50.4	South Washington WD	Washington	ED-P5 Pond Improvements	The proposed project will improve the quality of storm water runoff to downstream wetlands and the Mississippi River by retrofitting an existing dry stormwater basin with wet ponding cells and an infiltration cell.	$640,000 (RR)	$ -
90	50.2	Steele SWCD	Steele	Straight River/County Road #3 Sediment Reduction Project	The proposed erosion control structure addresses an active gully that extends from the Straight River up to Steele County Road #3 (a distance of 200'). The proposed erosion control structure will remove 9.6 tons and over 9# of phosphorus per year from the system	$30,000 (CWA)	$ -
91	46.1	Upper Minnesota River WD	Big Stone	Central Park Storm Water Erosion Control Project	This project represents the second phase of a three-phase project to reduce the sediment and nutrient loading from the Central Park storm water system to Big Stone Lake.	$80,000 (CWA)	$ -
92	45.8	SWCDs in Lac qui Parle WD	Yellow Medicine	SWCD CWF 2011 Project for the Lac qui Parle Watershed	This project will install BMPs within six impaired reaches of Lac qui Parle River by: replacing open tile intakes with alternative intakes; installing buffers on tile intakes and on ditches/streams; and implementing other structural BMPs.	$129,316 (CWA)	$ -
93	44.2	Heron Lake WD	Multi-County	Heron Lake Watershed District Okabena Creek J-hook Weir Installation	Through this project the Heron Lake Watershed District (HLWD) will work with a landowner in Jackson County to install five J-hook weirs.	$30,785 (CWA)	$ -
94	44.2	East Otter Tail SWCD	Otter Tail	Engaging Future Local Leaders Through Shoreland Stabilization and Bioretention Projects	Cultivate future local leaders by providing educational, financial, and technical assistance for shoreland stabilization projects in Otter Tail County, with priority given to projects on lakes with an increasing trophic state index (TSI) and a mean TSI of 51 or greater.	$141,432 (CWA)	$ -
95	38.9	Renville County	Renville	2011 Olivia Storm Water Improvements / Beaver Creek Protection Project	The City of Olivia desires to construct two wet sedimentation basins in order to improve water quality and mitigate urban flooding in a 400-acre watershed.	$1,040,000 (SL)	$ -
96	35.0	Olmsted SWCD	Olmsted	Byron Regional Stormwater Pond F	This project is for a regional stormwater detention pond near the City of Byron.	$136,842 (CWA)	$ -

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FY2011 SSTS Inventory and Program Enhancement Grants

	MPCA	BWSR
Returned FY10 Funds (Benton)	$12,000	
FY10 Funds Carry Forward	$28,315	
FY11 Available Funds	$382,340	$1,067,826
Total Funds Available	$422,655	$1,067,826

Project ID	LGU	MPCA SSTS Inventory Grant*	BWSR SSTS Program Enhancement Grant*	Match	Project Description	Budget Description	Notes
C11-14	Faribault County	$0	$67,895	$17,500	An accurate digital parcel database of residential land ownership would provide Faribault County a base to track SSTS permitting, compliance status and maintenance activities, and move permitting and compliance records from a paper file system to the web for 24/7 homeowner and public access.	BWSR (Database): 64,500 project, $3,395 admin	
C11-29	Cass County	$16,579	$13,053	$15,200	Lake inventories for septic compliance will be conducted on 236 parcels on Sylvan Lake and 284 parcels in the Lake Margaret Watershed in southwest Cass County in partnership with the municipalities of East Gull Lake and Lakeshore and townships of Fairview and Meadowbrook.	MPCA: $15,750 invt, $829 admin (Lake Margaret). BWSR: $12,400 invt., $653 admin (Lake Sylvan).	
C11-125	Rice County	$0	$80,000	$20,000	This project will enhance the Rice County SSTS program by providing additional maintenance activities, follow-up of over 350 IPHT systems identified through inventory activities, property transfers, CUPs, and variances. In addition, funds are being requested to offer a voluntary upgrade incentive program to aid in increased enforcement.	BWSR (Enf./Maint.): $76,000, admin $4,000	
C11-135	Le Sueur County	$350,396	$30,612	$409,000	This project will complete a septic system inventory of shoreland parcels on the Jefferson-German chain of lakes. A past survey showed that over 500 residents on the chain approved of having a septic inspection. There is a sewer district and a detailed septic inventory is needed.	MPCA: $343,600 invt, $7,012 admin. BWSR: $30,000 database, $612 admin.	Reduced grant amount by $216 to zero out MPCA funds
C11-136	Beltrami County	$0	$41,500	$35,000	Beltrami County will utilize Clean Water Funding to expand and enhance its SSTS program through landowner education, professional workshops, creating an electronic database, staff training, and assisting other LGU's.	BWSR (Enf./Maint./Data): $41,500, admin $0	
C11-154	Todd County	$0	$107,263	$56,000	Through a collaborative effort between the Todd County Board of Commissioners, county administration, Sauk River Watershed District, and lake associations, a systematic septic inventory program has begun. Four lakes with 1200 parcels total have been researched and groundtruthed for imminent health threats and will have compliance inspections completed by 2011.	BWSR: $92,900 invt., $9,000 database, $5,663 admin.	
	Anoka County	$0	$30,250	$7,961	Anoka County is submitting this application on behalf of and in partnership with the City of Columbus. The City of Columbus is applying for this grant to replace an outdated septic system pumping and monitoring computer software. The current software no longer has software support from its vendor for software changes or updates nor does it have the capability to be supported by future versions of a windows based operating system. This project will enable the city to continue the Columbus Septic System Pumping and Monitoring Program well into the future.	BWSR: $29,500 software, $750 admin.	
	Totals	**$366,975**	**$370,573**	**$560,661**	***Includes 5% admin maximum**		
	Funds Remaining	**$55,680**	**$697,253**				

BWSR 2011 CWF Conservation Drainage Application Summary

Conservation Drainage Total Requested = $353,368.42
Conservation Drainage Total Available = $313,500

Application ID	Applicant	LGU Type	Project Title	Project Abstract	Percent Admin	Total Grant Request	Recommended Grant	Total Match	Comments
C11-142	Cottonwood and Jackson SWCDs	SWCD	Fish Lake Outlet Mitigation Project	This project will eliminate nitrogen and fecal bacteria from all tile outlets entering Fish lake. We will use wood chip bio reactors to remove the nitrogen and a joint wastewater treatment system to remove the septic discharge. All landowners have been contacted and have agreed to proceed with the project.	0	$268,000.00	$255,900.00	$68,700.00	A septic project that was proposed to be used as match was removed because it had no connection to the bio reactors.
C11-68	Dodge County Environmental Services	County	Improving Woodchip Bioreactors for Agricultural Nitrate and Phosphorus Reduction	This project involves the installation of a woodchip bioreactor on a tile-drained agricultural field, which will feature improvements in design, and monitoring scope, as compared to a previous bioreactor constructed in Dodge County in 2007. This bioreactor should demonstrate a cost-effective way for agricultural producers to reduce the nitrate level of tile discharge water, and further the understanding of how these same units can aid in phosphorus management as well.	0	$30,000.00	$30,000.00	$7,500.00	
C11-03	Red Lake County SWCD	SWCD	Red Lake Watershed District Ditch 3 & Ditch 7 Project	Red Lake County SWCD will work cooperatively with the Red Lake Watershed District (RLWD) and the landowners involved to reduce erosion, provide temporary detention and eliminate sediment deposition along the Red Lake Watershed District Ditch #3 system by installing eight side water inlet structures and along the Red Lake Watershed District Ditch #7 system by installing eight side water inlet structures in Red Lake County.	5	$55,368.42	$27,600.00	$19,400.00	Initiative 1 not funded because it is for drainage records modernization

FY2011 Feedlot Grant MDA AgBMP Loan Requests

Application ID	Applicant	LGU Type	MDA AgBMP Loan Request
FL11-02	Anoka Conservation District	SWCD	$19,275
FL11-05 and FL11-16	Winona SWCD	SWCD	$416,366
FL11-06	Lyon SWCD	SWCD	$100,000
FL11-10	Root River SWCD	SWCD	$14,366
FL11-11	Fillmore SWCD	SWCD	$356,000
FL11-14	Brown County	County	$43,025
FL11-15	Nobles SWCD	SWCD	$48,607
			$997,639

FY2011 Clean Water Fund Competitive MDA AgBMP Loan Requests

Application ID	Applicant	LGU Type	MDA AgBMP Loan Request
C11-02	Yellow Medicine Soil & Water Conservation District	SWCD	$100,000
C11-32	Carver County	County	$300,000
C11-114	Houston County	County	$50,000
C11-125	Rice County Environmental Services	County	$100,000
C11-133	Douglas SWCD	SWCD	$133,500
C11-143	Cottonwood Soil and Water Conservation District	SWCD	$200,000
			$883,500

Board Resolution # 10-

FY 2011 COMPETIVE GRANTS PROGRAM FUNDING RECOMMENDATION

WHEREAS, Governor Pawlenty signed legislation establishing the Clean Water Fund (CWF) in M.S. 114D.50 on May 22nd, 2009; and,

WHEREAS, Laws of Minnesota 2009, Chapter 172, Section 6 appropriated CWF funds to the Board of Water and Soil Resources (BWSR); and,

WHEREAS, Laws of Minnesota 2010, Chapter 361, Article 2, Section 6 appropriated additional CWF funds to BWSR; and,

WHEREAS, BWSR has authority under Minn. Stat. 103B.3369 to make grants to cities, townships, counties, soil and water conservation districts, watershed districts, joint powers organizations and other special purpose districts and authorities with jurisdiction in water and related land resources management when a proposed project or activity implements a county water plan, watershed management plan or county groundwater plan; and,

WHEREAS, BWSR implementation of appropriated CWF funds is based on the Minnesota Constitution, Article XI, Section 15 which provides that funds may be "spent only to protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation", and that "dedicated money under this section must supplement traditional sources of funding for these purposes and may not be used as a substitute"; and,

WHEREAS, BWSR has previously endorsed an inter-agency granting strategy that included the MN Department of Agriculture (MDA), the Department of Natural Resources (DNR), the Minnesota Pollution Control Agency (MPCA), the Minnesota Department of Health (MDH), and BWSR with the goal of effectively coordinating water quality projects funded by the CWF and the State's General Fund; and,

WHEREAS, the CWF implementation strategy incorporates Minn. Stat. 114D.20 which directs the implementation of Clean Water Funds to be coordinated with existing authorities and program infrastructure; and,

WHEREAS, the CWF implementation strategy recognizes that funding decisions should be based on the best available scientific information and directed to where clean water protection, enhancement and restoration work is most needed and most effective; and,

WHEREAS, on June 23, 2010 (Board Resolution # 10-65) the Board:

1. Authorized staff to finalize, distribute and promote a request for proposals for the Clean Water Fund and Competitive Grants Program consistent with the provisions of Minn. Stat. 103B.3369 and this Board resolution;

2. Authorized staff to allocate technical assistance funds to the Clean Water Fund and Competitive Grants Program and other desirable initiatives;
3. Adopted the Clean Water Fund and Competitive Grants Program implementation schedule; and
4. Adopted the FY2011 Clean Water Fund Competitive Grants Policy.

WHEREAS, FY 2011 CWF competitive grant funds in the following amounts were made available to local governments through the RFP process that was open for applications from August 4 to September 15, 2010:

- $9,823,430 from the CWF appropriated to BWSR,
- $350,000, in addition to any funds that are carried over from FY2010, transferred to BWSR from the MPCA for subsurface sewage treatment system general fund grants, and
- Up to $2.2 million of Agricultural Best Management Practices Loan Program CWF Funds appropriated to the MDA; and,

WHEREAS, BWSR staff implemented a communication effort that included:

- email notification to eligible grantees on June 30, 2010, July 30, 2010 and August 4, 2010 of the application period;
- outreach meetings were held on July 26, 28, 29, 30 and August 3, 4, 5, 11, 17, 18, 2010 to review the grant programs; and
- a question and answer blog and question and answer document were established on the BWSR website to provide a accessible information outlet; and,

WHEREAS, on August 4, 2010 (Board Resolution # 10-70) the Board amended the FY2011 Clean Water Fund Competitive Grants Policy to address concerns regarding stormwater projects occurring on public versus private land, and distinctions between point and non-point source projects as presented in the policy adopted on June 23, 2010; and,

WHEREAS, local governments throughout the state submitted 159 applications that requested in excess of $28 million in state funds for CWF competitive projects; and,

WHEREAS, the FY 2011 CWF project proposals were initially assessed by BWSR staff and then scored an interagency team consisting of staff from the MDA, the DNR, the MPCA, the MDH, and the BWSR based on the following criteria:

- Project Description: The proposed project demonstrates a high potential of long-term success based on project organization and management structure, partner support and public involvement within the project area.
- Anticipated Outcomes: The outcomes expected upon completion of the project initiatives on the water resources are identified, including a description of the resulting primary and secondary public benefits such as pollution reduction, or groundwater or drinking water protection, hydrologic restoration, or aquatic habitat improvement.
- Project Readiness: The application has a set of specific initiatives that can be implemented soon after grant award.

- Prioritization and Relationship to Plan: The proposal is based on priority protection or restoration actions listed in or derived from an approved Comprehensive Local Water Management Plan or approved TMDL Implementation plan.
- Groundwater and Drinking Water Protection: Proposed activities have the goal of protecting groundwater or drinking water.

WHEREAS, local governments throughout the state submitted 7 applications that requested $737,548 in state funds for SSTS Inventory and Program Enhancement projects; and,

WHEREAS, the SSTS Inventory and Program Enhancement project proposals were reviewed by BWSR and MPCA staff based on the same criteria as used for the CWF proposals; and

WHEREAS, local governments throughout the state submitted 3 applications requesting $353,368 in state funds for Conservation Drainage projects; and,

WHEREAS, the Conservation Drainage Grants proposals were evaluated by an interagency team consisting of staff from the MDA, the DNR, the MPCA, University of Minnesota, USDA-Natural Resources Conservation Service, Minnesota State University-Mankato, and the BWSR based on the following criteria:

- Problem Identification & relationship to TMDL or local water management plan,
- Current monitoring activity,
- Fit to conservation drainage program objectives,
- Project evaluation plan, and
- Public outreach plans,
- Overall proposal quality and completeness; and,

WHEREAS, the BWSR Senior Management Team (SMT) reviewed the recommendations provided by the interagency and BWSR staff teams on November 9, 2010; and,

WHEREAS, the Grants Program and Policy Committee reviewed the funding recommendation provided by SMT on November 17, 2010.

NOW THEREFORE, the Board hereby:

1) Approves allocations to implement the FY 2011 Competitive Grant Program according to the attached Funding Recommendation spreadsheets for the following programs and recommended allocation amounts shown below:

Grant Program		Allocated Funds
A. BWSR Clean Water Fund		
i.	Runoff Reduction Grants	$3,147,800
ii.	Clean Water Assistance Grants	$2,650,000
iii.	Shoreland Improvement Grants	$1,325,417
iv.	Restoration Technical Assistance Grants	$1,318,887
v.	Conservation Drainage Grants:	$ 313,500

B. MPCA SSTS Inventory Grants $422,655
C. BWSR SSTS Program Enhancement Grants $314,893,

2) Authorizes staff to forward a recommendation to the MDA to allocate $883,500 of Agricultural BMP Loan Program to projects and activities proposed through BWSR-led competitive grant making processes, and

3) and, authorizes staff to:

A. approve project workplans,

B. enter into grant agreements consistent with this resolution and Legislative appropriations, and

C. assign funds, noted in (1) that may become available, to unfunded projects, in rank order, if funded projects are withdrawn, do not receive workplan approval by March 31, 2011 unless extended for cause, or are modified to reduce the state funding needed to accomplish the project.

_____ Date: _____

Brian Napstad, Chair
Board of Water and Soil Resources

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **FY2011 Clean Water Fund Shifting Authorization**

Meeting Date:

Agenda Category: ☒ Committee Recommendation ☒ New Business ☐ Old Business
Item Type: ☒ Decision ☐ Discussion ☐ Information
Section/Region:
Contact: Dave Weirens
Prepared by: Dave Weirens
Reviewed by: Grants Program and Policy Committee Committee(s)
Presented by: Dave Weirens

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested
☐ Other:

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☒ Clean Water Fund Budget

ACTION REQUESTED

The Board is requested to adopt the recommendation of the Grants Program and Policy Committee to:

1) Authorize shifting Sub-surface Sewage Treatment System (SSTS) Program Enhancement Grant Funds to fund applications received under the SSTS Imminent Health Threat Abatement Continuous Sign-up Grants;
2) Authorize shifting Sub-surface Sewage Treatment System (SSTS) Program Enhancement Grant Funds and CWF Feedlot Water Quality funds to otherwise unfunded CWF Competitive Grant applications; and
3) Authorize staff to implement this resolution consistent with BWSR grant making processes and practices.

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
BWSR has authority under Laws of Minnesota 2009, Chapter 172, Section 6 to shift funds to "leverage federal or other nonstate funds or to address oversight responsibilities or high-priority needs identified in local water management plans". Following the review and allocation, or recommendation, to fund projects under all FY2011 CWF grant programs, $267,027 of Feedlot Water Quality Continuous Sign-up Grant funds and $752,933 of SSTS Program Enhancement Grant funds remain unallocated.

Following recommendations provided by BWSR staff, the Grants Program and Policy Committee is recommending using these funds to implement projects that were proposed during the SSTS Imminent Health Threat Abatement Continuous Sign-up Grants and CWF Competitive Grant applications that are otherwise unfunded.

Board of Water and Soil Resources

Shifting FY2011 Competitive Grants
November 17, 2010

BWSR Authority.
The Clean Water Fund appropriations initially made during the 2009 Legislative session were amended during the 2010 Session to provide the Board with flexibility in utilizing Clean Water Funds for Constitutionally acceptable purposes. This flexibility authorizes the Board to shift or "repurpose" funds to: ". . . leverage federal or other nonstate funds or to address oversight responsibilities or high-priority needs identified in local water management plans. . . ".

Application periods were held to utilize funds as appropriated from October 15, 2009 to December 1, 2009, July 1, 2010 to August 15, 2010, August 16, 2010 to September 30, 2010, and August 1, 2010 to September 15, 2010. As is discussed below, funds remain unallocated or not recommended for allocation due to insufficient applications in two program areas.

Unallocated Feedlot Water Quality and SSTS Inventory and Program Enhancement Funds.
After two rounds of Feedlot Water Quality Continuous Sign-ups and the CWF Competitive RFP, there remain unallocated funds of $267,027 in CWF Feedlot Water Quality funds and $752,933 of SSTS Program Enhancement funds for a total remainder of $1,019,960.

BWSR Senior Management Team on November 9, 2010 and the Grants Program and Policy Committee on November 17, 2010 reviewed options for utilizing these funds and is recommending two separate shifts as outlined below.

Recommendation #1: SMT recommends that up to $385,994 of the SSTS Program Enhancement funds be shifted to fund the SSTS Imminent Health Threat Abatement applications received in the first round of the continuous sign-up program that ended on August 15. These applications were not funded due to insufficient funds. (see spreadsheet- Not Funded SSTS Imminent Health Threat Abatement Continuous Sign-up Applications from the 1st Sign-up Round)

Recommendation #2: Shift $267,027 in CWF Feedlot Water Quality funds and up to $366,939 of CWF SSTS Program Enhancement funds to the CWF competitive grants (Runoff Reduction, Clean Water Assistance, and Shoreland Improvement) and fund projects that ranked next highest on the interagency scoring list. (see spreadsheet – FY2011 Clean Water Fund Competitive Grant Shifting Option)

In making this recommendation, the Grants Program and Policy Committee considered two other options.

Option #1: Shift the $267,027 in CWF Feedlot Water Quality funds and up to $366,939 of CWF SSTS Program Enhancement funds to SSTS Imminent Health Threat Abatement Grants and re-open another application period.

Option #2: Do not shift any funds but re-open another application period for Feedlot Water Quality and SSTS Program Enhancement Projects, while also requesting SSTS Imminent Health Threat Abatement projects to anticipate the possibility of receiving inadequate requests for the SSTS Program Enhancement funds.

Factors to Consider.
In reviewing these options and making a recommendation for the Board's consideration, the Committee considered the following factors:

Relationship to original appropriation. BWSR has not previously implemented the "repurposing" authority available under Clean Water Fund appropriations; therefore the Board should consider the precedent setting nature of this first decision. The proposed repurpose or shift from SSTS Program Enhancement to SSTS Imminent Health Threat Abatement is in the same program area and therefore could be considered to be minor in nature. However, a shift from SSTS projects to other BMPs, while still allowed, moves further away from the base purpose of the funds, which, in this case, is to address SSTS Program needs.

Efficiency. Generally speaking, funding projects that have already been proposed is more efficient as no further effort is required to identify projects on the part of BWSR, nor is more effort required of local governments to propose new activities.

Applicant expectations. Local governments that have applied for funds have the expectation that they might receive funding. Local governments also expect that the State will support their implementation of state approved plans and in the implementation of state mandated regulatory programs. Which option best addresses these expectations?

Timeliness. A goal of BWSR grant-making is to get the funds into the hands of local governments as quickly as possible. A closely followed goal is for local governments to implement the proposed activities as quickly as possible following BWSR approval and receipt of funds. Which option will ensure the funds are timely distributed and utilized by grantees?

Relationship to local water management planning. Which option will most likely generate activities that are closely tied to priorities included in state approved, locally adopted water management plans? BWSR has a strong interest in supporting locally driven implementation of these plans.

Program Requirements. Is there a requirement for the landowner or local government to address the water quality issue that is the target of the application? Does it matter if the requirement is based on a regulatory requirement (SSTS or feedlot for example) or on the implementation of a TMDL implementation plan? Should timelines for action in the regulatory program influence BWSR funding decisions? How should BWSR utilize these funds to address these considerations?

Other considerations discussed by the Committee were a concern over losing funds if not used, and/or there would be negative impact on future appropriations if funds are not appropriated. A final issue discussed is the economic impact of utilizing these funds.

Not Funded SSTS Imminent Health Threat Abatement Continuous Sign-up Applications from the 1st Sign-up Round

Application ID	Applicant	Number of Projects	Subtotal SSTS Installation Costs	Percent Admin.	Subtotal Grant Admin.	Total BWSR Grant Request	Status	Comments
SS11-58	Stearns County Environmental Services	1	$10,000.00	0	$0.00	$10,000.00	**On Hold**	Funding depleted
SS11-59	Stearns County Environmental Services	1	$12,360.00	0	$0.00	$12,360.00	**On Hold**	Funding depleted
SS11-60	Stearns County Environmental Services	1	$9,500.00	0	$0.00	$9,500.00	**On Hold**	Funding depleted
SS11-61	Chisago County Environmental Services/Zoning	9	$45,000.00	5	$2,368.00	$47,368.00	**On Hold**	Funding depleted
SS11-62	Lake County	6	$84,000.00	0	$0.00	$84,000.00	**On Hold**	Funding depleted
SS11-63	Lake of the Woods County Land & Water Planning Office	15	$107,500.00	5	$5,657.89	$113,158	**On Hold**	Funding depleted
SS11-64	Stearns County Environmental Services	1	$10,550.00	0	$0.00	$10,550.00	**On Hold**	Funding depleted
SS11-65	Scott County	1	$12,500.00	5	$657.89	$13,158	**On Hold**	Funding depleted
SS11-66	Jackson County	6	$44,982	2	$918	$45,900	**On Hold**	Funding depleted
SS11-67	Tofte-Schroeder Sanitary Sewer District	15	$40,000.00	0	$0.00	$40,000.00	**On Hold**	Funding depleted

Unallocated SSTS Program Enhancement Funds	$752,933

Total for Depleted Funds	$385,994

Row #	Application #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
1	C11-58	82.5	SE SWCD Technical Support Joint Powers Board	Multi-County	Nutrient Management in the Lower Mississippi River Watershed	Two nutrient management specialists will assist landowners in an eleven county area with writing nutrient management plans and implementing BMP's for manure and fertilizer use.	$161,616 (RTA)	$161,616 (RTA)
2	C11-18	80.5	Ramsey Conservation District	Ramsey	Protecting Ramsey County's Drinking Water Supply Management Areas	This project will target the sealing of abandoned and unused wells within groundwater recharge zones of municipal water supply wells.	$188,947 (CWA)	$128,625 (CWA)
3	C11-81	79.2	Greater Blue Earth River Basin Alliance	Multi-County	Blue Earth River Basin Clean Water Fund Positions	This project will help fund and support 4 positions assisting landowners and local units of government within the Greater Blue Earth River basin. The positions include: nutrient management specialist, conservation agronomist, urban outreach specialist, and a watershed technician for the Cobb River sub-watershed.	$242,075 (RTA)	$242,075 (RTA)
4	C11-129	78.8	Red Lake Watershed District	Red Lake	Grade Stabilization for Reduction of Sedimentation in the Thief River	This project will result in the installation of six grade stabilization structures, side water inlets, and stream bank stabilization in the lower 2.5 miles of CD20.	$187,974 (RR/SL)	$187,974 (RR/SL)
5	C11-43	78.6	Lincoln SWCD	Lincoln	Verdi Wellhead Protection Area Project - 2011	This project will reduce nitrate levels in the Verdi well field drinking water supply by providing landowners educational information and incentives by developing nutrient management plans, utilizing variable rate technology, utilizing nitrogen stabilizers/nitrogen efficiency products, and installing targeted filter strips.	$184,211 (CWA)	$184,211 (CWA)
6	C11-59	74.9	Fillmore SWCD	Fillmore	Grazing Management Initiative for the Root, Whitewater and Adjacent Watersheds	A Grazing Management Specialist in the Root and Whitewater watersheds will provide technical assistance for developing prescribed grazing plans and implementing grazing practices through EQIP and other programs.	$126,316 (RTA)	$126,316 (RTA)
7	C11-20	74.6	Rock County SWCD/Land Mgt	Rock	Rock River Turbidity and Fecal Coliform Reduction	This project will stabilize 1600' of eroding stream bank and also reduce storm water runoff with the installation of 3 rain gardens within the city of Luverne.	$46,598 (CWA)	$46,598 (CWA)
8	C11-156	74.5	Red Lake County SWCD	Red Lake	Accelerated Erosion Control Projects in the Red Lake River Watershed	This project will reduce sediment from high priority sites by installing two grassed waterways, two grade stabilization structures and stabilizing, a stream bank.	$102,895 (CWA)	$102,895 (CWA)
9	C11-50	74.5	Benton SWCD	Benton	Little Rock Impaired Waters Kickoff	This project will accelerate the adoption of high priority BMP's in the Little Rock Lake and Creek watersheds. Efforts will include a new watershed wide irrigation water management program that is intended to be funded by irrigators by the end of the grant program.	$103,745 (RTA/SL)	$84,211 (RTA)
10	C11-91	74.1	Nobles SWCD	Nobles	Langseth Family (Lake Ocheda) Shoreline Improvement Project	This project will improve a 1600 foot lake shoreline resulting in improved water quality, fishery and upland habitat, historical preservation and improved drinking water supplies in Lake Ocheda.	$162,105 (SL)	$162,105 (SL)
11	C11-22	74.0	Wilkin Soil and Water Conservation District	Wilkin	Lower Otter Tail River Sediment Reduction Project Phase IV	This project will install water control structures, side-inlets, and buffer strips into county ditch systems. Additionally, these practices will provide significant flood control benefits by storing water on the land.	$196,842 (CWA)	$196,842 (CWA)
12	C11-32	73.7	Carver County	Carver	Carver County Fecal Coliform Implementation IV	Carver County has been targeting sub-watersheds of Carver, Bevens, and Silver Creeks and using direct marketing to promote BMP's, incentive programs, and stepped up enforcement of ordinances. This application will continue funding for staff and programs that are currently set to expire in June, 2011	$178,571 (RTA)	$178,571 (RTA)
13	C11-67	72.6	Winona County	Winona	Winona County Well Sealing Cost share Project	This project will be used for sealing wells in a targeted area in effort to prevent groundwater contamination.	$30,000 (CWA)	$30,000 (CWA)

RTA =Restoration Technical Assistance; RR=Runoff Reduction; CWA=Clean Water Assistance; SL = Shoreland

Row #	Application #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
14	C11-101	72.6	Olmsted Soil and Water Conservation District	Olmsted	Protecting Groundwater by Assisting Oronoco Residents in Well Sealing	The City of Oronoco is nearing completion of its municipal water system. This project will provide cost-share to residents connecting to the Oronoco Water System that have unused or abandoned wells that need to be sealed to protect groundwater.	$128,866 (CWA)	$114,446 (CWA)
15	C11-145	72.4	Cedar River Watershed District	Mower	Dobbins Creek Watershed Restoration	This project will implement activities in the 2009 Ag Watershed Restoration study funded by BWSR. Practices to be installed include: a wetland restoration and stream stabilizations that will trap sediments and stabilize stream banks in the Dobbins Creek Watershed.	$163,596 (RR/SL)	$163,596 (RR)
16	C11-124	72.0	Bassett Creek Watershed Management Commission	Hennepin	Wirth Lake Outlet Modification Project	This project is the only project listed in the Wirth Lake TMDL implementation plan. By preventing backflow from Bassett Creek, the Wirth Lake outlet modification will reduce the TP load to the lake.	$75,000 (CWA)	$75,000 (RR)
17	C11-78	71.4	Pomme De Terre River Association	Grant	Pomme de Terre River Watershed Best Management Practice (BMP) Initiative	This is a five SWCD/County cooperative project to accelerate the implementation of BMPs within the Pomme de Terre River Watershed. Our goal is to reduce sedimentation by 26,601 tons/yr and phosphorus loading by 26,621 lb/yr. Fecal coliform contamination will also be reduced in the Pomme de Terre River.	$502,684 (CWA)	$257,610 (RR/SL/RTA)
18	C11-38	71.3	East Otter Tail Soil and Water Conservation District	Otter Tail	East Otter Tail Groundwater Protection Project	This project will provide incentives to encourage irrigation producers to convert high or medium pressure irrigation systems to low pressure systems, which will prevent potential nitrate-nitrogen and other potential groundwater contamination through leaching due to over irrigation	$174,742 (CWA)	$87,371 (CWA)
19	C11-15	70.9	Sauk River Watershed District	Stearns	Sauk River Stormwater Runoff Reduction and Riparian Restoration Project	This project will install 29 urban stormwater/shore land projects on private property and 7 on city or school property.	$435,289 (RR/SL)	$435,289 (RR/SL)
20	C11-159	70.7	Pennington SWCD	Pennington	Judicial Ditch #30 & #18 Buffer Initiative	This project will provide incentive payments for landowners to install 50' wide buffer strips and grade stabilization structures from field ditches along 24 mile ditch system.	$187,687 (CWA)	$93,844 (CWA)
21	C11-96	70.4	South St. Louis Soil & Water Conservation District	St. Louis	Miller Creek Urban Trout Stream Restoration Projects	This project will restore 3,400 ft. of Miller Creek, a designated trout stream in Duluth.	$154,893 (CWA)	$154,893 (CWA)
22	C11-87	69.9	Two Rivers Watershed District	Kittson	Lake Bronson Watershed Runoff Reduction Project	The project will reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative practices within Lake Bronson and upland subwatersheds. Emphasis will be placed on State Ditch 90, 91 and 95 which are subwatersheds within the Two Rivers Watershed District (TRWD).	$200,000 (CWA)	$100,000 (RR)
23	C11-85	69.1	Brown's Creek Watershed District	Washington	Brown's Creek Thermal Load Reduction	Brown's Creek Watershed District and Oak Glen Golf Course will partner to achieve significant thermal and sediment reductions in biologically impaired Brown's Creek by installing 2.25 acres of buffer and restoring 1300 feet of stream bank.	$210,000 (SL)	$210,000 (SL)
24	C11-111	69.1	Lake of the Woods Soil and Water Conservation District	Lake of the Woods	Bostic and Zippel Watershed Stabilization and Water Retention Project	This project will reduce erosion, sedimentation, and nutrient transport within the Bostic and Zippel Watersheds by installing grade stabilization, side water inlets, and gully stabilization projects and developing a water retention plan.	$52,105 (CWA)	$52,105 (CWA)

RTA =Restoration Technical Assistance; RR=Runoff Reduction; CWA=Clean Water Assistance; SL = Shoreland

Row #	Application #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
25	C11-30	68.7	Todd Soil & Water Conservation District	Todd	Swan River Headwaters Clean Water Fund	This project targets nineteen landowners within the Swan River Watershed . The practices installed will control pollutants and sediment from entering surface waters.	$203,158 (SL)	$203,158(CWA)
26	C11-151	68.7	City of St. Louis Park	Hennepin	Minnehaha Creek Stream Meander - St. Louis Park	This project aims to re-meander a section of Minnehaha Creek through a highly urbanized area of St. Louis Park. The project will include increased riparian buffers, stream bank stabilization, vegetative restoration, and construction of water quality treatment practices.	$300,000 (SL)	$300,000 (SL)
27	C11-05	68.6	Rice Creek Watershed District	Anoka	Moore Lake Water Quality Enhancements	This project will construct three rain gardens to infiltrate stormwater runoff near the Fridley Middle School. The BMP's will improve water quality of West Moore Lake and provide opportunity to educate students and the public in responsible stormwater management.	$136,336 (RR)	
28	C11-102	68.1	Elk River Watershed Association	Sherburne	Elk River Watershed Pollution Loading Reduction Project	Elk River Watershed Association (ERWSA) has commitments from cooperators to restore shore lands, treat stormwater, manage manure and create a wetland.	$149,104 (SL)	$149,104 (CWA)
29	C11-103	66.7	Isanti County Zoning Department	Isanti	Isanti County Native Grass/ Stormwater BMP Demonstration Project	The project will reduce runoff and protect groundwater by establishing native plantings on at least 150 acres of private lands in priority areas and establish stormwater reduction and other BMP projects in county parks.	$145,484 (CWA)	$65,924 (CWA)
30	C11-03	66.3	Red Lake County SWCD	Red Lake	Accelerated Streambank & Shoreland Projects in the Clearwater River Watershed.	This project will construct two streambank stabilizations identified in an Erosion Site Inventory conducted by Red Lake County SWCD.	$103,789 (CWA)	$48,421 (SL)
31	C11-126	65.5	Prior Lake-Spring Lake Watershed District	Scott	Spring and Prior Lake Upper Watershed Stormwater Runoff Volume Reduction	This project will store an additional 186 ac-ft of stormwater per year in the upper watershed of Spring and Prior Lake through wetland reestablishment and restoring natural infiltration capacity of several topographic depressions.	$195,600 (RR)	$195,600 (RR)
32	C11 -157	65.4	Pennington SWCD	Pennington	The Ralph Engelstad Arena Raingarden Project	The Ralph Engelstad Arena covers about two city blocks and is covered by 85-90% impervious surface. This project will utilizing multiple raingardens to store water onsite and control stormwater runoff.	$88,681 (CWA)	$88,681 (CWA)
33	C11-93	65.0	Aitkin County SWCD	Aitkin	Cedar and Farm Island Lakes, Reversing the Downward Trend	Cedar and Farm Island are large recreational lakes located in the Aitkin/Brainerd Lakes area. Both lakes are showing significant downward trends in water clarity. This project seeks to reverse that trend before these lakes degrade further and become impaired.	$108,011 (CWA/SL)	$108,011 (CWA)
34	C11-69	64.7	Greater Blue Earth River Basin Alliance	Multi-County	The Greater Blue Earth River Basin Alliance Agricultural Shoreland Initiative	This project will identify DNR protected shoreland in GBERBA counties without a 50' buffer. Implementation of buffers and landowner Education will also be undertaken.	$267,368 (CWA)	$100,000 (CW/SL)
35	C11-83	64.7	Sauk River Watershed District	Stearns	Technical Assistance for Sauk River Watershed - Mississippi River Basin Initiative	This project will provide technical assistance for the Upper Mississippi River Basin Initiative (MRBI) project in the Sauk River Watershed.	$231,579 (CWA)	$168,421 (RTA)
36	C11-71	64.5	Buffalo-Red River Watershed District	Clay	Wolverton Creek Restoration and Sediment Reduction Project	This project aims to reduce erosion and sedimentation in Wolverton Creek by installing side inlets, bufferstrips, conservation tillage, and channel restoration design.	$306,837 (RTA)	$253,229 (RR)
37	C11-07	64.0	Chisago Soil and Water Conservation District	Chisago	Chain of Lakes Stormwater Retrofit Assessment Best Management Practices	The Chisago Lakes Chain of Lakes Stormwater Retrofit Assessment has assessed 54 small watersheds for the optimal locations for best management practices. A long list of BMPs has been identified and this project will take the next step is to design and install priority projects.	$230,526 (CWA)	$230,526 (CWA)

RTA =Restoration Technical Assistance; RR=Runoff Reduction; CWA=Clean Water Assistance; SL = Shoreland

Row #	Application #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
38	C11-149	63.8	Prior Lake-Spring Lake Watershed District	Scott	Upper Prior Lake – Targeted Stormwater BMP Retrofits & Enhancements	This project will enhance 11 existing water quality ponds to include iron-sand enhanced filtration, hydro period modification and increased storage. In addition, 39 retrofit bioretention raingardens targeted in untreated subwatersheds and a 210 SF permeable pavement area will be constructed.	$189,511 (CWA)	$189,511 (RR)
39	C11-60	63.4	Buffalo - Red River Watershed District	Clay	Upper South Branch BMP Strategic Implementation Plan	LiDAR terrain analysis will be used to determine BMP locations to reduce sediment loads and runoff contamination. BMPs will be implemented at these locations.	$135,364 (RTA)	$135,364 (RTA/RR)
40	C11-42	62.9	Scott Watershed Management Organization	Scott	Sand Creek & Prior Lake/Spring Lake Watersheds Wetland Restoration Project	This proposal is to fund Early Adopter payments to promote participation in a regional watershed project having the goal of improving water quality and expanding wildlife habitat by permanently restoring and enhancing up to 500 acres of wetlands in the Sand Creek and Prior/Spring Lake Watersheds.	$80,000 (RR)	$80,000 (RR)
41	C11-128	62.6	West Otter Tail SWCD	Otter Tail	Otter Tail and Pelican River BMP Implementation Project Plan	This project will help promote and design BMPs that are priorities in the Lower Otter Tail Watershed TMDL implementation plan.	$65,684 (RTA)	$65,684 (RTA)
42	C11-107	62.5	Bois de Sioux Watershed District	Traverse	Mustinka River Turbidity TMDL Implementation Project	This project will work to complete goals outlined within the Mustinka River TMDL Implementation Plan. Implementing BMPs will annually reduce a total of 31,250 tons of sediment and 31,250 pounds of phosphorus loading into the Mustinka River.	$260,211 (RR)	$130,106 (RR)
43	C11-148	62.0	Pennington SWCD	Pennington	Halvorson Streambank Restoration	Stabilize 300' of the Thief River streambank to protect a home plus improve water quality in an impaired water and a city drinking water supply.	$34,375 (SL)	$34,375 (SL)
44	C11-53	61.8	Carlton SWCD	Carlton	Elim Creek Restoration Through Aging Sediment Retention Structure Removal	This project will remove three, 30 year old sediment control structures and restore 1/3 mile of Elim Creek. The project will correct 304 tons of soil loss and remove the threat of 956 tons of sediment transport to the North Fork of the Nemadji River that is impaired for turbidity.	$119,522 (CWA)	$119,522 (CWA)
45	C11-104	61.6	Blue Earth County	Blue Earth	Blue Earth County Shoreland Buffer Initiative	Restoration technical assistance will be targeted in shoreland areas within impaired watersheds to establishment of riparian buffers and other practices.	$136,842 (RTA)	$136,842 (RTA)
46	C11-09	60.8	Chisago Soil and Water Conservation District	Chisago	St. Croix River escarpment gully stabilization inventory and outreach program	This project will inventory the active gully erosion sites along the St. Croix River escarpment from the Wild River State Park entrance south to the County line. This inventory will be utilized to contact landowners and begin the process of developing a plan to implement BMP's.	$31,579 (RTA)	$31,579 (RTA)
47	C11-90	60.8	Becker Soil & Water Conservation District	Becker	Campbell Creek Phosphorus and Sedimentation Reduction Project	Continue the successful efforts of erosion and sediment reduction in the Campbell Creek/Floyd chain of lakes area and the Buffalo River through the installation of sediment and erosion control basins and native buffers.	$57,653 (CWA)	$57,653 (SL)
48	C11-63	60.7	Ramsey Washington Metro Watershed District	Ramsey	North Saint Paul Living Street Project	The proposed 2-block street reconstruction project addresses aspects of the Kohlman Lake TMDL Implementation Plan through construction of infiltration rainwater gardens, urban trees and narrowed streets in a distributed fashion in a residential setting, achieving runoff volume reduction and pollutant reduction.	$566,000 (RR)	$566,000 (RR)

RTA =Restoration Technical Assistance; RR=Runoff Reduction; CWA=Clean Water Assistance; SL = Shoreland

Row #	Application #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
49	C11-88	60.7	Middle St. Croix Watershed Management Organization	Washington	Lily Lake Stormwater Retrofit Project	This project will implement priority stormwater treatment projects identified in the Lily Lake Stormwater Retrofit Assessment Report. Implementation will reduce phosphorous inputs to Lily Lake by 9.5 lbs/yr, reduce TSS to Lily Lake by 8,566 lbs/yr and provide a volume reduction of 7.7 acre-feet/yr	$43,400 (RR)	$43,400 (RR)
50	C11-144	60.5	Crow Wing Soils and Water Conservation District	Crow Wing	Catch, Clean, Circulate, Stormwater Management for Gull and Trout Lakesheds	This project will implement projects that will intercept, infiltrate, and treat runoff which will reduce phosphorus and sediment inputs into Gull and Trout Lakes.	$136,300 (CWA)	$136,300 (CWA)
51	C11-04	60.5	East Polk Soil and Water Conservation District	Polk	Sand Hill River Watershed Accelerated Erosion Area BMP's	This project would assist in the installation of 29 sediment basins in the Upper Sand Hill River Watershed.	$281,053 (CWA)	$281,053 (CWA)
52	C11-33	60.3	Carver County WMO	Carver	Reitz Lake Restoration Project	Reitz Lake's water quality will improve by installing a water retention structure, enhancing/restoring a wetland and installing several raingardens/shoreland restorations.	$127,551 (RR/SL)	$127,551 (RR/SL)
53	C11-77	60.0	City of Orono	Hennepin	Stubbs Bay Ravine Stabilization	This project will repair an eroding ravine that drains into Stubbs Bay on Lake Minnetonka. The proposed project is to regrade the ravine, install grade breaks, and stabilize it with native vegetation and shrubs.	$183,684 (SL)	$183,684 (SL)
54	C11-105	59.9	Scott Watershed Management Organization	Scott	Cedar & O'Dowd Lake Shoreline Improvements	This project will reduce phosphorus input into Cedar and O'Dowd Lakes, create habitat to improve water quality by stabilizing shoreland in the Cedar Lake Farms Regional Park, and by restoring shoreland along O'Dowd Lake.	$30,000 (SL)	$15,000 (SL)
55	C11-146	59.7	Washington Conservation District	Washington	Powers Lake Priority Subwatershed Retrofit Project	This project will implement 20 priority stormwater treatment projects within two target catchments identified in the Powers Lake Subwatershed Assessment.	$37,632 (CWA)	$37,632 (CWA)
56	C11-89	59.5	Buffalo-Red River Watershed District	Becker	Continuation of Hay Creek/Stinking Lake Sediment Reduction Project	Continue the successful efforts of erosion and sediment reduction in the Hay Creek/Stinking Lake Watershed through the installation 19 additional sediment and erosion control basins.	$105,408 (RR)	$105,408 (RR)
57	C11-06	59.5	Chisago Soil and Water Conservation District	Chisago	Implementation of Water-Smart Best Management Practices at Schools and Libraries	This project will implement BMPs to treat stormwater runoff at public school and library facilities in Chisago County.	$37,895 (CWA)	$37,895 (CWA)
58	C11-48	59.4	Murray County	Murray	Jackson-Cottonwood-Murray West Fork Des Moines River BMP Project	Construct sediment reduction projects in the Des Moines River watershed that include a structure enhancement in Cottonwood County, a bio swale and sediment control structure in Jackson County, and a retention structure in Murray County.	$83,064 (CWA)	$83,064 (CWA)
59	C11-37	59.2	Red Lake Watershed District	Red Lake	Grand Marais Creek Cut Channel Stabilization Project	Stabilize the outlet of Grand Marais Creek to reduce the sediment carried to the Red River of the North by up to 700 tons per year.	$662,000 (RR/SL)	$662,000 (RR/SL)
60	C11-65	59.1	Washington Conservation District	Washington	Armstrong Lake Restoration - Oakdale Library Water Quality Retrofit	Oakdale Library Water Quality Retrofit project will install a large parking lot bioretention facility and multiple rain gardens to reduce phosphorus loading and improve water quality in Armstrong Lake and Wilmes Lake.	$48,270 (CWA)	$48,270 (CWA) (RR)
61	C11-11	58.5	Chisago Soil and Water Conservation District	Chisago	Stabilization of erosion concerns adjacent to public roads and rivers	This project will implement numerous BMPs to correct multiple erosion concerns occurring adjacent to two public roads (Kost Dam Trail and County Road 81), which are in close proximity to the Sunrise River.	$89,474 (CWA)	$89,474 (CWA)
62	C11-08	58.4	Chisago Soil and Water Conservation District	Chisago	Pleasant Hill Park Stormwater Retrofit	The City of Lindstrom has identified this subwatershed as a high priority subwatershed for potential stormwater best management practices due to the high volume of untreated stormwater that discharges directly into South Lindstrom Lake. Concept plans have been completed that include a series of sediment forebays and filtration basins.	$263,158 (CWA)	$ -

RTA =Restoration Technical Assistance; RR=Runoff Reduction; CWA=Clean Water Assistance; SL = Shoreland

Row #	Application #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
63	C11-52	58.0	Cass Soil and Water Conservation District	Cass	Cass County Water Quality Enhancement and Shoreline Protection Project	This project consists of an erosion/sediment control project and two shoreline restoration and protection projects that will enhance and protect surface water quality in Cass County.	$193,553 (CWA/SL)	$133,542(CWA/SL)
64	C11-135	57.8	Le Sueur County	Le Sueur	Jefferson German Lakes Septic Inventory (JGLSI)	This project will install 46 shoreland projects that improve water quality on lakes in Le Sueur County.	$171,605 (CWA)	$ -
65	C11-40	57.4	East Otter Tail Soil and Water Conservation District	Otter Tail	Engaging and Equipping Lake Based Communities for Exceptional Resource Protection	The installation of community identified water quality projects supported by lake specific citizen engagement efforts to leverage and foster proactive lake protection planning and implementation activities.	$100,263 (SL)	
66		57.2	Lake of the Woods SWCD	Lake of the Woods	Rainy River Shoreline Stabilization Program	This project will install BMPs to reduce lakeshore and streambank erosion through project implementation and education.	$91,579 (CWA)	$ -
67	C11-56	57.1	Minnesota River Board JPB	37 county JPB	Community Clean-Ups for Water Quality	This project will engage citizens, businesses and organizations to prevent over 20,040 pounds of nitrogen and phosphorus from being transported in stormwater runoff and contaminating the associated water bodies through training, coordination and implementation of 120 organic waste Community Clean-Ups.	$300,000 (CWA)	$ -
68	C11-75	56.8	Lake SWCD	Lake	Stewart River Watershed Protection Project	This project will restore four severely eroding streambank sites along a 1.5 mile reach of the Stewart River.	$87,921 (SL)	$ -
69	C11-113	56.5	Grass Lake WMO	Ramsey	Improving Lake Owasso's Water Quality through Bioinfiltration in two Communities	This project will install several bioinfiltration systems within two drainage areas that ultimately feed into Lake Owasso.	$211,579 (RR)	$ -
70	C11-130	56.3	Washington SWCD	Washington	Lake Edith Shoreland Improvement Project	This shoreland project will improve water quality by stabilizing a large section of steep, highly erodible shoreline along Lake Edith, directly tributary to Valley Creek, a designated trout stream.	$73,684 (SL)	$ -
71	C11-34	56.2	Black Dog WMO	Dakota	Whitney Pond Water Quality Improvement Project	The project involves constructing a 1.9 acre detention pond with an in-pipe grit chamber and upland native plant buffer, 25' wide, to reduce the annual total phosphorus load to Keller Lake by 53 lbs.	$475,000 (RR)	$ -
72	C11-61	56.1	Buffalo Red River WD		Buffalo River Restoration and Floodplain Enhancement, Hawley, MN	This project will restore 5,600 feet of Buffalo River channel, add 34 acres of flood plain, and stabilize the river bank and rebuild dike protecting 56 homes.	$1,037,500 (CWA/RR/SL)	$ -
73	C11-12	56.0	Chisago SWCD	Chisago	Chisago County Urban and Lakeshore Best Management Practices Implementation Project	This project will install urban BMPs, including rain gardens and lakeshore restorations, that are ready for implementation within Chisago County.	$86,737 (CWA/SL)	$ -
74	C11-131	56.0	Bassett Creek Watershed Management Commission	Hennepin	Bassett Creek Reach 1, Subreaches 1 and 3 Restoration Project	This project will stabilize the stream and the stream banks at 15 locations along Bassett Creek. The project will stabilize a total of 900 feet of stream bank over a total reach length of approximately 6,300 feet.	$174,000 (RR)	$ -
75	C11-62	55.9	Coon Creek WD	Anoka	Clean Water at Schools - reducing pollution, increasing stewardship	This project will install BMPs to reduce degradation of Coon Creek while promoting stewardship for clean water at built-out school facilities. The pilot site is at the adjacent Coon Rapids Middle and High School campuses.	$224,576 (RR)	$ -
76	C11-132	55.4	Blue Earth SWCD	Blue Earth	Blue Earth County Ravine and Stream Channel Stabilization Design Assistance	that will significantly reduce gully, ravine, stream bank and bluff erosion and sedimentation in the Blue Earth, Le Sueur, Watonwan	$57,895 (RTA)	$57,895 (RTA)
77	C11-35	55.3	Mille Lacs SWCD	Mille Lacs	Mille Lacs SWCD Rum River Watershed Shoreline Restorations	This project will restore at least two separate areas of approximately 100 linear feet of badly eroded shoreline in Mille	$52,293 (RR/SL)	$ -
78	C11-80	54.4	Middle Fork Crow River WD	Kandiyohi	Green Lake Stormwater Improvement Project	This project is designed to reduce nutrients and sediment delivered to the lake via the implementation of stormwater BMPs.	$219,180 (RR/SL)	$ -

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Row #	Application #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
79	C11-137	54.0	Washington Conservation District	Washington	Washington County Green Churches Stormwater Retrofit Initiative	This project will install BMP's that include raingardens, pervious pavements, and rainwater harvesting methods to capture and improve water quality to downstream water resources.	$67,750 (CWA)	$ -
80	C11-66	53.9	Washington Conservation District	Washington	Highway 61 Commercial Stormwater Retrofit Flooding and Water Quality Improvement	This project will install multiple stormwater management practices on commercial site to reduce flooding and improve downstream water quality	$130,870 (CWA)	$ -
81	C11-47	53.5	Kanabec SWCD	Kanabec	Shoreland native vegetative buffers and rain gardens infiltration project	The project will focus on providing technical assistance to lake associations, landowers and local government units within the Snake River Watershed to reduce runoff and nutrient loading through the implementation of BMP's such as rain gardens and shoreland buffers.	$31,390 (SL)	$ -
82	C11-45	53.4	Morrison SWCD	Morrison	Sullivan/Platte Lakes Initiative and Platte/Skunk/Spunk Rivers Remedial Initiative	The Platte, Skunk, and Spunk creeks all are impaired tributaries to the Crane Meadows Wildlife Preserve. Affected by agriculture and erosion impacts, the goal would be to reduce the impacts in the headwaters prior to entering the wildlife refuge.	$159,579 (CWA)	$ -
83	C11-49	52.7	Carlton SWCD	Carlton	Shoreline Re-vegetation in Carlton County on Priority Lakes	This proposal will fund shoreline buffers establishment on 332 linear feet (16,975 sq.ft.) of lake shore on 3 priority lakes (4 sites). A county wide waters conference for lakeshore owners will highlight these buffers.	$71,697 (SL)	$ -
84	C11-86	51.6	Carver County	Carver	East Creek tributary urban stream stabilization	Use of proven stream restoration techniques and volume reduction BMPs will restore the tributary and reduce the amount of sediment and nutrients being transported to East Creek.	$124,490 (RR)	$ -
85	C11-10	50.8	Chisago SWCD	Chisago	Rock Creek Streambank Erosion Stabilization Project	This project is proposed to stabilize a large erosion concern located on the bank of the Rock Creek, approximately 3/4 of a mile from the St. Croix River. The goal of the project is to stabilize 225 feet (horizontal) by 30 feet (vertical) of severely eroded shoreline along the Creek.	$31,579 (SL)	$ -
86	C11-127	50.8	Bassett Creek Watershed Management Commission	Hennepin	North Branch Bassett Creek Restoration Project	This project will stabilize the stream and the stream banks at 20 locations within the North Branch of Bassett Creek.	$250,000 (RR)	$ -
87	C11-23	50.7	South Washington WD	Washington	C-P6 Pond Improvements	The installation of improvements to pond C-P6, which include the excavation of three pre-treatment basins plus a linear infiltration swale.	$339,039 (RR)	$ -
88	C11-01	50.6	Upper Minnesota River WD	Big Stone	Minnesota River Headwaters and Whetstone River Restoration Project	The project will be a cooperative effort to restore the historic Whetstone River channel between Big Stone Lake and Minnesota River.	$61,684 (RTA)	$ -
89	C11-24	50.4	South Washington WD	Washington	ED-P5 Pond Improvements	The proposed project will improve the quality of storm water runoff to downstream wetlands and the Mississippi River by retrofitting an existing dry stormwater basin with wet ponding cells and an infiltration cell.	$640,000 (RR)	$ -
90	C11-54	50.2	Steele SWCD	Steele	Straight River/County Road #3 Sediment Reduction Project	The proposed erosion control structure addresses an active gully that extends from the Straight River up to Steele County Road #3 (a distance of 200'). The proposed erosion control structure will remove 9.6 tons and over 9# of phosphorus per year from the system	$30,000 (CWA)	$ -
91	C11-46	46.1	Upper Minnesota River WD	Big Stone	Central Park Storm Water Erosion Control Project	This project represents the second phase of a three-phase project to reduce the sediment and nutrient loading from the Central Park storm water system to Big Stone Lake.	$80,000 (CWA)	$ -

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Row #	Application #	Score	Applicant	County	Project Title	Project Abstract	Total Grant Request	Total Grant Awarded
92	C11-19	45.8	SWCDs in Lac qui Parle WD	Yellow Medicine	SWCD CWF 2011 Project for the Lac qui Parle Watershed	This project will install BMPs within six impaired reaches of Lac qui Parle River by: replacing open tile intakes with alternative intakes; installing buffers on tile intakes and on ditches/streams; and implementing other structural BMPs.	$129,316 (CWA)	$ -
93	C11-74	44.2	Heron Lake WD	Multi-County	Heron Lake Watershed District Okabena Creek J-hook Weir Installation	Through this project the Heron Lake Watershed District (HLWD) will work with a landowner in Jackson County to install five J-hook weirs.	$30,785 (CWA)	$ -
94	C11-110	44.2	East Otter Tail SWCD	Otter Tail	Engaging Future Local Leaders Through Shoreland Stabilization and Bioretention Projects	Cultivate future local leaders by providing educational, financial, and technical assistance for shoreland stabilization projects in Otter Tail County, with priority given to projects on lakes with an increasing trophic state index (TSI) and a mean TSI of 51 or greater.	$141,432 (CWA)	$ -
95	C11-120	38.9	Renville County	Renville	2011 Olivia Storm Water Improvements / Beaver Creek Protection Project	The City of Olivia desires to construct two wet sedimentation basins in order to improve water quality and mitigate urban flooding in a 400-acre watershed.	$1,040,000 (SL)	$ -
96	C11-109	35.0	Olmsted SWCD	Olmsted	Byron Regional Stormwater Pond F	This project is for a regional stormwater detention pond near the City of Byron.	$136,842 (CWA)	$ -

RTA =Restoration Technical Assistance; RR=Runoff Reduction; CWA=Clean Water Assistance; SL = Shoreland

Board Resolution # 10-

SHIFTING FY2011 CWF FUNDS

WHEREAS, Governor Pawlenty signed legislation establishing the Clean Water Fund (CWF) in M.S. 114D.50 on May 22nd, 2009; and,

WHEREAS, Laws of Minnesota 2009, Chapter 172, Section 6 appropriated CWF funds to the Board of Water and Soil Resources (BWSR); and,

WHEREAS, BWSR has authority under Minn. Stat. 103B.3369 to make grants to cities, townships, counties, soil and water conservation districts, watershed districts, joint powers organizations and other special purpose districts and authorities with jurisdiction in water and related land resources management when a proposed project or activity implements a county water plan, watershed management plan or county groundwater plan; and,

WHEREAS, BWSR implementation of appropriated CWF funds is based on the Minnesota Constitution, Article XI, Section 15 which provides that funds may be "spent only to protect, enhance, and restore water quality in lakes, rivers, and streams and to protect groundwater from degradation", and that "dedicated money under this section must supplement traditional sources of funding for these purposes and may not be used as a substitute"; and,

WHEREAS, the CWF implementation strategy incorporates Minn. Stat. 114D.20 which directs the implementation of Clean Water Funds to be coordinated with existing authorities and program infrastructure; and,

WHEREAS, the CWF implementation strategy recognizes that funding decisions should be based on the best available scientific information and directed to where clean water protection, enhancement and restoration work is most needed and most effective; and,

WHEREAS, application periods were held for Feedlot Water Quality Grants and SSTS Imminent Health Threat Abatement Grants from October 15-December 1, 2009, and July 1-August 15, 2010 and for Feedlot Water Quality Grants from August 16-September 30, 2010; and,

WHEREAS, BWSR has authority under Laws of Minnesota 2009, Chapter 172, Section 6 to shift funds to "leverage federal or other nonstate funds or to address oversight responsibilities or high-priority needs identified in local water management plans"; and,

WHEREAS, after the application periods noted above, a total of $267,027 of FY2011 CWF Feedlot Water Quality funds are unallocated and $752,933 of FY2011 BWSR CWF SSTS Program Enhancement funds are unallocated; and,

WHEREAS, eligible applications requesting $385,994 were received under the SSTS Imminent Health Threat Abatement Continuous Sign-up Grants that are not previously funded due to insufficient funds; and,

WHEREAS, there are eligible applications received under the CWF competitive grants program that are not previously funded due to insufficient funds; and,

WHEREAS, the BWSR Senior Management Team (SMT) reviewed the recommendations provided by the BWSR staff on November 9, 2010 regarding the potential use of unallocated funds; and,

WHEREAS, the Grants Program and Policy Committee reviewed the funding recommendation provided by SMT on November 17, 2010.

NOW THEREFORE, the Board hereby:

1) Authorizes shifting of up to $385,994 of BWSR SSTS Inventory and Program Enhancement Grant Program funds to eligible applications received under the SSTS Imminent Health Threat Abatement Continuous Sign-up Grants according to the attached spreadsheet and as provided by Laws of Minnesota 2009, Chapter 172, Section 6; and,

2) Authorizes shifting of up to $267,027 in CWF Feedlot Water Quality funds and up to $366,939 of BWSR CWF SSTS Program Enhancement funds to CWF competitive grant applications according to the attached spreadsheet and as provided by Laws of Minnesota 2009, Chapter 172, Section 6; and,

3) Authorizes staff to:
A. approve project workplans,
B. enter into grant agreements consistent with this resolution and Legislative appropriations, and
C. assign funds, noted in (1) and (2) that may become available, to unfunded projects, in rank order, if funded projects are withdrawn, do not receive workplan approval by March 31, 2011 unless extended for cause, or are modified to reduce the state funding needed to accomplish the project.

_____ Date: _____

Brian Napstad, Chair
Board of Water and Soil Resources

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **Lake Protection Water Plan Challenge Grants Program**

Meeting Date: December 15, 2010

Agenda Category: ☒ Committee Recommendation ☒ New Business ☐ Old Business

Item Type: ☒ Decision ☐ Discussion ☐ Information

Section/Region:

Contact: Dave Weirens/Jeff Hrubes

Prepared by: Dave Weirens

Reviewed by: Grants Program and Policy Committee Committee(s)

Presented by: Dave Weirens/Jeff Hrubes

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☒ Other: 2008 Clean Water Legacy Returned Funds

ACTION REQUESTED

The Board is requested to adopt the recommendation of the Grants Program and Policy Committee to authorize staff to conduct a challenge grant program for lake protection using returned 2008 Clean Water Legacy Funds.

SUMMARY

(*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

In 2008, a pilot project in Cass, Crow Wing and Aitkin Counties developed a template for presenting and assessing lake and land use information in a format useful to citizens and decision-makers. The pilot program successfully developed a template that assessed 45 lakes in the three counties and integrated the information into their water management plans and used it to successfully compete for Clean Water Land and Legacy funds. The availability of electronic datasets and efficient management of information allowed the individual lake oriented assessment reports to be completed for less than $1,500 each. These reports are one way to develop a quantifiable description of water quality protection. BWSR staff proposed, which was accepted by the Grants Program and Policy Committee, is to expand this pilot approach to additional counties using a small pool of returned grant funds.

11-17-10

Lake Protection Water Plan Challenge Grant Program

Background

With the passage of the Clean Water Legacy Act in 2007, the Minnesota Board of Water and Soil Resources (BWSR) recognized an opportunity to enhance comprehensive local water management planning by integrating available water quality data and land use information to develop strategic, quantified lake protection action plans incorporated into comprehensive local water plans. In 2008, a pilot project in Cass, Crow Wing and Aitkin Counties developed a template for presenting and assessing lake and land use information in a format useful to citizens and decision-makers.

The pilot program successfully developed a template that assessed 45 lakes in the three counties and integrated the information into their water management plans and used it to successfully compete for Clean Water Land and Legacy funds. The availability of electronic datasets and efficient management of information allowed the individual lake oriented assessment reports to be completed for less than $1,500 each. These reports are one way to develop a quantifiable description of water quality protection.

Program Proposal

The Minnesota Board of Water and Soil Resources (BWSR) will implement a program to use available Clean Water Legacy funds to focus strategic water quality protection implementation actions concentrated on lake and lake watersheds. Candidate lakes for this program must not be listed on the 2010 MPCA Impaired Waters (303(d)) List for parameters other than mercury.

The purpose of these grant funds is to:

- Assess available water quality data and watershed information to identify water quality trends.
- Develop quantifiable water quality goals and outcomes based on this information.
- Develop individual lake reports and a summary assessment that integrates watershed and water quality information, evaluates trends and recommends quantitative water quality protection measures.
- Integrate the water quality goals and quantifiable outcomes into local water management plan updates or amendments
- Demonstrate methods that can be expanded in the future to addition lakes in other areas.

Program Requirements

Available Funds: $65,000 of Clean Water Legacy funds.

Match: 50% Local Cash or In-kind Cash Value Match.

Eligible applicants: Local government units (LGU) or LGU joint powers organizations working under a current state approved, locally adopted water management plan. Partner organizations such as non-profits, watershed groups, school districts or lake associations must work in conjunction with these eligible applicants.

Project Selection: Projects will be selected on the basis of the following criteria:

- The cost per report based on criteria described above.
- Target lakes are approximately 500 acres or more
- The availability of water quality data for trend analysis
- Land parcel information
- Lakes identified as a priority in local water management plans

Additional screening factors will include:

- Deep lakes with cold-water fish species present or lakes with known species of concern or unique populations identified in a county biological survey or elsewhere.
- Lakes with watersheds that are less than approximately 25% developed, agricultural or open lands.
- The qualifications of the individual(s) doing the data analysis and presentation. Data collection, analysis and presentation should be conducted by technically sound, trained and knowledgeable personnel capable of providing data interpretation and analysis to resource professionals, citizens and decision-makers.

Proposed Timeline:

January 1, 2011	Application period opens
February 15, 2011	Application period ends
March 30, 2011	BWSR board awards grants (projected)

Grant recipients must conduct the following activities:

- Gather all available water quality data from local, state and federal sources.
- Evaluate water quality data and identify statistically usable data (confirm sample site locations, confirm data is from a certified laboratory) and identify data gaps and outliers.
- Present findings of water quality trends to comprehensive water plan task forces and lake association partners.
- Present findings of water quality trends to county commissioners, township and municipal officials adjacent to candidate lakes.
- Meet at least once with Lake association presidents and representatives at a water quality meeting that should include representatives from DNR, PCA, P&Z, BWSR and other relevant agencies and organizations to discuss the lake reports, trends and to develop a quantitative and qualitative implementation strategy with specific actions for each lake to be included in the next water management plan update or amendment.
- Available water quality data should be presented in narrative and graphical formats, and compared to ecoregion ranges and state water quality standards. Trend information for phosphorus, chlorophyll and transparency should be calculated and plotted when sufficient data exists. Data should be presented within the context of Carlson's Trophic Status Index using the mean value and data range.
- The land use and watershed data should be presented in a structure that includes information on the location within the Ecoregion, major basin, major watershed, minor watershed(s) and lakeshed.

Board Resolution # 10-

LAKE PROTECTION WATER PLAN CHALLENGE GRANTS PROGRAM AUTHORIZATION

WHEREAS, the Board of Water and Soil Resources (BWSR) was appropriated Clean Water Legacy Act funds in Laws of Minnesota 2007, Chapter 57, Article 1, Section 5; and,

WHEREAS, BWSR currently has $61,000 in available returned FY2008 Clean Water Legacy grant funds; and,

WHEREAS, these funds are available to support local nonpoint source protection activities related to lake and river protection and management; and,

WHEREAS, in 2008 BWSR funded a pilot project in Cass, Crow Wing, and Aitkin Counties that developed a template for presenting and assessing lake and land use information in a format useful to citizens and decision-makers; and,

WHEREAS, BWSR staff have developed a Lake Protection Challenge Grant Program proposal to expand this pilot project utilizing available returned grant funds to:

- Assess available water quality data and watershed information to identify water quality trends,
- Develop quantifiable water quality goals and outcomes based on this information,
- Develop individual lake reports and a summary assessment that integrates watershed and water quality information, evaluates trends and recommends quantitative water quality protection measures,
- Integrate the water quality goals and quantifiable outcomes into local water management plan updates or amendments, and
- Demonstrate methods that can be expanded in the future to additional lakes in other areas; and,

WHEREAS, total available funds for this program are $61,000 of Clean Water Legacy funds, and;

WHEREAS, applications will be eligible if they meet the criteria listed below:

- A local government unit (LGU) or LGU joint powers organizations working under a current state approved locally adopted water management plan,
- Provide a 50% non-state cash or in-kind cash value match, and
- Lakes targeted are approximately 500 acres or more in size and are not impaired for pollutants other than mercury; and,

WHEREAS, proposals will be evaluated by BWSR staff, in consultation with DNR and MPCA, using the following factors:

- Readiness to complete the project and amend their local water management plan to incorporate the results of the project,
- Lakes identified as a priority in local water management plans,
- The availability of water quality data for trend analysis,
- Land parcel information, and
- The cost per report; and,

WHEREAS, the BWSR Senior Management Team (SMT) reviewed the Lake Protection Challenge Grant Program proposal on October 5, 2010; and,

WHEREAS, the Grants Program and Policy Committee reviewed the Lake Protection Challenge Grant Program proposal on November 17, 2010.

NOW THEREFORE, the Board hereby authorizes staff to finalize, distribute and promote request for proposals for the Lake Protection Challenge Grant Program, and award funds consistent with this resolution and applicable appropriations and statutes.

_____ Date: _____

Brian Napstad, Chair
Board of Water and Soil Resources

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Clean Water Council FY12-13 Budget Recs.

Meeting Date: December 15, 2010

Agenda Category: ☐ Committee Recommendation ☒ New Business ☐ Old Business

Item Type: ☐ Decision ☐ Discussion ☐ Information

Section/Region:

Contact:

Prepared by: John Jaschke

Reviewed by: Committee(s)

Presented by: Keith Hanson

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☐ **Resolution** ☐ **Order** ☐ **Map** ☒ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested
☐ Other:

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☒ Clean Water Fund Budget

ACTION REQUESTED

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)
Established by the Clean Water Legacy Act in 2006, the Clean Water Council advises the Legislature and the Governor on state programs to restore and protect Minnesota's waters. The Council's statutory charge is to focus on existing restoration and protection programs, as well as to identify innovative approaches that may strengthen or complement those programs. Its diverse membership represents interests and organizations with a major role in achieving clean water, enabling consensus-building and coordination on a wide array of issues critical to the people of Minnesota.

The Clean Water Council consists of 23 members: 19 members appointed to represent key interests and organizations from around the state, plus a non-voting representative from each of the following four state agencies: Pollution Control Agency, Board of Water and Soil Resources, Department of Natural Resources, and Department of Agriculture. Steve Woods represents BWSR on the Council.

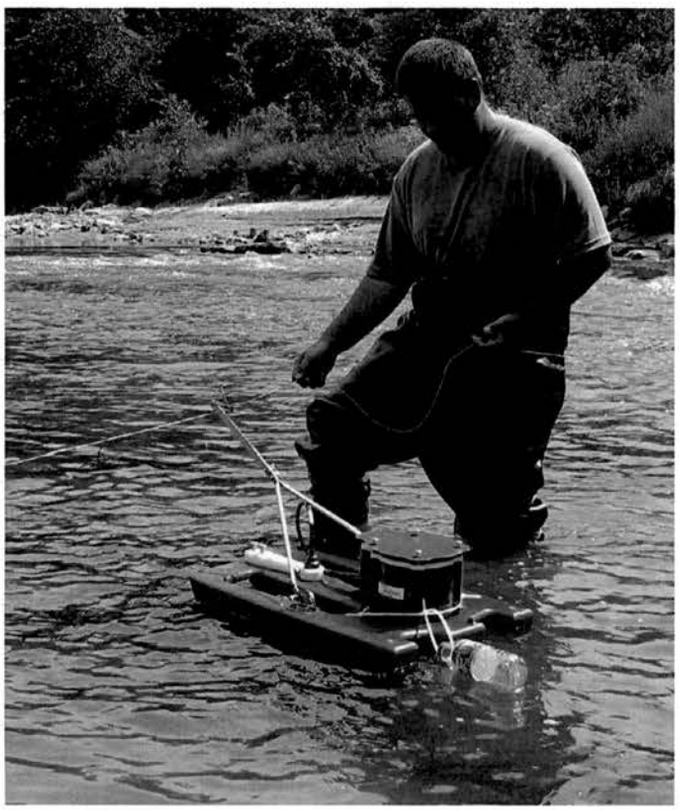
Keith Hanson, Chair of the Council's Clean Water Council Budget and Outcomes Committee will overview their FY12-13 budget recommendations. The Council's recently issued report containing the recommendations are found beginning on page 9 at: http://www.pca.state.mn.us/index.php/view-document.html?gid=14944

Clean Water Council FY12–13 recommendations

When the citizens of Minnesota voted on the Clean Water, Land and Legacy Amendment, protecting and restoring the state's waterbodies was a key factor in getting the initiative passed.

The Council strongly agrees with what they perceive as the public's desire to see successful implementation efforts. The Council also appreciates the importance of completing federally-required restoration and protection planning strategies prior to initiating implementation activities. These strategies will indicate critical areas in watersheds where implementation activities will effectively improve water quality and quantity.

Council members considered the needs of the various water management activities as proposed by state agencies because of the 25-year life span on the funding. The Council concluded that some activities will need long-term funding to continually produce necessary data, others may be decreased over time after studies have been completed, and yet other activities, like implementation of on-the-ground projects, will need to be ramped up to address the most serious water quality and quantity issues. The Council also concluded that building civic engagement and local capacity are integral components of a successful water management process.



Minnesota Department of Agriculture field staff doing a flow measurement on the Le Sueur River.

In its recommendations, the Council includes funding for the following seven agencies: the Minnesota Pollution Control Agency (MPCA), the Minnesota Department of Agriculture (MDA), the Public Facilities Authority (PFA), the Minnesota Department of Natural Resources (DNR), the Board of Water and Soil Resources (BWSR), the Minnesota Department of Health (MDH) and the Metropolitan Council. Additionally, the Council recommends continued funding to the Minnesota Legislative Coordinating Commission for its administrative oversight of the Clean Water Fund.

To achieve the Amendment's long-term goals, the Council recommends appropriating $176.485 million* for the FY12-13 biennium from the Clean Water Fund to the following activities.

Recommendation 1
Continue current funding levels for monitoring and assessment activities

The Council recommends funding monitoring and assessment at $20.96 million. This funding will support monitoring and assessment needs for the next biennium, as well as continue the 10-year intensive watershed monitoring schedule and statewide major watershed outlet pollutant load monitoring. Other activities included in this recommendation are: monitoring activities for pesticides, stream flow monitoring, lake IBI (Index of Biological Integrity) assessments and fish mercury assessment activities. Completing assessments is a Clean Water Act requirement. The Council anticipates that funding these activities will need to remain steady over time, first to complete the monitoring schedule, then to fund effectiveness and trend monitoring activities.

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* *As of June 17, 2010, the Minnesota Department of Management and Budget estimated the Clean Water Fund will have approximately $176.485M available in FY12-13. This Council used this budget estimate to guide its recommendations.*

Recommendation 2
Continue current funding levels for watershed restoration and protection planning strategies

The Council recommends funding for this activity at $22.71 million. This will enable development of watershed restoration and protection planning strategies and to provide technical assistance. These activities not only guide implementation efforts, but are required by the Clean Water Act. Additionally, protection strategies are needed to guard the state's high quality waters. The Council anticipates this funding may decrease after the first 10-year cycle for monitoring and preparing restoration/protection strategies for the 81 major watersheds are completed.

Recommendation 3
Increase funding for drinking water protection activities

The Council recommends funding at $14.22 million, exceeding the Amendment's requirement that at least five percent of the Clean Water Fund to be targeted to protect drinking water sources.

Activities included in this recommendation are:

- Groundwater assessment activities to enhance the ambient network, modeling to support groundwater and drinking water interactions and contaminants of emerging concern monitoring.
- Nitrate monitoring and promotion of nutrient BMPs.
- Water supply planning, aquifer protection and monitoring activities.
- Continued implementation to the Twin Cities metro water supply plan.
- Assessment, evaluation, and development of health-based guidance for emerging contaminants, and the acceleration of source water protection through plan development and grants to local governments.
- Increased cost share for sealing unused wells. This will help protect groundwater used for drinking water from contamination by assisting public and private well owners to seal unused wells by sharing up to 50 percent of the cost.

In addition, a new recommended activity includes $900,000 in funding for a water appropriation electronic permitting system. This will capture essential information about water quality appropriation use and users through an online application process to more effectively and efficiently manage water supplies.

The Council anticipates that funding for drinking water activities will increase over time.

Recommendation 4
Increase funding for nonpoint source implementation activities

The Council recommends funding for this activity at $69.7 million. Adequate funding for this activity is pivotal to implement watershed restoration and protection strategies and to invest in on-the- ground activities that target nonpoint source pollution.

In 2009, BWSR opened an interagency competitive request for proposal round from Clean Water Funding. Local government units submitted 210 applications, totaling more than $44 million. Only $12 million was available.

The Council recognizes that funding requests will always exceed the amount of money that is available, however, this recommendation includes an increase from FY10-11 funding levels to begin addressing the vast needs for nonpoint source protection, restoration and preservation activities. Many of these grant programs require local matches. The Clean Water Fund dollars provide opportunities to leverage funding from other local and federal entities.

This recommendation includes the following:

- Funding for surface and drinking water protection and restoration projects ($27.5M); targeted local resource protection and enhancement grants ($6M); measures, results and accountability ($1.8M); conservation drainage management and assistance ($2M); permanent land and water protection ($14M) and the Community Partners Clean Water Program ($3.0M). This funding also includes resources to help build local capacity for conservation targeting.
- Funding for the AgBMP Loan Program ($10M), supporting crop and livestock producers that implement agricultural BMPs and construct conservation and pollution abatement structures on the landscape.
- Funding for the Great Lakes restoration ($1.5M)—to be leveraged by federal grant funds, and Clean Water Partnership Program grants ($2.5M).

The Council anticipates that funding nonpoint source implementation activities will increase over time, as polluted waterbodies are targeted and as strategies are developed.

Recommendation 5
Increase funding for point source implementation activities

The Council recognizes that there is a need to improve infrastructure to meet wastewater and stormwater treatment requirements to both prevent and restore impaired waters. The Council recommends a total of $35.02 million for the following Clean Water Legacy programs:

- TMDL Grant Program ($22.37M);
- Phosphorus Reduction Grant Program ($8.55M); and
- Small Community Wastewater Treatment Grant and Loan Program ($2.5M).

Additionally, the Council recommends $1.6 million for wastewater and stormwater implementation activities. This appropriation, coupled with other bonding and federal dollars, will help to support needed upgrades to the state's infrastructure. The Council anticipates that funding for point source protection and restoration activities will need to be maintained or increased over time.

Recommendation 6
Increase funding for education and civic engagement

The Council recommends $900,000 for this activity in FY12-13. Point and nonpoint source implementation activities need adequate civic involvement, allowing citizens to identify water quality problems and implement solutions. The Council recommends funding $300,000 to develop products and services that will help local governments assess and improve civic engagement opportunities in Minnesota watersheds during restoration and protection strategy development. An additional $600,000 is recommended for resources that will enhance local capacity to engage the public during restoration, protection and implementation projects and activities. The Council supports building community capacity and developing targeted education programs based on community needs during implementation activities.

The Council anticipates a small increase in funding for these activities during the first 10 years of the Amendment when watershed strategies are being developed, then a steady level of funding for implementation activities in following years.

Recommendation 7
Increase funding for applied research and tool development

Tens of millions of dollars will be invested in water management activities over the life of the Amendment funding. To help ensure these dollars are spent to best serve the environment, the Council recommends $12.95 million to invest in tools that will target critical areas and develop applied research to ensure implementation efforts are effective. Funding the recommendations in this category will assist in the production of indicators of environmental outcomes.

Activities included in this recommendation include:

- Investing in applied research for agricultural and stormwater best management practices, and TMDLs.
- Developing decision support tools such as LiDAR, the Watershed Assessment Tool, and the Restore Your Shore Interactive Web Tool.
- Supporting interagency data management needs that will interface existing systems to provide a central location for reporting, analysis and data management of watershed data, and development of a biomonitoring database. In addition, the Council recommends development of a database to inventory and search for relevant water-related research.

The Council anticipates that funding for applied research and tool development activities will remain steady over time, as new pollutant sources and emerging contaminants are identified, and as new tools are needed.

Recommendation 8
Continue current funding levels for Legislative Coordinating Commission (LCC) oversight of Clean Water Fund administration

The Council recommends continued funding of $25,000 to the Legislative Coordinating Commission (LCC) for oversight of Clean Water Fund administration, and to maintain a public information Web site to inform Minnesota's citizens about water management activities. The Council recommends that funding for this oversight will remain steady over time.

Clean Water Council budget recommendations

As discussed in this report, the following table summarizes the Council's proposed budget recommendations for FY12-13.

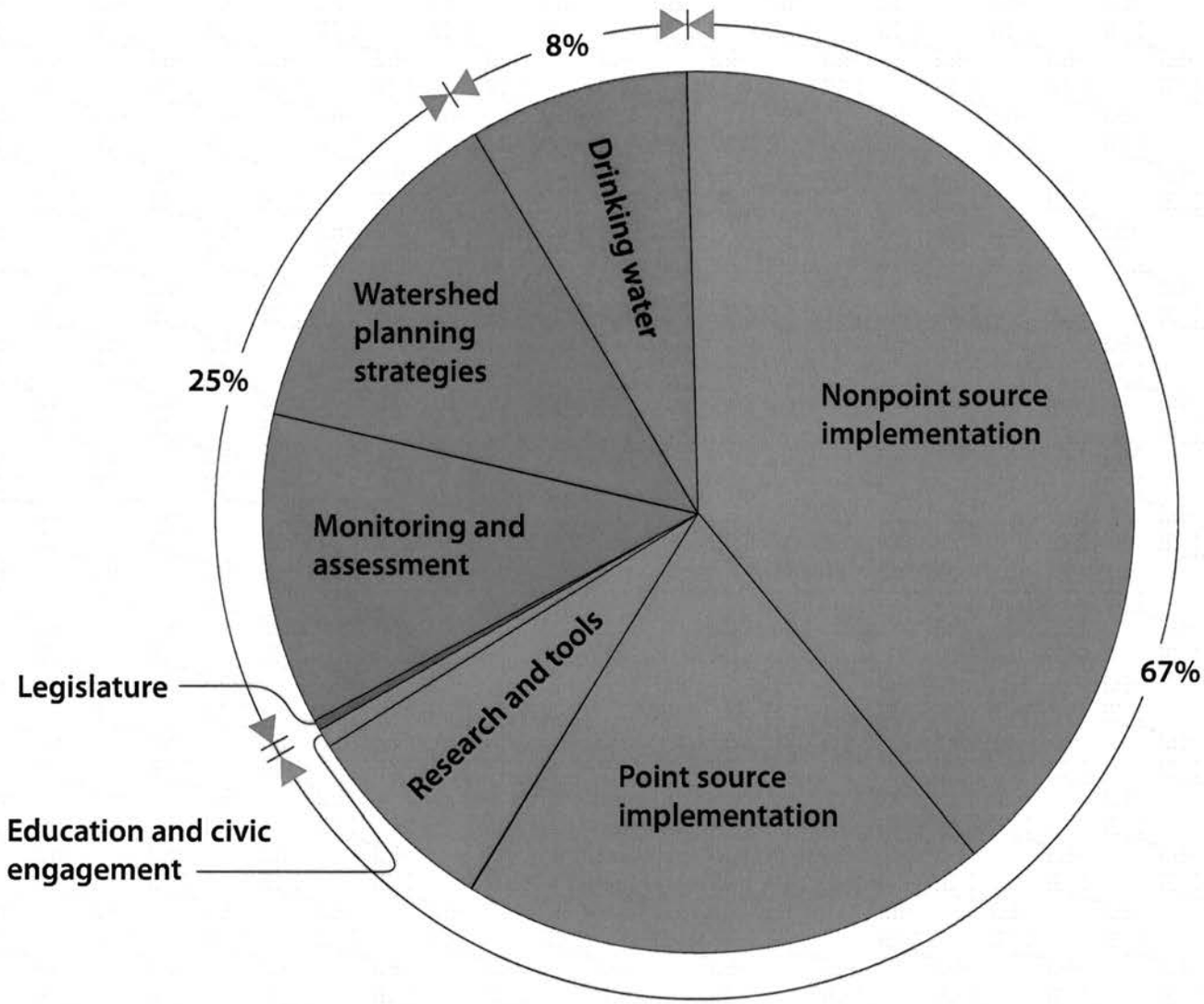
Clean Water Fund activity	Clean Water Council FY12–13 recommendations* (in millions)
Monitoring and assessment	**$20.960**
Continue monitoring and assessment efforts to meet the 10-year cycle.	$15.000
Pesticides monitoring in surface water and groundwater	$0.700
Stream flow monitoring	$2.700
IBI lake assessments	$2.300
Fish mercury assessments	$0.260
Watershed restoration and protection planning strategies	**$22.710**
Fund watershed restoration and protection strategies	$18.800
Ecological, hydrological and biological technical assistance for strategies	$3.910
Drinking water protection	**$14.220**
Ambient network groundwater assessment	$2.250
Monitoring and trend evaluation of nitrates; crop specific BMP promotion	$1.700
Water supply planning, aquifer protection and monitoring	$3.000
Water appropriation electronic permitting	$0.900
Continued implementation of Twin Cities metro water supply plan	$1.000
Development of health-based guidance contaminants of emerging concern	$2.040
Source water protection grants	$2.830
Well sealing cost share	$0.500
Nonpoint source implementation activities	**$69.700**
Great Lakes restoration	$1.500
Clean Water Partnership grants	$2.500
AgBMP Loan Program	$10.000
Technical Transfer, Pilot Projects and Demonstration Sites	$1.400
Surface and drinking water protection and restoration projects	$27.500
Targeted local resource protection and enhancement grants	$6.000
Oversight, assessment and reporting of local government performance and results	$1.800
Conservation drainage management and assistance	$2.000
Riparian buffer and wellhead protection easements	$14.000
Community partners clean water program	$3.000

* *As of June 17, 2010, the Minnesota Department of Management and Budget estimated the Clean Water Fund will have approximately $176.485M available in FY12-13. The Council used this budget estimate to guide its recommendations.*

Clean Water Fund activity	Clean Water Council FY12–13 recommendations* (in millions)
Point source implementation activities	**$35.020**
NPDES wastewater/stormwater TMDL implementation	$1.600
TMDL grants for WWTP and stormwater	$22.370
Phosphorus reduction grants	$8.550
Small community WWT grants and loans	$2.500
Education and civic engagement	**$0.900**
Civic engagement activities in local watershed projects	$0.300
Enhance local capacity for targeted education	$0.600
Applied research and tool development	**$12.950**
Stormwater research and guidance	$0.800
TMDL research and database development	$2.300
Research and evaluation of agricultural contributions to impaired waters	$2.100
Shoreland stewardship, implementation coordination and biomonitoring database development	$3.950
Complete LiDAR data collection	$2.700
Delivery of decision support tools (Watershed Assessment Tool, GSSHA Model, and Restore Your Shore interactive web tool)	$0.600
Research inventory database	$0.500
Legislature	**$0.025**
Legislative Coordinating Commission Web site and fund auditing	$0.025
Total	$176.485

* *As of June 17, 2010, the Minnesota Department of Management and Budget estimated the Clean Water Fund will have approximately $176.485M available in FY12-13. The Council used this budget estimate to guide its recommendations.*

FY12–13 CWF recommendations ($176.485M)



67% of the Clean Water Council's recommended biennial budget is for implementation-related activities.

25% of the budget is recommended for water quality monitoring and watershed planning.

8% of the budget is recommended for drinking water activities.

The Clean Water Council acknowledges that funding recommendations for these activities will change over time. Some activities will need long-term funding, others may be decreased over time and yet other activities will need to be ramped up to address the most serious water quality and quantity issues. As the life of the Amendment progresses, the Council anticipates that it will recommend more funding for implementation projects that will protect and restore the state's waters for years to come.

Note: this graph shows how funds from the Clean Water Fund will be used, but does not include other major funding sources from federal, bonding, and other sources.

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: **Grass Lake Project Grant Funds to County**

Meeting Date: December 15, 2010

Agenda Category: ☐ Committee Recommendation ☒ New Business ☐ Old Business

Item Type: ☐ Decision ☐ Discussion ☐ Information

Section/Region:

Contact:

Prepared by: Tom Wenzel

Reviewed by: Committee(s)

Presented by: Tom Wenzel

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested

☐ General Fund Budget
☒ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

☐ Other:

ACTION REQUESTED

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

Board action is needed to amend prior Board Resolution #07-96 as it relates to the Grass Lake Prairie Wetland Restoration Project in Kandiyohi County. Board Resolution #07-96 limits the amount of funds that can be granted to Kandiyohi County to not exceed ten percent (10%) of the 2006 capital budget appropriation for this project. The proposal is to waive the ten percent grant fund limit for the 2006 appropriation so as to better enable completion of certain project related tasks.

Board Resolution # 07-96

Authorize the use of Grants to Assist with the Implementation of the Grass Lake Prairie Wetland Restoration Project

WHEREAS the Board of Water and Soil Resources (Board) is involved with the restoration of the 1,200-acre Grass Lake Prairie Wetland located in Kandiyohi County;

WHEREAS the Board received $2.2 million from state's 2006 capital budget appropriation specific to this project to acquire conservation easements and conduct the necessary implementation activities to restore this drained wetland;

WHEREAS the Board is in partnership with the city of Willmar, Kandiyohi County, the Kandiyohi Soil and Water Conservation District, and other project partners as efforts continue to restore this critical water resource;

WHEREAS Kandiyohi County has agreed to manage and oversee some of the required project implementation activities.

NOW, THEREFORE BE IT RESOLVED THAT, the Minnesota Board of Water and Soil Resources authorizes staff to use funding appropriated for the Grass Lake Project in an amount not to exceed ten percent (10%) of the total appropriation and to grant those funds, as necessary, to Kandiyohi County for use on approved project implementation activities, including but not limited to, contracts for project services.

Randy Kramer, Chair
Minnesota Board of Water and Soil Resources

10/24/07
Date

C:\JJ\RIM\Grass Lake\2007 BWSR Board Resolution for Grant Funds.doc

Board Resolution # 10 - _____

Authorization for the Use of Grants to Assist with Implementation of the Grass Lake Prairie Wetland Restoration Project

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WHEREAS, in 2006, the Board of Water and Soil Resources (BWSR) received a capital budget appropriation of $2,200,00 to acquire conservation easements and implement the restoration of the Grass Lake Prairie Wetland in Kandiyohi County; and,

WHEREAS, on October 24, 2007 BWSR adopted resolution #07-96 that authorized staff to use funding appropriated for the Grass Lake Project in an amount not to exceed ten percent (10%) of the 2006 appropriation for grants, as necessary, to Kandiyohi County for use on approved project implementation activities, including but not limited to, contracts for project services; and,

WHEREAS, on November 11, 2008 BWSR entered into a grant with Kandiyohi County that allows expenditures for up to $167,150 for certain project implementation activities; and

WHEREAS, BWSR currently has encumbered and will spend $418,840 of the 2006 appropriation on the acquisition of two pending conservation easements; and,

WHEREAS, additional project related activities associated with the implementation of the Grass Lake Prairie Wetland have been identified that will be best completed by Kandiyohi County which include, but may not be limited to project coordination, contracts for project services, acquisition, and specific project implementation activities.

NOW THEREFORE BE IT RESOLVED, the BWSR Board hereby amends the October 24, 2007 BWSR adopted resolution #07-96 to waive the ten percent (10%) limit on funds from the 2006 appropriation that can be granted to Kandiyohi County.

_____ _____

Brian Napstad, Chair Date
Minnesota Board of Water and Soil Resources

Attachment

Minnesota Board of Water & Soil Resources

BOARD MEETING AGENDA ITEM

AGENDA ITEM TITLE: Proposed 2011 BWSR Board Meeting Dates

Meeting Date: _____

Agenda Category: ☐ Committee Recommendation ☒ New Business ☐ Old Business
Item Type: ☒ Decision ☐ Discussion ☐ Information
Section/Region: _____
Contact: _____
Prepared by: Mary Jo Anderson
Reviewed by: John Jaschke Committee(s)
Presented by: John Jaschke

☐ **Audio/Visual Equipment Needed for Agenda Item Presentation**

Attachments: ☒ **Resolution** ☐ **Order** ☐ **Map** ☐ **Other Supporting Information**

Fiscal/Policy Impact

☐ None
☐ Amended Policy Requested
☐ New Policy Requested
☐ Other: _____

☐ General Fund Budget
☐ Capital Budget
☐ Outdoor Heritage Fund Budget
☐ Clean Water Fund Budget

ACTION REQUESTED

SUMMARY (*Consider: history, reason for consideration now, alternatives evaluated, basis for recommendation*)

The BWSR Board meets the fourth Wednesday of the month unless noted.

Board Resolution # _____

Proposed 2011 BWSR Board Meeting Schedule

(Fourth Wednesday of the month unless noted)

January 26

February - no meeting

March 23

April 27

May 25

June 22

July – no meeting

August 24-25 - Tour and Meeting

September 28

October 26

November – no meeting

December 14

_____ Date _____

Brian Napstad, Chair
Minnesota Board of Water and Soil Resources

FOR YOUR INFORMATION

December 15, 2010

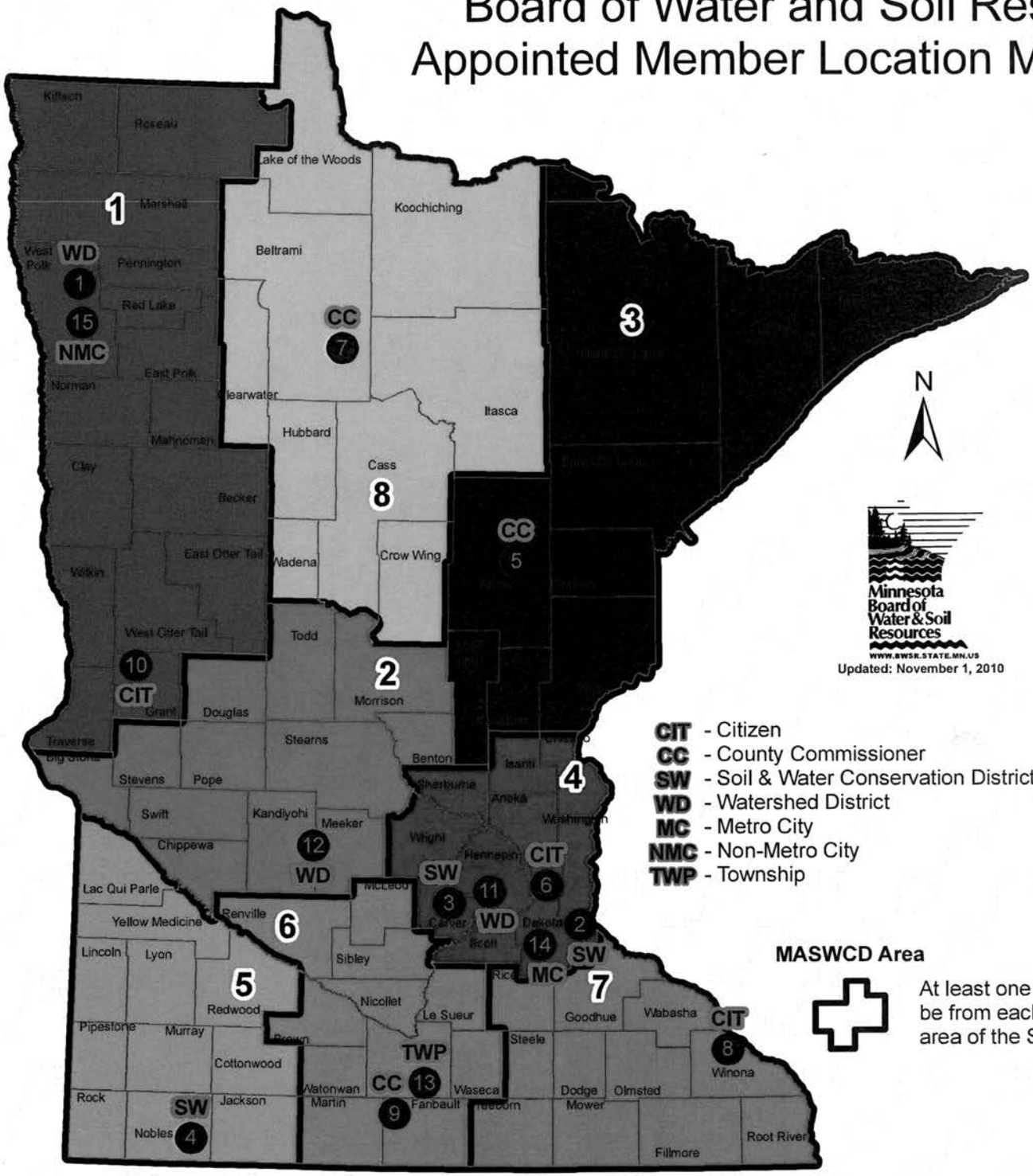
- Updated Board Member Listing
- Updated Board Member Location Map
- Updated BWSR Committees, dated November 15, 2010
- BWSR Advisors Listing
- BWSR "Snapshots" – December 2010
- MACDE Newsletter, Fall/Winter 2010

MINNESOTA BOARD OF WATER AND SOIL RESOURCES
520 LAFAYETTE ROAD NORTH
ST. PAUL, MINNESOTA 55155
Phone: 651-296-3767 Fax: 651-297-5615

Appointed Members	***Appointment Designation***	***Term Expires***	***Telephone/Fax/Cell***	
Brian Napstad, Chair 51227 Long Point Place, McGregor, MN 55760	**County Commissioner** bnapstad@yahoo.com	01-06-14	218-426-3008 218-426-4662	*Home* *Office*
Quentin Fairbanks 16374N Blackduck Road NE, Hines, MN 56647	**Co. Commissioner** quentin@paulbunyan.net	01-03-11	218-835-4184 218-553-0433	*Home* *Cell*
Tom Loveall 39290 200th St., Winnebago, MN 56098	**Co. Commissioner** Tomcat56098@yahoo.com	01-07-13	507-854-3572 507-854-3300	*Home* *Office*
Paul Brutlag 27113 County Road 11, Wendell, MN 56590	**Citizen** brutlagp@runestone.net	01-02-12	218-458-2113 320-589-4151	*Home* *Office*
Joe Martin 1011 Minnehaha Ave. W., St. Paul, MN 55104	**Citizen** jpm311@aol.com	01-03-11	651-756-7351	*Office*
John Meyer 18689 Highway 248, Rollingstone, MN 55969	**Citizen** quarry@ridge-runner.com	01-07-13	507-689-2612 507-689-2457	*Home* *Office*
Robert Burandt 1340 Waconia Pkwy. S., Waconia, MN 55387	**SWCD** rlburandt@gmail.com	01-07-13	952-442-4216	*Home*
Paul Langseth 35505 280th St., Worthington, MN 56187	**SWCD** paul.langseth@gmail.com	01-06-14	507-360-5844 507-376-5686	*Office* *Home*
Louise Smallidge 10992 Point Douglas, Hastings, MN 55033	**SWCD** Choregirl2@juno.com	01-02-12	651-459-5600 651-983-4497	*Home* *Cell*
Gordon Behm 13851 Diamond Shores Road, Atwater, MN 56209	**Watershed** gbehm@frontiernet.net	01-03-11	320-974-8242 320-979-0737	*Home* *Cell*
Gene Tiedemann 13099 310th Ave., SW, Euclid, MN 56722	**Watershed** gtiedemann@rrv.net	01-06-14	218-289-3511 218-281-6723	*Office* *Home*
LuAnn Tolliver 14801 Wychewood Road, Minnetonka, MN 55345	**Watershed** mltolly@aol.com	01-02-12	952-938-6749 952-221-9796	*Home* *Office*
Sandra Hooker 14418 618th Avenue, Mapleton, MN 56065	**Townships** sandy.hooker@mntownships.org	01-02-12	507-869-3114	*Home*
Christy Jo Fogarty 18946 Excalibur Trail, Farmington, MN 55024	**Metro City** cfogarty@charter.net	01-07-13	651-460-8057 612-867-8875	*Home* *Work*
Keith Mykleseth 532 Summit Avenue, Crookston, MN 56716	**Non-Metro City** kmykleseth@tnc.org	01-03-11	218-281-1801 218-637-2146	*Home* *Work*

State Agency Members:			
Rob Sip Freeman Office Bldg., 625 Robert St. N., St. Paul, MN 55155 Rob.sip@state.mn.us	**Department of Agriculture**	651-201-6487 651-201-6120	*Office* *Fax*
John Linc Stine P.O. Box 64975, St. Paul, MN 55164-0975 john.stine@state.mn.us	**Department of Health**	651-201-5063 651-201-4986	*Office* *Fax*
Larry Kramka 500 Lafayette Road, St. Paul, MN 55155 Larry.Kramka@state.mn.us	**Department of Natural Resources**	651-259-5033 651-296-4799	*Office* *Fax*
Faye Sleeper Room 173 McNeal Hall, 1985 Buford Avenue, St. Paul, MN 55108 fsleeper@umn.edu	**U of M/Water Resources Center**	612-624-3738 612-625-1263	*Office* *Fax*
Rebecca Flood 520 Lafayette Road, St. Paul, MN 55155 Rebecca.Flood@state.mn.us	**Pollution Control Agency**	651-757-2022 651-296-7923	*Office* *Fax*

Board of Water and Soil Resources
Appointed Member Location Map (2010)



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Minnesota Board of Water & Soil Resources
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Updated: November 1, 2010

CIT - Citizen
CC - County Commissioner
SW - Soil & Water Conservation District Supervisor
WD - Watershed District
MC - Metro City
NMC - Non-Metro City
TWP - Township

MASWCD Area

At least one member must be from each MASWCD area of the State

Board Members

ID, Member, Yr. Appt. Ends

- 1, Gene Tiedmann, 2014
- 2, Louise Smallidge, 2012
- 3, Robert Burandt, 2013
- 4, Paul Langseth, 2014
- 5, Brian Napstad, Chair, 2014
- 6, Joe Martin, 2011
- 7, Quentin Fairbanks, 2011
- 8, John Meyer, 2013
- 9, Tom Loveall, 2013
- 10, Paul Brutlag, Vice Chair, 2012
- 11, LuAnn Tolliver, 2012
- 12, Gordon Behm, 2011
- 13, Sandra Hooker, 2012
- 14, Christy Jo Fogarty, 2013
- 15, Keith Mykleseth, 2011

Agency Seats

16, Rob Sip, MDA
17, John Linc Stine, MDH
18, Larry Kramka, DNR
19, Faye Sleeper, UME
20, Rebecca Flood, MPCA

BOARD OF WATER AND SOIL RESOURCES
COMMITTEES
November 15, 2010

ADMINISTRATIVE ADVISORY COMMITTEE

Membership:	Brian Napstad, chair	county commissioner
	Paul Brutlag	citizen
	Louise Smallidge	soil & water conservation district
	LuAnn Tolliver	watershed district/WMO
	Keith Mykleseth	non-metro city
	John Jaschke	staff
	Mary Jo Anderson	staff

Responsibility:

The administrative advisory committee consists of the Board's chair and vice-chair and the chairs of the Board's standing committees. The administrative advisory committee will make evaluations and recommendations to the Board on various Board issues including ethics; expenses/per diem; bylaws; and legislation and budgets. The Administrative Advisory Committee will act as the personnel committee for personnel actions relating to the Board's executive director. The chairman may include additional members ad hoc to address special or unique topics or issues.

Meetings: *The committee will meet at the call of the chair.*

DISPUTE RESOLUTION COMMITTEE (DRC)

Membership:	Paul Brutlag, chair	citizen
	LuAnn Tolliver	watershed district/WMO
	Quentin Fairbanks	county commissioner
	Joe Martin	citizen
	Louise Smallidge	soil & water conservation district
	Travis Germundson	staff lead

Responsibility:

The DRC is responsible for appeals relating to the Wetland Conservation Act rule decisions of local governments, watershed district rule and permit decision appeals, and, under MS103A.301, determinations of water law and policy. The authority of the DRC is established in statute and assigned to the DRC by the Board. Under current guidelines the DRC receives the appeals; hears the issues; and makes recommendations to the Board.

Per M.S. 103B.101, Subd.10, the committee consists of two of the three citizen members; one county commissioner member; one soil and water conservation district supervisor member; and one watershed district or watershed management organization representative member. The committee is appointed by the board chair.

Meetings:

The Committee will meet as needed to process appeals that have been filed with the Board.

GRANTS PROGRAM AND POLICY COMMITTEE

Membership:	Louise Smallidge, chair	soil & water conservation district
	Bob Burandt	soil & water conservation district
	Paul Langseth	soil & water conservation district
	John Meyer	citizen
	Gene Tiedemann	watershed district/WMO
	Christy Jo Fogarty	metro cities
	Keith Mykleseth	non-metro cities
	Rebecca Flood	Pollution Control Agency
	Faye Sleeper	University of Minnesota Extension
	Wayne Zellmer	staff lead
	Julie Blackburn	SMT staff

Responsibility:

The committee is responsible for reviewing cost-share, non-point engineering, clean water legacy, natural resources block grants, local water management challenge grants and services grants allocations, policies, and rules and making recommendations to the Board.

Meetings:

The committee will meet at least two times a year; once prior to the June allocation of cost-share (feedlots, general and special projects); non-point engineering; and services grants.

PUBLIC RELATIONS, OUTREACH AND STRATEGIC PLANNING COMMITTEE

Membership:	Keith Mykleseth, chair	non-metro cities
	John Meyer	citizen
	Louise Smallidge	soil & water conservation district
	LuAnn Tolliver	watershed district/WMO
	Sandy Hooker	townships
	Christy Jo Fogarty	metro cities
	John Linc Stine	Department of Health
	Faye Sleeper	University of Minnesota Extension
	Jon Fure/Don Buckhout	staff leads
	Steve Woods	SMT staff

Responsibility:

The Public Relations, Outreach and Strategic Planning Committee is responsible for the development of strategic and outreach strategies and plans for the Board including identification of key outcomes, partnerships and opportunities. The Committee is also responsible for the Performance Review and Assistance Program (PRAP) oversight.

Meetings: *Committee will meet twice a year or at the call of the chair.*

RIM RESERVE MANAGEMENT PLANNING COMMITTEE (RRMPC)

Membership:	Paul Brutlag, chair	citizen
	Joe Martin	citizen
	Gordon Behm	watershed district/WMO
	Tom Loveall	county commissioner
	Gene Tiedemann	watershed district/WMO
	Bob Burandt	soil & water conservation district
	Paul Langseth	soil & water conservation district
	John Linc Stine	Department of Health
	Rob Sip	Department of Agriculture
	Larry Kramka/Wayne Edgerton	Department of Natural Resources/Alternate
	Kevin Lines	SMT staff

Responsibility:

The RRMPC is responsible for overseeing all aspects of the Reinvest in Minnesota (RIM) Reserve conservation easement program; for reviewing RIM Reserve Program statutes (103F.515), rules, policies, guidelines, payment rates and projects; for developing the strategic plans, operational partnerships, opportunities to enhance the agency's conservation easements and related programs; and for making the resulting recommendations to the Board.

Meetings:

The committee will meet, as called by the BWSR chair or the RRMPC chair upon consulting with the Conservation Easement Section Manager, to assure that conservation easement programs are meeting desired outcomes identified by the BWSR.

WETLANDS COMMITTEE

Membership:	LuAnn Tolliver, chair	watershed district/WMO
	Paul Brutlag	citizen
	Gordon Behm	watershed district/WMO
	Tom Loveall	county commissioner
	Brian Napstad	county commissioner
	Quentin Fairbanks	county commissioner
	Sandy Hooker	townships
	Larry Kramka	Department of Natural Resources
	Rob Sip	Department of Agriculture
	Rebecca Flood	Pollution Control Agency
	Les Lemm	WCA Coordinator, staff lead
	Dave Weirens	SMT staff

Responsibility:

The Wetlands Committee is responsible for reviewing Wetland Conservation Act (WCA) and wetland banking rules, policies, guidelines and projects and making recommendations to the Board.

Meetings: *The committee will meet twice during the year or at the call of the chair.*

WATER PLANNING and COMPREHENSIVE WETLAND PLAN REVIEW COMMITTEES: NORTHERN/SOUTHERN/METRO

Membership: *The committee consists of Board Members from the BWSR administration regions – metro, north, and south.*

Chairs: *north – Quentin Fairbanks*
south – Paul Langseth
metro – Bob Burandt

North (4)
Quentin Fairbanks - CC
Paul Brutlag – CIT
Gordon Behm - WD
Brian Napstad – CC
Keith Mykleseth – NMC
Gene Tiedemann – WD
Wayne Edgerton – DNR
Ron Shelito, SMT staff

South (4)
Paul Langseth - SWCD
Tom Loveall – CC
Joe Martin – CIT
John Meyer - CIT
Sandy Hooker – TWP
Rob Sip – MDA
Dan Wilson - MDH
Jeff Nielsen, SMT staff

Metro (3)
Bob Burandt – SWCD
Louise Smallidge – SWCD
LuAnn Tolliver – WD
Faye Sleeper – UM/Extension
Christy Jo Fogarty - MC
Rebecca Flood – PCA
Jim Haertel, SMT staff

Responsibility:

The committee has the responsibility to review county water plans, water management organization plans, watershed district overall plans, comprehensive wetland plans, and amendments to same and to advise the Board on the adequacy of the plans.

Meetings:

*The committee will meet as necessary to review the local plans and amendments. A **majority** of the committee members must be present. The BWSR northern, southern, and metro regional supervisors will coordinate meeting schedules with members.*

CC = county commissioner
CIT = citizen
SWCD = soil and water conservation district
WD = watershed district
WMO = watershed management organization
MC = metro cities
NMC = non-metro cities
TWP = townships

NOTE:

Committee membership and proceedings are included in the Board Bylaws.

November 15, 2010

BWSR Advisors

BWSR Advisors receive notices of BWSR Board Meetings and may participate as advisors to inform Board or Committee proceedings.

Local Government Organizations

- ❑ *Association of Minnesota Counties (AMC) – Annalee Garletz, Policy Analyst*
- ❑ *Minnesota Association of Conservation District Employees (MACDE) – Felicia Brockoff, President*
- ❑ *Minnesota Association of Soil & Water Conservation Districts (MASWCD) – LeAnn Buck, Executive Director*
- ❑ *Minnesota Association of Townships (MAT) – Sandy Hooker, Director*
- ❑ *Minnesota Association of Watershed Districts (MAWD) – Ray Bohn, Coordinator*
- ❑ *Minnesota County Planning and Zoning Administrators (MCPZA) – Jane Starz, President*
- ❑ *League of Minnesota Cities (LMC) – Craig Johnson, Intergovernmental Relations Representative*

Federal Agencies

- ❑ *U.S. Army Corps of Engineers (USACoE) – Tamara Cameron, Chief of Regulatory Branch*
- ❑ *U.S. Fish and Wildlife Service (USF&WS) – Tom Melius, Regional Director*
- ❑ *USDA Farm Services Agency (FSA) – Linda Hennan, Executive Director*
- ❑ *USDA Natural Resources Conservation Service (NRCS) – Tim Koehler, Assistant State Conservationist*

State Agencies

- ❑ *Met Council – Bill Moore, General Manager/Environmental Services Division*
- ❑ *Minnesota Department of Transportation (MNDOT) – Frank Pafko, Director/Environmental Services*

Interest Organizations

- ❑ *Allete Minnesota Power – Blake Francis, Supervisor/Water Quality & Waste Management Division*
- ❑ *Audubon Minnesota – Mark Peterson, Executive Director*
- ❑ *Builders Association of the Twin Cities – James Vagle, Senior Public Affairs Representative*
- ❑ *Fish and Wildlife Legislative Alliance – Lance Ness*
- ❑ *Iron Mining Association of Minnesota – Craig Pagel, President*
- ❑ *Izaak Walton League – Bill Grant, Associate Executive Director*
- ❑ *Minnesota Agricultural Water Resources Coalition – Warren Formo, Director*
- ❑ *Minnesota Agri-Growth Council – Daryn McBeth, President*
- ❑ *Minnesota Association of Professional Soil Scientists – Dave Bauer, President*
- ❑ *Minnesota Association of Realtors – Kate Johansen Justman, Director/Governmental Affairs*
- ❑ *Minnesota Association of Wheat Growers – Dave Torgerson, Executive Director*
- ❑ *Minnesota Barley Research & Promotion Council – Marv Zutz, Executive Director*
- ❑ *Minnesota Cattlemen's Association – Ted Reichmann, President*
- ❑ *Minnesota Center for Environmental Advocacy – Scott Strand, Executive Director*
- ❑ *Minnesota Conservation Federation – Gary Botzek, Executive Director*
- ❑ *Minnesota Corn Growers Association – Tim Gerlach, Executive Director*
- ❑ *Minnesota Ducks Unlimited – Ryan Heiniger, Director of Conservation Programs*
- ❑ *Minnesota Environmental Partnership – Steve Morse, Executive Director*
- ❑ *Minnesota Farm Bureau Federation – Kevin Paap, President*
- ❑ *Minnesota Farmers Union – Doug Peterson, President*
- ❑ *Minnesota Land Trust – Kris Larson, Executive Director*
- ❑ *Minnesota Milk Producers Association – Bob Lefebvre, Executive Director*
- ❑ *Minnesota Native Wildflowers/Grass Producers Association – Mark Udstuen, President*
- ❑ *Minnesota Pork Producers Association – Dave Preisler, Executive Director*
- ❑ *Minnesota Sierra Club – John Hottinger, Chapter Chair*
- ❑ *Minnesota Soybean Growers Association – Jim Palmer, Executive Director*
- ❑ *Minnesota Timber Producers Association – Wayne Brandt, Executive Vice-President*
- ❑ *Minnesota Turkey Growers Association – Steve Olson, Executive Director*
- ❑ *Minnesota Viewers Association – Ron Ringquist, Secretary/Treasurer*
- ❑ *Minnesota Waterfowl Association – Brad Nylin, Executive Director*
- ❑ *Minnesota Waters – Marian Bender, Executive Director*
- ❑ *Minnesota Wetland Professionals Association – Jed Chesnut, Vice President*
- ❑ *Pheasants Forever – Matt Holland, Senior Field Supervisor, and Joe Duggan, Vice President*
- ❑ *Red River Valley Sugarbeet Growers Association, Nick Sinner, Executive Director*
- ❑ *The Nature Conservancy – Tom Landwehr, Assistant State Director*
- ❑ *Water Resource Coordinators Group – Leslie Stovring, Group Coordinator*

Contact Mary Jo Anderson at mary.jo.anderson@state.mn.us if you have changes or wish to be included in this listing.

Minnesota Board of Water & Soil Resources

BWSR Snapshots

December 2010

Metro Region Wetland Restoration Project

By Lynda Peterson, Wetland Specialist

Back in April, I submitted a Snapshot article about a wetland restoration road bank project in Wright County that was just beginning. After one growing season the site looks spectacular! Construction was completed in the spring of 2010. Over 8,500 feet of tile was retired with about 20% removed altogether and the rest blocked. The result: 34 acres of shallow marsh and sedge meadow wetlands restored. In addition, 20 acres of existing wetlands now have natural, native vegetation.

Site in the summer of 2009

Upland prairie vegetation restored

Wetland vegetation within one of wetlands restored

Together with upland buffer, this project contributes 85 acres of wetland credit to the BWSR road bank. These credits will offset impacts from Public Road Authorities that are needed to insure the safety of our roads.

The success of this project is due to many factors. The Wright Soil and Water Conservation District (SWCD) partners with BWSR to assist in the construction, vegetation management, and landowner contact that is needed to help this project succeed. Without the assistance of the local SWCD, this project may not have had the success it has. BWSR thanks the Wright SWCD for all their work to achieve a great restoration.

SE Flood Response Streambank Stabilization

By Terry Ragan, Project Engineer SE

The August 2007 flooding in southeast Minnesota caused damage to numerous streambanks within the flood area. One such site, located on the Middle Fork of the Whitewater River, received severe damage to the outside bank. The eroded area threatened the access road to several homes and contributed substantial sediment to the Whitewater River. The landowner, James McGuire, contacted the Winona County SWCD and Natural Resources Conservation Service (NRCS) requesting technical and financial assistance to repair the streambank.

In 2010, this project moved into the construction phase. Work started on September 14, with the contractor shaping the bank and placing large toe rock (roughly 48" diameter rock).

Seventy-five percent of the toe rock had been placed when the area was hit with another large rain event on September 22-23. After the floodwaters subsided, some of the rock had shifted. The shifting in the toe rock had little impact on the final rock quantities, as adjustments to the design were able to be made to stay within the original budget.

A fisherman walking the opposite bank after the rains even noted a positive impact on trout habitat. Prior to the September 2010 storm, it was estimated that approximately 60-70 percent of the stream flow was adjacent to the outside bend, with the remaining flow in another channel. After the storm, the river made a significant correction, with approximately 100 percent of the flow passing along the project. This change created a more defined channel with deeper pools along the outside of the bend, including cavities between the large toe rocks that provide trout habitat.

However, directly downstream from the end of the project, the bank experienced additional erosion. This resulted in extending the project downstream an additional 200 feet. The overall project cost increased by approximately $20,000 to a total of about $125,000.

Eroded bank looking downstream

The design involved a combination of rock riprap at the toe and partially up the bank, with a turf reinforcement mat (TRM) over topsoil to the top of bank. A Flexterra hydro-mulch consisting of seed, mulch, and a bit of starter fertilizer was then sprayed at a 90-degree angle to the mat. This allowed the hydro-mulch to be directly injected into the TRM. The hydro-mulch was also used to cover a 16-foot wide buffer strip from the top of bank to the realigned road. As the vegetation takes hold, it will anchor the soil in a continuous strip from the road to the riprap.

This project is one of very many SE flood response projects assisted by SWCDs, BWSR and NRCS.

Completed project looking upstream

Completed project looking downstream

Minnesota Association of Conservation District Employees

VOLUME 2, ISSUE 4 FALL/WINTER 2010

MACDE Board of Directors:

- Area 1
Lori Thronson
Norman SWCD
218-584-5169

- Area 2
VICE PRESIDENT
Matt Solemsaas
Stevens SWCD
320-589-4886

- Area 3
Brad Matlack
Carlton SWCD
218-384-3891

- Area 4
PRESIDENT
Felicia Brockoff
Carver SWCD
952-466-5230

- Area 5
Denise Severtson
Rock SWCD
507-283-8862

- Area 6
Kevin Ostermann
Nicollet SWCD
507-931-2550

- Area 7
TREASURER
Skip Langer
Olmsted SWCD
507-280-2850

- Area 8
SECRETARY
Kathy Loucks
Itasca SWCD
218-326-0017

Don Flatness, Freeborn SWCD Manager, Honored

Many of you may not know this, but the state Employee's Association (the current MACDE) was started in 1981, almost 30 years ago. However, the very first employee's association was actually formed in April of 1977 in South East Minnesota. Don Flatness played an important part in forming that South East employees association.

After the South East association was formed, two more areas formed employee associations, and on December 7, 1981 the State MACDE was formed and the original By-Laws were approved. The purpose of forming an employees association then was to mainly have a common voice, and address several issues regarding employee benefits – including health insurance, retirement benefits, employee training, and uniform wages just to name a few.

In 1981, a law was passed to include SWCD employees in the Minnesota PERA retirement benefits—Don was instrumental in contacting legislators to get the law changed to include the SWCD employees.

Felicia Brockoff, MACDE President, presents Don Flatness, Freeborn SWCD Manager with the 2010 Extraordinary Contribution Award.

He has a common sense approach to problem solving, and explains technical issues to landowners in a way that they understand and respect. He has been involved with so many projects over the almost **45 years** he has been with the SWCD, there's no way we could mention them all.

Some of the major projects he has worked on have included CREP I & II, RIM/WRP Projects, numerous basins, waterways, and windbreak installations. He has served on many local committees as well, and currently serves on the Greater Blue Earth River Basin Alliance Technical Committee, the Shell Rock River Watershed Advisory Committee, WCA TEP Panel for Freeborn County, and also serves as the Clerk for his Township.

Congratulations Don!

MACDE Raffle Tickets & 2011 Memberships

Once again this year, MACDE is sponsoring a raffle as our annual fundraising event. Each SWCD should have already received your tickets. The MACDE will be having a booth at the MASWCD Trade Show, where ALL of the sold and unsold tickets need to be returned. Prizes this year for the raffle include:

- **2-Rock Bakken Prints**
- **2-$50 CASH Prizes**
- **$100 Gander Mtn. Card**
- **Twins Fan Basket**
- **2-Vikings Fan Baskets**
- **2-$50 Visa Gift Cards**
- **$50 Cabela's Gift Card**
- **2-$50 Gander Mtn. Cards**
- **MN Wild Hockey Tickets *(vs. Dallas Stars)***
- **$50 Target Gift Card**

2011 MACDE membership forms were also mailed along with your Raffle tickets. Memberships run on a calendar year, so don't forget to send in your membership renewal!

Don't forget about the 'Early-Bird' drawing...

Get your 2011 memberships paid by November 20, 2010, and you'll be entered into the random drawing for 1 of 8—$25 cash prizes!

Do you have something you'd like to see included in the Newsletter? Have an idea for a website posting? Or need more information on something? Contact your MACDE Area Director or:

Felicia Brockoff, MACDE President
E-mail: fbrockoff@co.carver.mn.us

Noteworthy Tidbit: What sort of options are there for SWCD's to receive Health and/or Dental Insurance?

I was recently contacted by an MACDE member, who requested that I get this information out to all MACDE members. The SWCD recently changed their health/dental insurance providers for 2011. The cost savings to both the SWCD and the employees were **extremely significant**. The Agent they went through was **Dan Kneip** from **Streamline Benefits**. *For more information, or for a quote, please contact Dan directly at Streamline Benefits (952) 758-3049, or email him at dkneip@healthet.com.*

MACDE Mission

- Provide a means of communication between district employees to exchange information and ideas that encourage unification and coordination of our district programs.
- Help to establish and support a continuing education program for all district employees.
- Provide input into the activities of MASWCD and the Board of Water and Soil Resources, to increase the contribution of district employees and effectiveness of districts and their programs.
- Inform district employees of current events and job opportunities.
- Strive to maintain a stable and harmonious working relationship between districts, employees, supervisors, and cooperating agencies.

A note from your outgoing President...

As some (or most!) of you know, I HATE talking in front of a group! As Greg Ostrowski (Todd SWCD) stated during the "Telling isn't Selling—Conservation Marketing" session at the BWSR Academy, "Public speaking is NOT my thing...I am out of my comfort zone here." Greg, I know EXACTLY what you mean, however you did just fine! You've all heard the phrase 'Just try to imagine everyone in their underwear, you'll be fine.' No offence to anyone, but I really don't want to imagine any of you in your underwear... and I'd be willing to bet that feeling is mutual ☺

When I started on the MACDE Board 4-years ago as the Metro Area representative, I felt 'out of my comfort zone.' And when I was nominated to serve as your President, I REALLY felt out of that comfort zone! "I've never done this before...I'm sure there is someone else who is WAY more qualified than me to do this!" is what I kept thinking. Although a lot of us feel the same way at some point, I think we all also know that we DO have it in us to get out of our comfort zone once in a while. In doing so, you might actually find that you enjoyed it.

For those of you who have already been MACDE members for years and years, or just joined and are enjoying being an MACDE member, THANK You! For anyone that has not been an MACDE member, or doesn't know what the Employee's Association does, I'd encourage you to step out of your comfort zone and become a member! The MACDE exists to benefit the Soil & Water Conservation District EMPLOYEES. We have sponsored a $300 per area training stipend, so that you can hold area trainings and offset the costs by using some of the funds you put into MACDE. We have also sponsored an MACDE member to attend the NACD Legislative Conference in Washington DC over the past 3 years. Our membership has increased over the past couple years, which I can only assume means employees are seeing a benefit to being members of the MACDE.

I would like to thank the employees that are members of MACDE, as well as Supervisors, and MASWCD Board for the kindness you've shown toward me over these 4 years. Our MACDE family is a great one to be a part of. I've come to know so many of you personally, as well as your families through talking with so many of you at different trainings/conventions.

So...Thank YOU for getting me out of my comfort zone!

Felicia