Annual Report on Clean Water Fund Appropriations

Minnesota Board of Water and Soil Resources

Annual Report to the Legislature

March 1, 2013

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Introduction

This report has been prepared for the Minnesota State Legislature by the Minnesota Board of Water and Soil Resources (BWSR) in fulfillment of the requirements of Laws of Minnesota 2011, 1st Special Session, Chapter 6, Article 2, Section 7. This requires BWSR to submit "to the legislature by March 1 each year an annual report prepared by the board, in consultation with the commissioners of natural resources, health, agriculture, and the Pollution Control Agency, detailing the recipients and projects funded" with Clean Water Fund. This report outlines BWSR's comprehensive strategy used to implement the Fiscal Year (FY) 2013 appropriation from the Clean Water Fund – one of four funds established through the Clean Water, Land and Legacy Constitutional Amendment approved by voters in 2008.

BWSR is the State's soil and water conservation agency whose mission is to improve and protect Minnesota's water and soil resources. Working through Minnesota's local governments enables BWSR to be strategic in granting funds to meet locally identified water quality goals within the larger scope of Minnesota's clean water efforts. BWSR has a number of Clean Water Legacy grant and easement programs that encourage strategic collaboration and partnerships and utilize a wide range of conservation practices and tools. BWSR's unique mission and structure provides for effective and efficient use of Legacy dollars. BWSR's reporting and tracking requirements ensure measurable and specific results.

Clean Water Fund Appropriation Summary

The 2011 Legislative Session passed FY 2013 Clean Water Fund appropriations of $27,534,000 to BWSR for implementation of nonpoint source pollution reduction programs. The 2012 Legislative Session included passage of an additional FY2013 Clean Water Fund appropriation in the amount of $4,200,000 bringing the total FY 2013 Clean Water Fund amount to $31,734,000. As of March 1, 2012:

- BWSR is in the process of allocating up to $6 million for permanent conservation easement projects to establish buffer strips adjacent to public waters and $2.3 million for conservation easements in wellhead protection areas and bedrock edge areas in four Southeastern MN Counties. BWSR partners with Soil and Water Conservation Districts (SWCDs) to implement these conservation easement programs.

> **Legacy Fund Restoration Evaluation Report**
>
> As required by M.L 2011, First Special Session, Ch 6, BWSR and DNR have jointly completed a report evaluating restoration projects funded through the Clean Water, Land and Legacy Amendment. For further information on the Evaluation Report, please visit the following website: http://www.legacy.leg.mn/projects/restoration-evaluations

- BWSR oversees $500,000 contracted with the Conservation Corp of Minnesota and Iowa for installing and maintaining conservation practices that are consistent with the goals of the Clean Water Fund.

- BWSR has distributed approximately $18.2 million in FY 2013 through a competitive grant process. Each grant applicant must meet various reporting requirements to demonstrate the

effectiveness of these expenditures. These requirements are found in Laws of Minnesota 2012, Chapter 264, Article 5, Section 8 and Laws of Minnesota 2011, 1st Special Session, Chapter 6, Article 4 and 5. Table 1 summarizes the programs and funding allocated under the appropriations.

Table 1: Summary of FY 2013 Clean Water Fund Appropriations to BWSR

Program	Allocation FY13	Description
Riparian buffer conservation easements	$6.0M	Purchase and restore permanent conservation easements on riparian lands adjacent to public waters, except wetlands. Establish buffers of native vegetation that must be at least 50 feet where possible.
Wellhead protection conservation easements	$2.3M	Permanent Conservation Easements on wellhead protection areas under MS 103F.515 Subd. 2, paragraph (d). Must be in drinking water supply management areas designated as high or very high by the Commissioner of Health. The board shall coordinate with the United States Geological Survey, the commissioners of health and natural resources, and local communities contained in the Decorah and St. Lawrence Edge areas of Winona, Goodhue, Olmsted, and Wabasha Counties to obtain easements in identified areas as having the most vulnerability to groundwater contamination.
Clean Water Assistance*	$15.35M	Grants to local government units and joint powers organizations of local government units to protect surface water and drinking water; to keep water on the land; to protect, enhance and restore water quality in lakes, rivers and streams; and to protect groundwater and drinking water, including feedlot water quality and subsurface sewage treatment system projects and stream bank, stream channel and shoreline restoration projects.
Accelerated Implementation *	$2.1M $1.5M	Grants for projects and activities that complement, supplement, or exceed current State standards for protection, enhancement, and restoration of water quality in lakes, rivers and streams or that protect groundwater from degradation. Base Grants for County SSTS implementation.
Community Partners Conservation Program *	$1.5M	Grants to be used for community partners within a LGU's jurisdiction to implement structural and vegetative practices to reduce stormwater runoff and retain water on the land to reduce the movement of sediment, nutrients and pollutants.
Conservation Drainage*	$1.7	Technical assistance and grants for the conservation drainage program in consultation with the Drainage Work Group to facilitate the installation of conservation practices on drainage systems that will result in water quality improvements and evaluate the outcomes of these installations.
Oversight, support, accountability reporting	$1.2M	To provide State oversight and accountability, evaluate results and measure the value of conservation program implementation by local government units and to prepare an annual report detailing recipients and projects funded.
Restoration Evaluations	0.084M	To provide a technical evaluation panel to conduct up to ten restoration evaluations under Minnesota Statutes, Section 1214D.50, Subdivision 6.

** Competitive grant process*

Clean Water Fund Conservation Easement Programs

BWSR's clean water easement programs are a part of a comprehensive, statewide clean water strategy to prevent sediment and nutrients from entering Minnesota's lakes, rivers and streams; enhance fish and wildlife habitat; and protect wetlands, groundwater and drinking water supplies.

BWSR adopted an enrollment policy on September 28, 2011 to establish payment rates and eligibility criteria for both Riparian Buffer and Wellhead Protection conservation easement programs that received Clean Water Fund appropriations, found in Laws of Minnesota 2011, 1st Special Session, Chapter 6, Article 2, Section 7. In addition, BWSR adopted an enrollment policy on December 12, 2012 that established criteria for the addition of bedrock edge areas in the counties of Goodhue, Olmsted, Wabasha and Winona Counties. In 2012, an additional $1M from the Clean Water Fund was allocated to the Wellhead Protection program through the appropriation found in Laws of Minnesota 2012, Chapter 264, Article 2, Section 3. BWSR staff provided enrollment guidance to SWCD staff statewide to address changes to the eligibility and funding of this program.

Riparian buffer enrollment focuses on specific proposal areas as identified through a Request for Proposal (RFP) process with local SWCD's. A total of 46 SWCDs (see map on page 4) have identified proposal areas and are actively promoting the program. The landowner application period has been running continuously and will continue until funding has been utilized.

Wellhead protection enrollment opened on December 1, 2012 and will continue until funding has been utilized. Bedrock Edge enrollment started in January of 2013 and will continue until funding has been utilized.

Riparian Buffer Easement Program

BWSR received $6 million in FY 2013 to acquire permanent Reinvest in Minnesota (RIM) Reserve conservation easements on riparian lands adjacent to public waters, except wetlands. This program uses an innovative approach to connect both Clean Water and Outdoor Heritage Funds ($2.2 million in FY 2012 from OHF) to expand buffers beyond clean water minimums in order to provide additional wildlife habitat benefits.

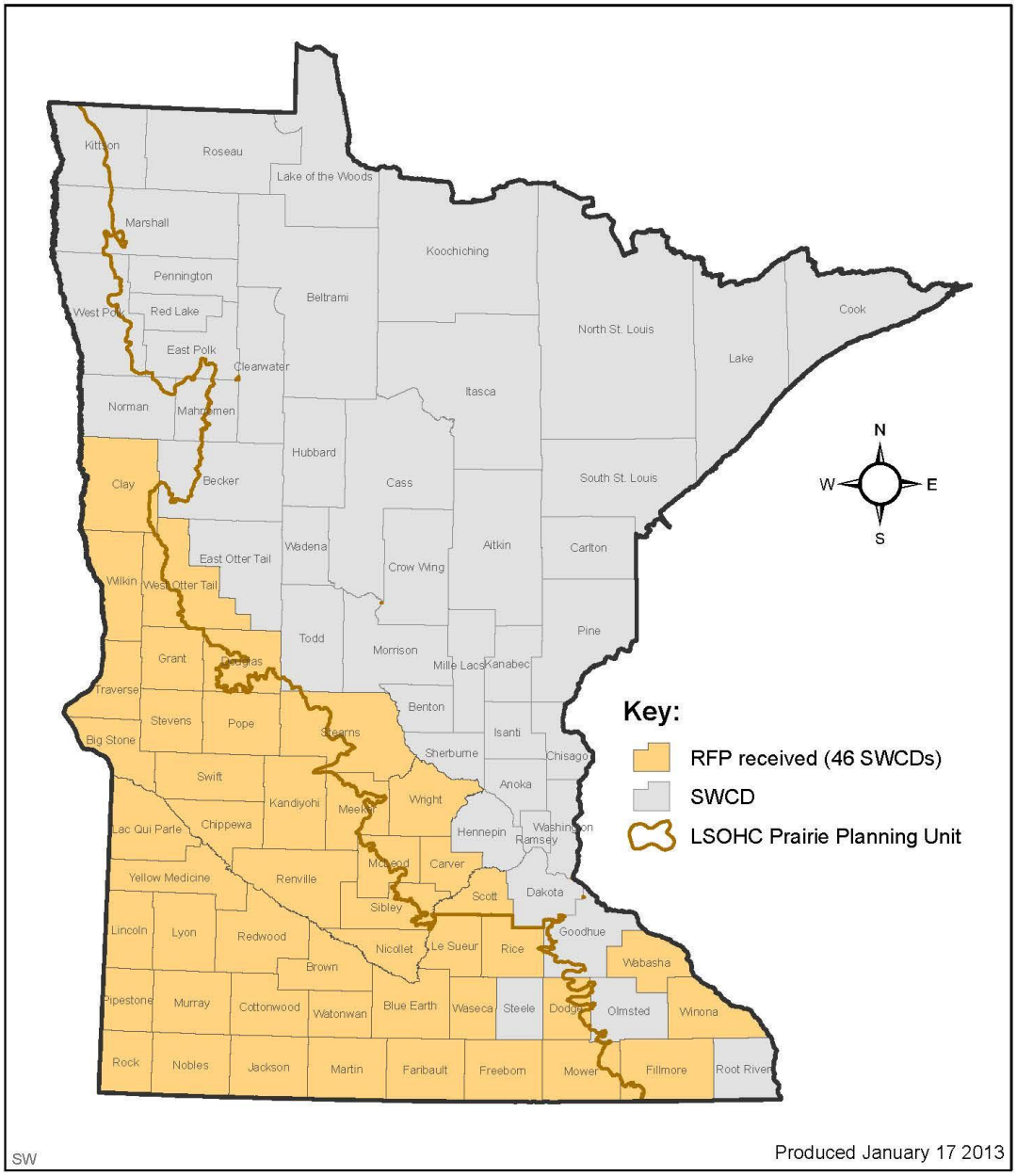
The program creates multiple benefits by targeting lands with a cropping history and new or existing USDA Conservation Reserve Program (CRP) contracts. Participating landowners receive a payment to retire land from agricultural production and to establish permanent buffers of native vegetation. Buffers must be at least 50 feet wide where possible with a maximum width of 100 feet.

As of February 1, 2013 - 100% of the 2012 appropriation of $6 million has been encumbered. Applications have been received to encumber the 2013 appropriation of $6 million. These applications are being processed and will be encumbered over the next few months.

Outcomes and Effectiveness. Studies show that buffers in riparian areas reduce sediment and nutrients entering waterways, stabilize streambanks, and provide food and habitat for many species of wildlife. Buffer strips of native vegetation will be established on easement acres, all of which are adjacent to public waters streams, lakes or public drainage systems. This program is targeting critical CRP acres, so that these areas will be permanently protected instead of enrolled in short-term contracts.

Minnesota Board of Water & Soil Resources
Reinvest in Minnesota (RIM) Reserve

CWF/LSOHC RIM Riparian Buffers: RFPs received as of 1/17/2013



Wellhead Protection Conservation Easement Program

BWSR received a $2.3 million FY 2013 appropriation for this program. The Wellhead Protection program is targeted to areas where the vulnerability of the drinking water supply management area (as defined by Minnesota Rules, part 4720.5100, subpart 13) is designated as high or very high by the Minnesota Department of Health (MDH). An easement must enroll a majority (at least 51 percent) of the land in such an area. In addition, sensitive groundwater bedrock edge areas in Goodhue, Olmsted, Wabasha and Winona Counties are now eligible for funding under this program.

Targeted lands include new or existing CRP contracts with a cropping history. The easements funded under this section are permanent, whereas CRP easements are for 10-15 years. Participating landowners receive a payment to permanently retire land from agricultural production and to establish buffers of native vegetation.

The MDH, in consultation with the MDA, provided BWSR with a list of the most vulnerable wellhead protection areas. SWCDs in those targeted areas are promoting this easement option directly to eligible landowners.

As of February 1, 2013, sign-ups are ongoing for both drinking water supply management areas and bedrock edge areas. It is anticipated that enough applications will be secured to encumber all of the allocated funds for this program.

Outcomes and Effectiveness. Restoring wetlands and grasslands within wellhead protection areas improves water quality by providing a greater distance between drinking water sources and agricultural chemical use. Changing land use from agricultural production to restored grasslands and wetlands has produced dramatic, measurable improvements in water quality. According to MDH, the City of Edgerton experienced a 50 percent reduction in the nitrate levels of its drinking water after landowners enrolled 60 acres of land in the city's wellhead protection area into CRP (Source: "The Protector, Newsletter for Minnesota's Source Water Protection Program," Volume 12, Summer 2004). Because these easements are permanent, as opposed to the short-term CRP easements, the protection of these environmentally sensitive lands will stay secure.

Clean Water Fund Competitive Grant Program

BWSR's Clean Water Fund Competitive Grant Program is a part of a comprehensive, statewide clean water strategy to prevent sediment and nutrients from entering Minnesota's lakes, rivers and streams; enhance fish and wildlife habitat; and protect wetlands, groundwater and drinking water supplies.

In FY 2012, BWSR Competitive Grant Programs included Clean Water Assistance, Accelerated Implementation, Community Partners Conservation Program and Conservation Drainage. Funding for these programs was provided under Laws of Minnesota 2011, 1st Special Session, Chapter 6, Article 2, Section 7. BWSR distributed appropriated program funds as indicated in Table 2.

Table 2: Clean Water Fund Applications Funded per Grant Program

Grant Program	Applications Funded FY13	Total Funds Awarded FY12
Clean Water Assistance	48	$11,275,547*
Clean Water Assistance: Livestock Waste Management	12	$1,748,434**
Clean Water Assistance: SSTS Imminent Health Threat Abatement	12	$1,631,794
Accelerated Implementation	14	$2,000,000
Community Partners Conservation Program	16	$1,400,000
Conservation Drainage	13	$1,642,362
SSTS Program Implementation* **		$1,500,000
Total	**115**	**$21,198,137**

*$575,540 was distributed to a FY2012 application to Olmstead County ** $80,235 from returned Clean Water Funds was distributed to Benton County ***Distributed as part of the Natural Resources Block Grant

BWSR's funding authority for water management is derived from M.S. 103B.3369. Local government units (LGUs) with State approved and locally adopted comprehensive local water management plans are eligible for financial assistance. Although this statute limits BWSR's funding authority to LGUs, it does not limit the ability for non-governmental organizations (NGOs) to collaborate and partner with eligible LGUs.

The Clean Water Fund Competitive Grant Program also incorporated requirements of M.S. 114D.20, which directs the implementation of Clean Water Funds to be coordinated with existing authorities and program infrastructure. Those requirements are referenced in the Clean Water Fund Grants Policy

adopted by the BWSR Board on June27, 2012:
http://www.bwsr.state.mn.us/cleanwaterfund/FY13_CWF_Competitive_Grants_Policy_FINAL.pdf

FY 2013 Process. The FY 2013 Competitive Grant application was open from August 1 through September 14, 2012. BWSR staff notified all eligible local government units of the application via email on July 13 and 30, 2012 and published an announcement in the State Register on July 30, 2012. BWSR staff conducted seven information and outreach sessions to review the grant programs and criteria. These sessions were held on July 12,16,17,19, and 31 and August 1 and 7 of 2012. In addition, a Frequently Asked Questions document was created and posted on the BWSR website to provide updated information to all applicants.

Local government units throughout the State submitted 380 applications (Table 3) for these competitive grants and the total amount requested was more than $76 million. BWSR staff initially reviewed and assessed applications. This assessment resulted in the separation of applications into high – medium – low groupings using the criteria for evaluation identified in the Clean Water Fund Request for Proposals.

Table 3: Summary of BWSR FY 2013 Clean Water Fund Competitive Grant Applications

Applications Received	380
Applications Awarded	116*
Funds Requested	$76,267,184
Funds Awarded	$19,617,902**

*includes FY2012 application from Olmstead County **includes *$575,540 distributed to a FY2012 application to Olmstead County but does not include $80,235 from returned Clean Water Funds distributed to Benton County or $1.5M distributed through Natural Resources Block Grants

An interagency team, consisting of staff from MDA, DNR, MPCA, MDH and BWSR, scored “high” and “medium” ranked applications for Clean Water Assistance, Accelerated Implementation, and Community Partners Conservation Programs. Applications were scored using points-based criteria to rank the proposals (specific program criteria are found in Appendix A, Tables 1-3). Under the Clean Water Assistance Grant Program, BWSR set funding targets for SSTS Imminent Public Health Threat Abatement Grants and Livestock Waste Management Grants at $1.5 Million and $2 Million, respectively. The Imminent Health Threat SSTS Abatement and Feedlot Water Quality funds were scored separately from the competitive grant process. BWSR staff first assessed proposals for program eligibility and then evaluated and scored eligible applications, with input by MPCA staff, based on the criteria found in Appendix A, Tables 4 and 5.

Conservation Drainage applications identified as high or medium were scored by the Drainage Management Team, which consists of staff from the MDA, the DNR, the PCA, University of Minnesota,

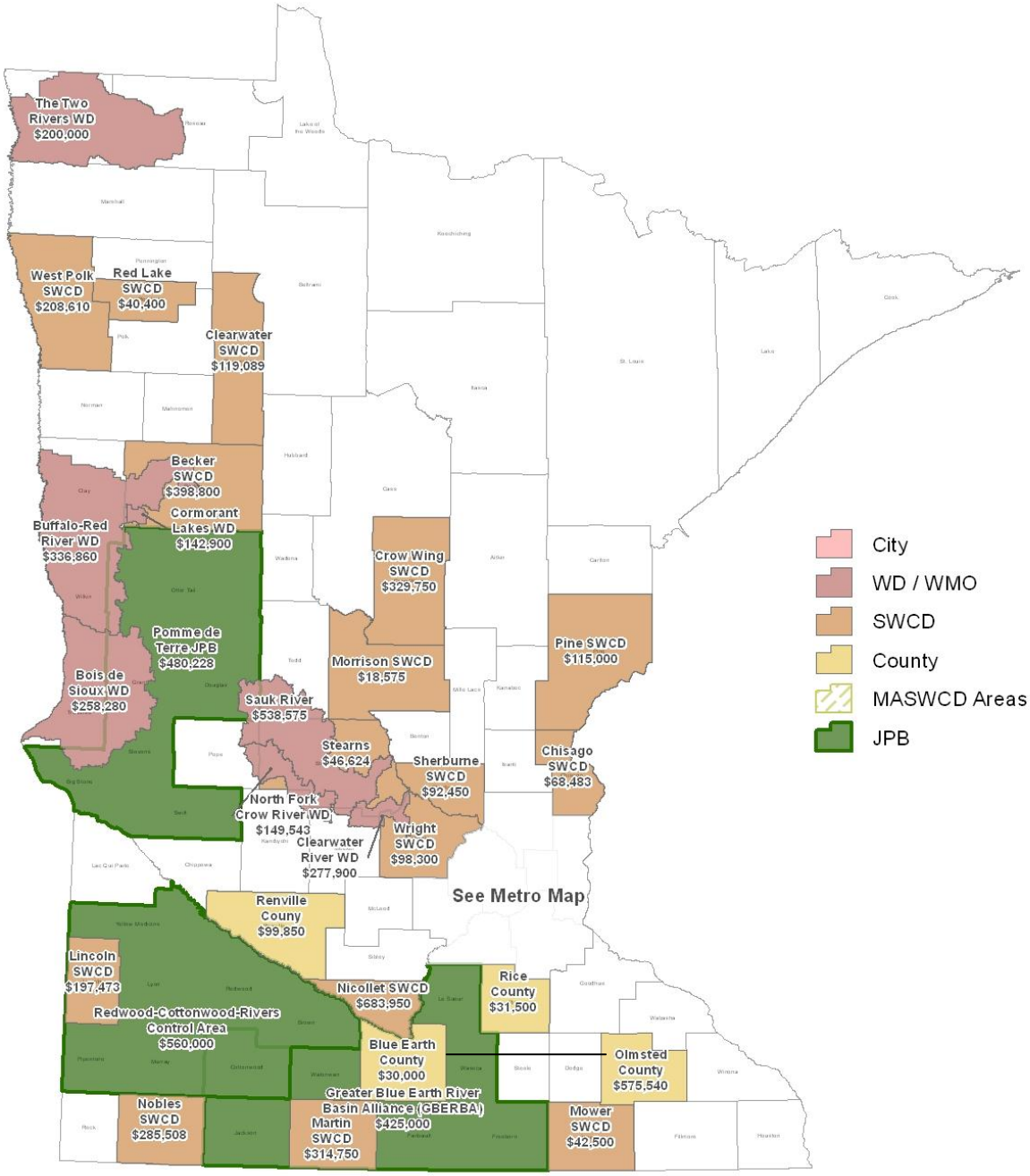
USDA Natural Resources Conservation Service, Minnesota State University - Mankato and BWSR. These applications were scored based on the criteria found in Appendix A, Table 6.

The interagency team leaders combined and averaged all scores to produce a numerical "rank" or order of projects. Projects were recommended for funding based on their rank order and eligible grant category until available funds were expended. Ranked applications that targeted specific water resources or priority conservation practices, but did not identify precise locations for installation of those practices, were recommended for a maximum of 50 percent of requested funding to begin implementation and development of more specific project lists for future applications.

The BWSR Senior Management Team reviewed the recommendation provided by the interagency and BWSR staff teams on November 13, 2012. The BWSR Board Grants Program and Policy Committee reviewed the funding recommendation on November 28, 2012.

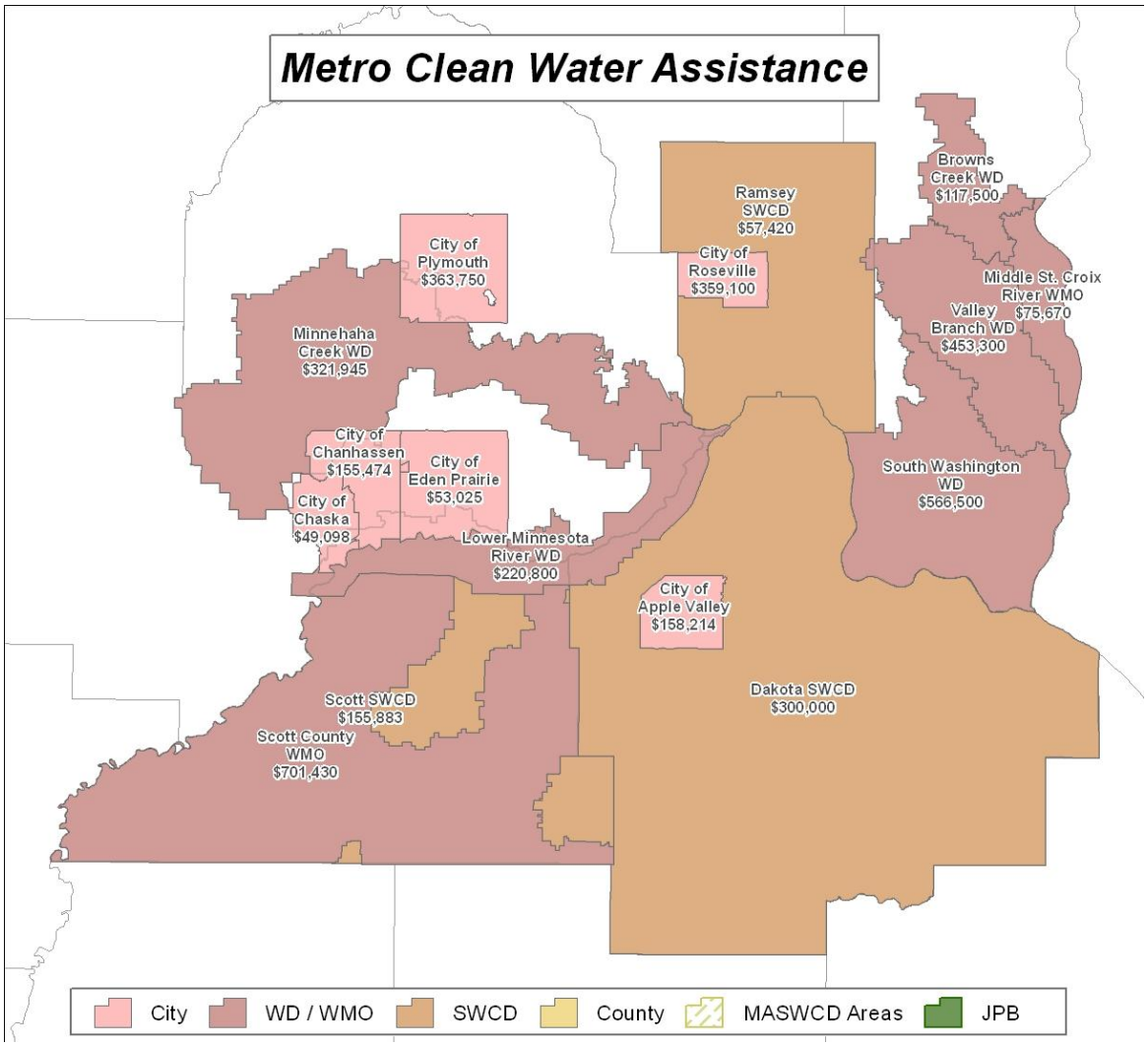
The BWSR Board approved the final funding recommendations for the FY2013 Clean Water Fund Competitive Grants on December 12, 2012. Of the 380 applications received, 108 were approved for funding. In mid-December, BWSR notified all applicants of approval status. The BWSR Board specified a deadline for completion and approval of the work plans by February 15, 2013 and grant execution by March 1, 2013. Once work plans are approved and the grant agreements executed, projects will begin implementation in the spring of 2013. Maps detailing FY 2013 project locations are shown below. Additional narrative detail regarding FY 2013 projects can be found in Appendix B.

Clean Water Assistance



Clean Water Assistance Grants: **FY 2013 Funds Awarded $11,275,547**

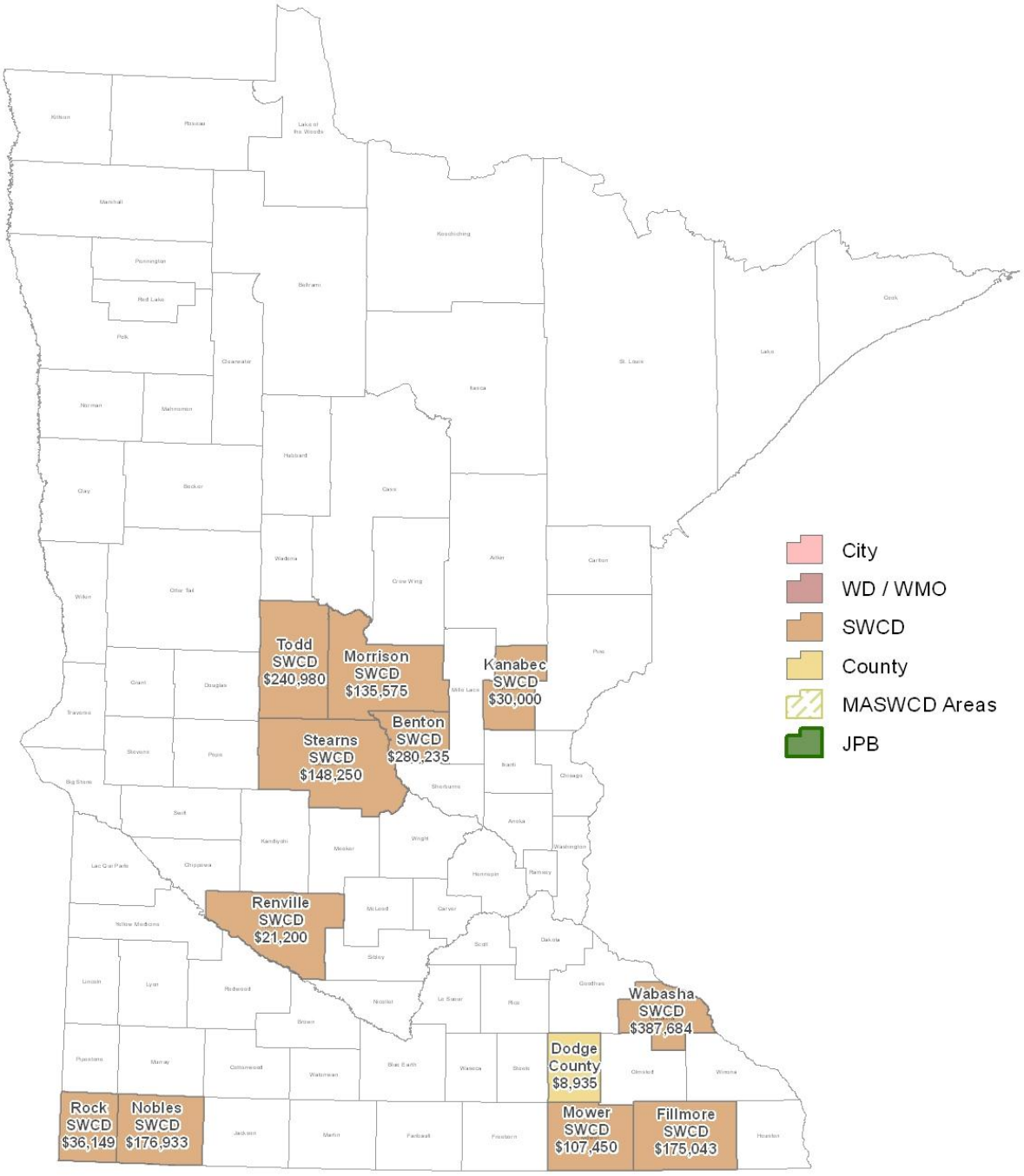
Funds are used to protect, enhance and restore water quality in lakes, rivers and streams and to protect groundwater and drinking water. Activities include structural and vegetative practices to reduce runoff and retain water on the land, stream bank, stream channel and shoreline protection projects.



Clean Water Assistance Grants (Metro Map):

Funds are used to protect, enhance and restore water quality in lakes, rivers and streams and to protect groundwater and drinking water. Activities include structural and vegetative practices to reduce runoff and retain water on the land, stream bank, stream channel and shoreline protection projects.

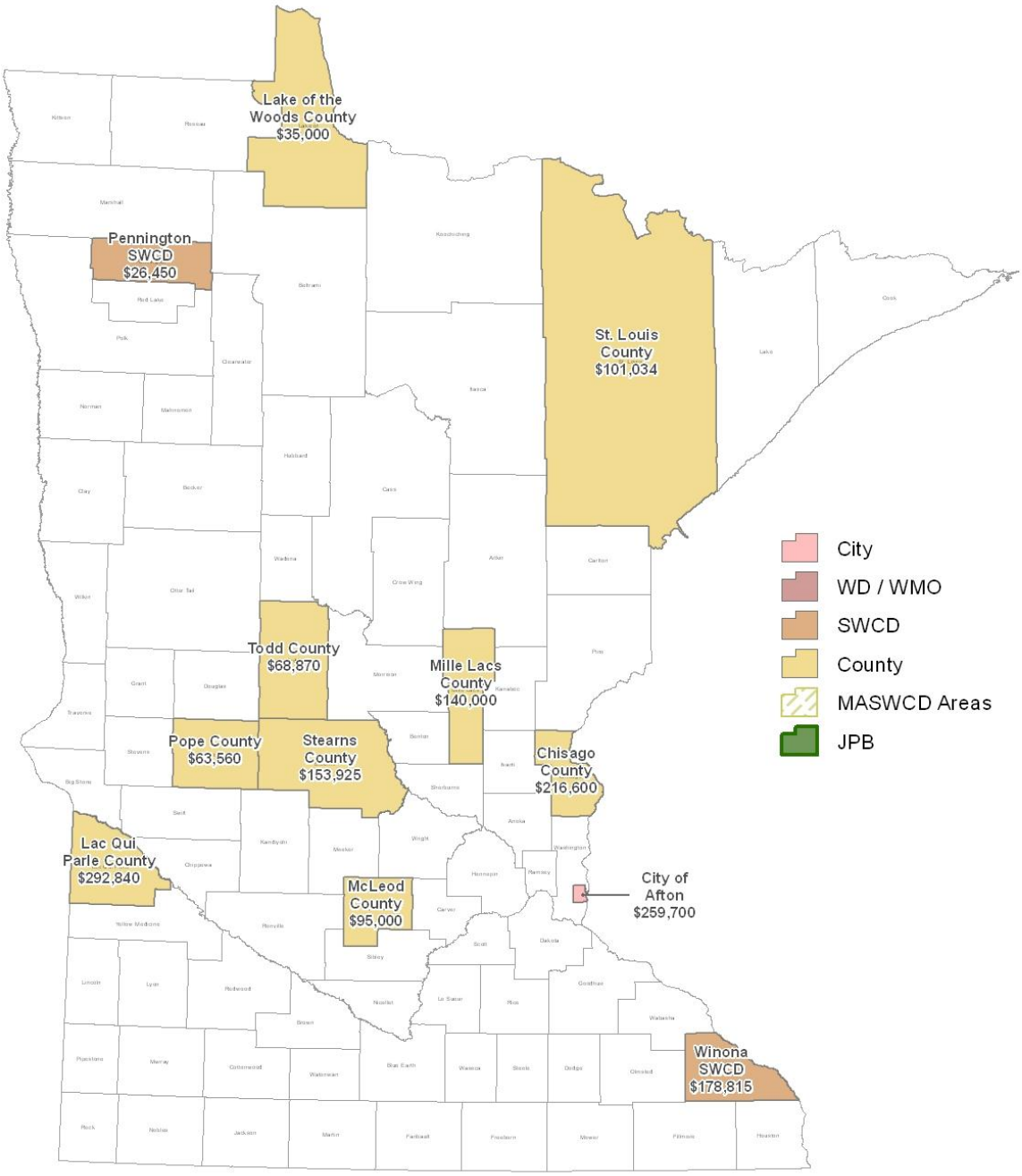
Livestock Waste Management



Clean Water Assistance Grants: Livestock Waste Management **FY 2013 Funds Awarded $1,748,434**

Funds are used to protect, enhance and restore water quality in lakes, rivers and streams and to protect groundwater and drinking water. Activities include, feedlot water quality practices projects to treat and mitigate runoff from open lot feedlot facilities smaller than 500 Animal Units.

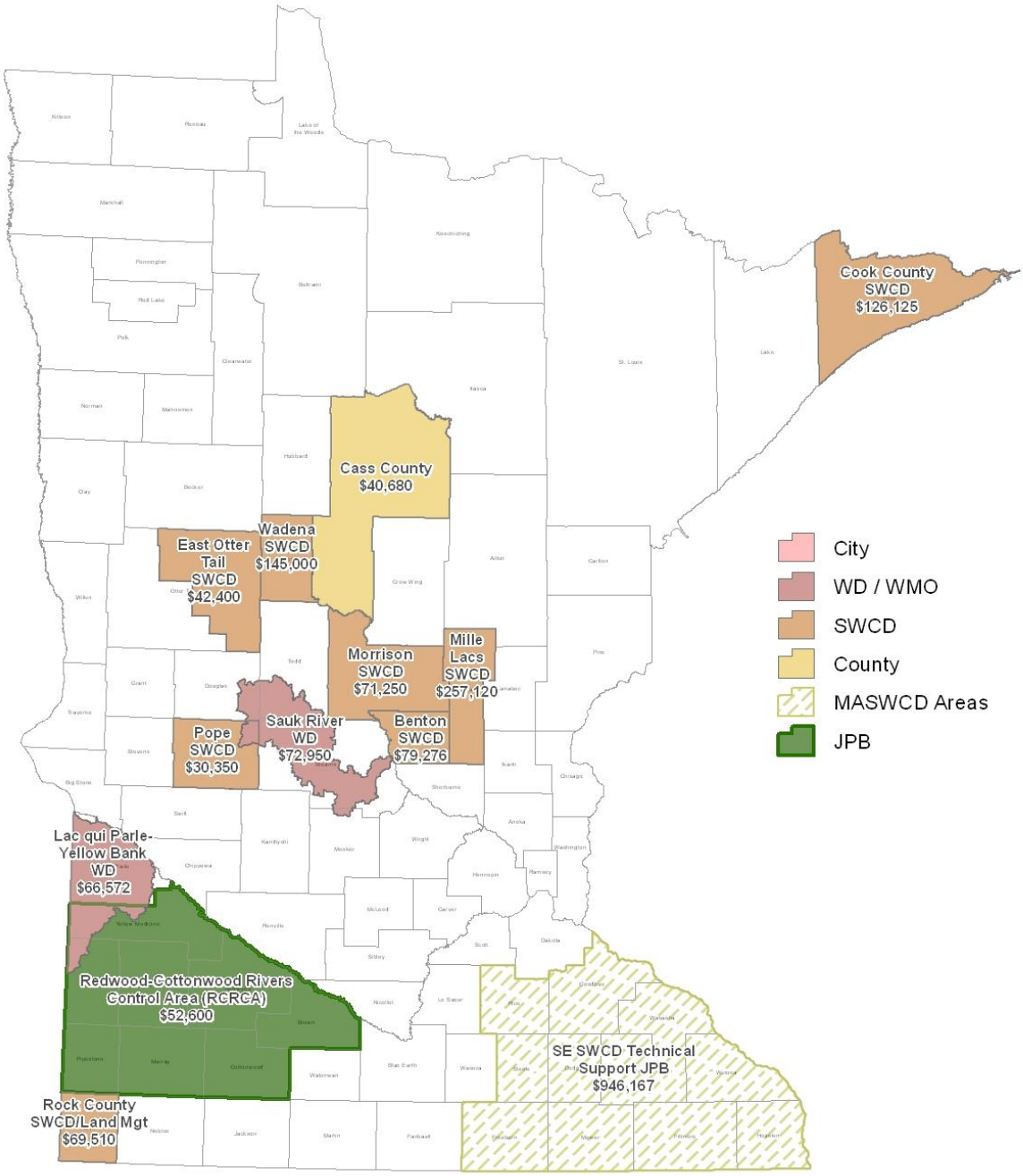
SSTS Abatement



Clean Water Assistance Grants: SSTS Abatement **FY 2013 Funds Awarded $1,631,794**

Funds are used to protect, enhance and restore water quality in lakes, rivers and streams and to protect groundwater and drinking water. Activities include SSTS abatement grants for low-income individuals with Imminent Threat systems and to low-income community systems with a capacity of less than 10,000 gallons per day.

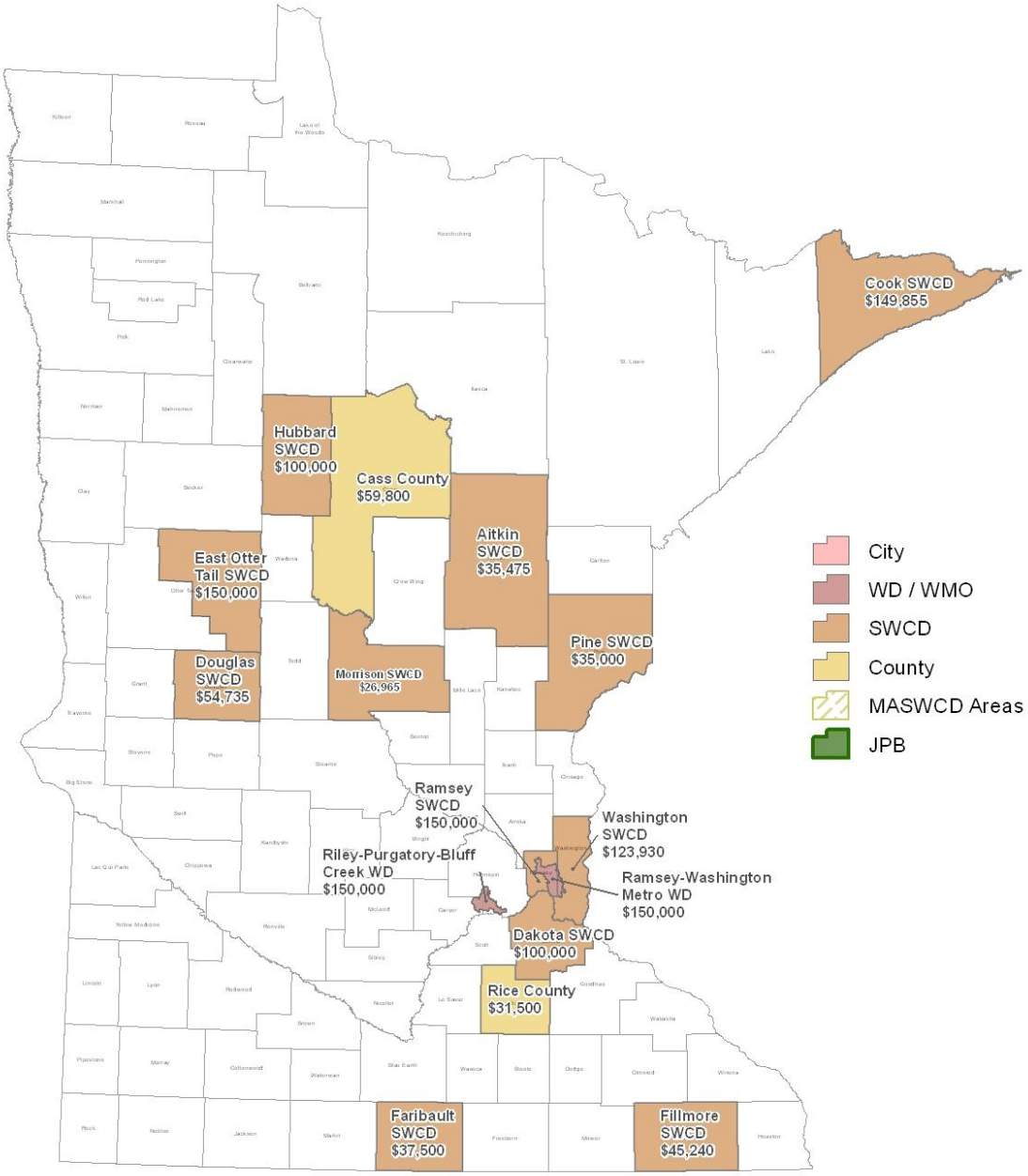
Accelerated Implementation



Accelerated Implementation Grants: **FY 2013 Funds Awarded $2,000,000**

Funds are used for projects and activities (such as ordinances, organization capacity and state of the art targeting tools) that complement, supplement or exceed current State standards for protection, enhancement and restoration of water quality in lakes, rivers and streams or that protect groundwater from degradation.

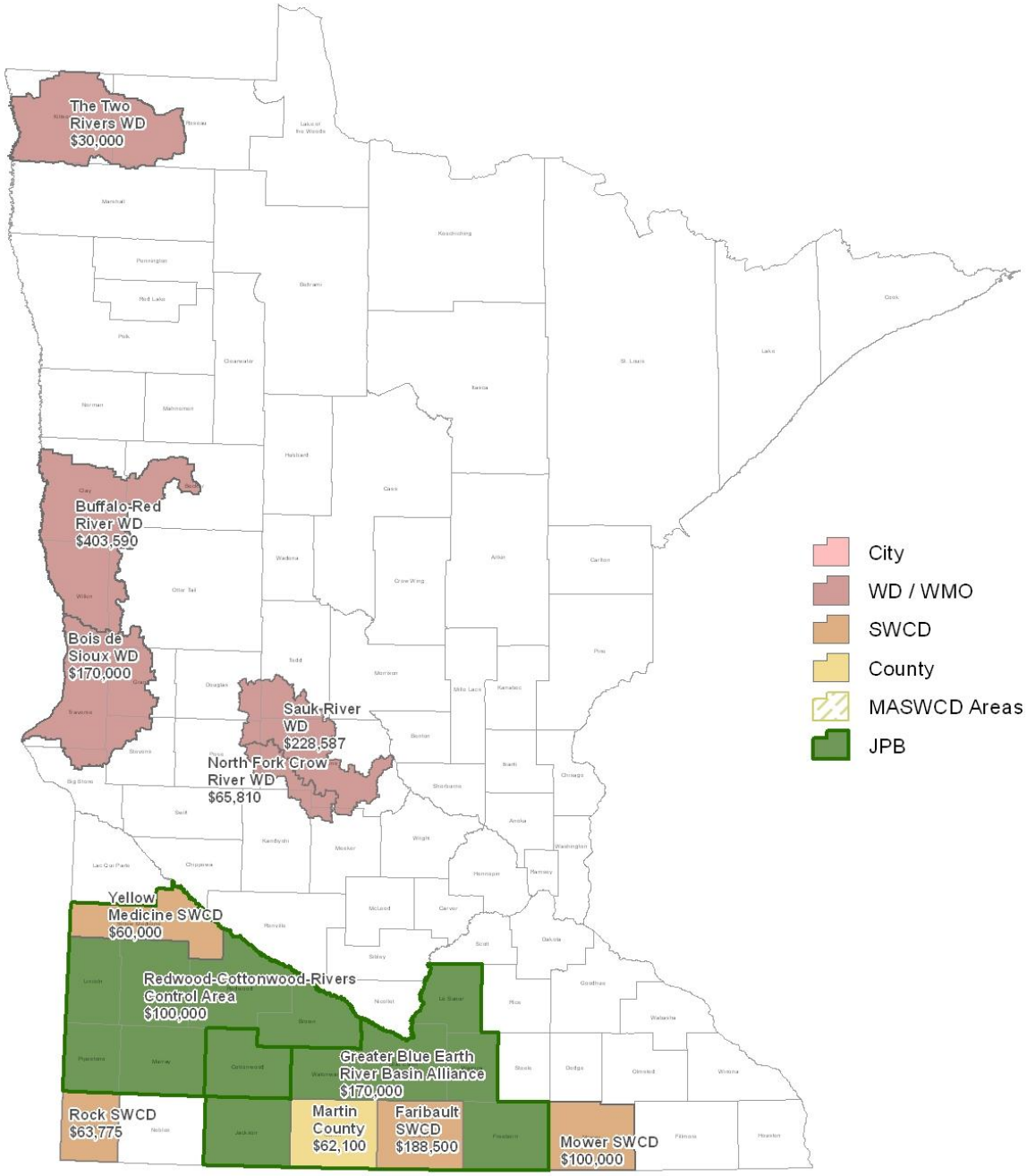
Community Partners



Community Partners Conservation Program Grants: FY 2013 Funds Awarded $1,400,000

Funds are used for community partners (ex. NGOs) within a LGUs jurisdiction to implement structural and vegetative practices to reduce stormwater runoff and retain water on the land to reduce the movement of sediment, nutrients and pollutants. LGUs will be the primary applicant and provide sub-grants to community partners who are implementing practices to accomplish restoration, protection or enhancement of water quality in lakes, rivers and streams and/or protection of groundwater and drinking water.

Conservation Drainage



Conservation Drainage: **FY 2013 Funds Awarded $1,642,362**

Funds are used for pilot projects to retrofit existing or enhance new drainage systems with water quality improvement practices, evaluate outcomes, conduct multipurpose drainage management planning, and provide outreach to landowners, public drainage authorities, drainage engineers, contractors and others.

Outcomes and effectiveness. Sixty (60) grant applications were funded through the Clean Water Assistance Grants: 17 are for water bodies listed as impaired that have a completed Total Maximum Daily Load study (TMDL); 36 are for water bodies listed as impaired that have not completed a TMDL; and 7 are for either drinking water or water quality protection for water bodies that are not listed as impaired and are currently meeting State water quality standards.

BWSR required grant applicants to estimate anticipated intermediate outcomes for proposed projects during the application process. Applicants used pollution reduction calculators, such as the Revised Universal Soil Loss Equation (RUSLE2), and similar tools for estimating effectiveness of keeping water runoff on the land through infiltration, diversion or collection (Appendix C).

For specific project outcomes for SSTS Abatement and Feedlot Water Quality Management Grants, BWSR compared the aggregated number of specific BMPs installed with Clean Water Fund grant dollars to the estimated number of projects to be addressed statewide. In their 2009 SSTS Annual Legislative Report, MPCA developed the following statewide estimate for SSTS imminent health threats:

Table 4: Statewide SSTS Imminent Health Threat Estimates

Number of Onsite SSTS in MN	521,000
Estimated 'Failing' SSTS	113,000 (22 percent)
Estimated Imminent Health Threats	35,300 (7 percent)
Estimated Total Failing and Imminent	148,000 (29 percent)

Source: *http://www.pca.state.mn.us/index.php/about-mpca/legislative-issues/legislative-reports/legislative-reports.html*

Through the efforts of the FY 2013 BWSR SSTS Abatement Grant program, 143 imminent health threat SSTS are proposed to be fixed (Appendix D). Of note, BWSR funds for SSTS Abatement were directed towards low-income residents. However, more analysis would be needed to determine what portion of the estimated 35,300 imminent health threat SSTS statewide would fall into the low-income category.

In 2008, BWSR updated the Feedlot Financial Needs Study that provides estimates of the number of feedlots that are required to be in compliance with the Minnesota State Feedlot Rules (Chapter 7050) and the estimated associated costs. That study estimates that approximately 5,050 feedlot enterprises with fewer than 300 animal units in size need to come into compliance with State feedlot rules. (http://www.bwsr.state.mn.us/publications/Feedlot_Financial_Needs-2008.pdf). The study also estimates that approximately 27 percent of feedlot enterprises are non-compliant. Utilizing 2011 feedlot registration data from the MPCA and using the same 27percent non-compliance rate, it is estimated that 3,882 feedlot enterprises fewer than 300 animal units are non-compliant.

Through the BWSR Livestock Waste Management grants from the Clean Water Fund in FY 2013, a total of 17 feedlots that contain fewer than 300 animal units will be fixed. Appendix E provides a breakdown of feedlots fixed by county in comparison to recent 2011 MPCA registered feedlot data from counties participating in the MPCA delegated feedlot program.

Directed BWSR Clean Water Fund Expenditures

BWSR's directed clean water programs are a part of a comprehensive, statewide clean water strategy to prevent sediment and nutrients from entering Minnesota's lakes, rivers and streams; enhance fish and wildlife habitat; and protect wetlands, groundwater and drinking water supplies.

SSTS Program Implementation

Successful long-term treatment of sewage depends on a system capable of providing adequate treatment and effective on-going operation and maintenance. BWSR was appropriated FY 2013 Clean Water Funds to supplement grants to counties for SSTS program implementation. All counties that have enacted countywide ordinances and have a BWSR approved, locally adopted comprehensive water management plan received this grant as part of the Natural Resources Block Grant. Grant amounts were determined by allocating funds equally by county.

Under Laws of Minnesota 2011, 1st Special Session, Chapter 6, Article 2, Section 7 (b), BWSR allocated $1,500,000 in fiscal year 2013 to counties for SSTS program implementation as described above. These funds were a part of Accelerated Implementation Grants in Table 1.

Conservation Corps of Minnesota and Iowa

BWSR is required to contract with the Conservation Corps of Minnesota and Iowa (formerly Minnesota Conservation Corps) or CCMI, for installation of conservation practices benefitting water quality. The Board approved reserving $500,000 in FY 2013 Clean Water Assistance program funds from Table 1 to comply with this appropriation.

As part of the process, BWSR staff has worked with the CCMI to ensure the following procedures are followed:

- Eligible local governments have an initial 30-day application period
- CCMI has 30 days to review proposals and make a list of projects, consistent with the Clean Water Fund appropriation (Laws of Minnesota 2011, 1st Special Session, Chapter 6, Article 2, Section 7).
- CCMI sends the list of projects to the appropriate BWSR Clean Water Specialist for their review and approval before commitments are made to applicants. This will be accomplished within the 30-day CCMI review period.
- After initial allocations, any remaining funds are available on a first-come, first-served basis by any eligible local government.
- CCMI will report financial information on the use of State funds, and the local government will report outcome and match information in eLINK.

BWSR Administration of Clean Water Fund Expenditures

The goal of the Clean Water Fund directed to BWSR is to reduce non-point source pollution by providing Clean Water Fund dollars to local government units for on-the-ground activities, many of them installed on private lands that will result in improved and protected surface and ground water.

The BWSR Board uses existing authorities, polices, and staff, along with the processes outlined previously, to implement Clean Water Fund programmatic activities. The BWSR Board requires Clean Water Fund awardees to use the eLINK reporting program to track all Clean Water Fund grant-related projects.

For FY 2013, BWSR received a $1,200,000 direct appropriation for Clean Water Program Oversight and in addition, indirect authority for Clean Water Program Administration to provide for implementation and administration of Clean Water Fund dollars. In addition, the FY 2013 initial spending plan has allocated $1,492,981 for implementation and administration. Staffing of 16.6FTE (full time equivalent) is supported in this spending plan, including three full-time positions charged with getting protection and TMDL-derived restoration strategies adopted into local water plans, directing over $16 million of grant funds to priority areas and activities, and aligning administrative procedures to optimize leveraging of non-State funds with low transaction costs. In our efforts to document results and increase technical capacity for the local delivery system, a training program coordinator position has been established. Portions of two other technical staff positions with duties related to reporting and outcomes are being funded with these dollars. As appropriations for non-point restoration and protection continue to ramp up, BWSR funding for additional full-time staff may be necessary to ensure that local implementation produces real-world outcomes.

Appendix A: BWSR Clean Water Fund Ranking Criteria

Table A-1 BWSR Clean Water Assistance Ranking Criteria	Maximum Points Possible
The proposed project demonstrates a high potential of long-term success based on project organization and management structure, partner support and community involvement within the project area.	20
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, groundwater or drinking water protection, hydrologic restoration or aquatic health improvement.	35
The application has a set of specific initiatives that can be implemented soon after grant award.	20
The proposal is based on priority protection or restoration actions listed in or derived from an approved local water management plan or address pollutant load reductions prescribed in an approved TMDL.	25
Total Points Available	**100**

Table A-2 **Clean Water Accelerated Implementation Ranking Criteria**	**Maximum Points Possible**
Clarity of project's goals, standards addressed and projected impact on land and water management and enhanced effectiveness of future implementation projects.	40
Prioritization and Relationship to Plan: The proposal is based on priority protection or restoration actions listed in or derived from an approved local water management plan or address pollutant load reductions prescribed in an approved TMDL.	25
Means and measures for assessing the program's impact and capacity to measure project outcomes.	20
Timeline for implementation.	15
Total Points Available	**100**

Table A-3 **Community Partners Conservation Program Grant Ranking Criteria**	**Maximum Points Possible**
Clarity of project goals, projected impact and involvement with community partners.	40
Prioritization and Relationship to Plan: The proposal is based on priority protection or restoration actions listed in or derived from an approved local water management plan or address pollutant load reductions prescribed in an approved TMDL.	30
Plan for assessing the programs impact and capacity to measure project outcomes.	20
LGU capacity to implement the local grant program processes and protocols.	10
Total Points Available	**100**

Table A-4 **Livestock Waste Management System Ranking Criteria**	**Maximum Points Possible**
Anticipated Outcomes	45
Prioritization and Relationship to Plan	20
Located in Riparian Zone	35
Total Points Available	**100**

Table A-5 **SSTS Abatement Ranking Criteria**	**Maximum Points Possible**
Prioritization and Relationship to Plan	15
SSTS Located in a Riparian Zone	40
SSTS identified	45
Total Points Available	**100**

Table A-6 **Conservation Drainage Ranking Criteria**	**Maximum Points Possible**
Problem Identification and Relationship to Plan.	20
Consistency with Conservation Drainage Program Purposes.	20
Project Located on a Public Drainage System.	10
Project Evaluation Plan.	20
Public Outreach Plans.	10
Overall Proposal Quality and Completeness.	20
Total Points Available	**100**

Appendix B

Table B-1: Clean Water Assistance Grants					
County	**Applicant**	**Amount Requested**	**Amount Recommended**	**Title**	**Project Abstract**
Rice	Rice County Environmental Services	$31,500	$31,500	Targeted Cost-Share Well Sealing in Rice County DWSMAs	The purpose of this project is to provide cost-share well sealing funds to target sealing of unused wells located in highly vulnerable areas within both the City of Faribault, and the City of Northfield's DWSMAs, and other vulnerable areas of Rice County.
Blue Earth	Blue Earth County	$30,000	$30,000	Blue Earth County Water Well Sealing Cost Share Project	The purpose of this project is to expand the County's long standing, locally-funded well sealing cost share program and allow for improved targeting efforts.
Crow Wing	Crow Wing Soil and Water Conservation District	$329,750	$329,750	Stormwater Retrofit as an Asset: Brainerd Community Mississippi Revitalization	The purpose of this project is to install raingardens, shoreline stabilizations, and bioretention areas within the Little Buffalo Creek subwatershed. The project goals and prioritization are from a recently completed Little Buffalo Creek Stormwater Best Management Practice Retrofit Analysis report.
Nobles	Nobles SWCD	$285,508	$285,508	Nobles County Erosion Control Practices	This purpose of this project is to install eighteen conservation practices throughout Nobles County to address the Turbidity impairments in streams within Nobles County.

Table B-1: Clean Water Assistance Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Multi-County	The Greater Blue Earth River Basin Alliance	$850,000	$425,000	Targeting and Addressing Ravines in the Greater Blue Earth Basin	The purpose of this project is to install best management practices to address severe ravines and gullies in targeted specific locations with the Greater Blue Earth River Basin.
Stearns	Stearns County Soil and Water Conservation District	$46,624	$46,624	Thiel Creek Streambank and Watershed Stabilization for Phosphorus Reduction	The purpose of this project is to stabilize nine streambank failure sites utilizing bioengineering methods. There will also be two water and sediment basins installed to reduce the impact of overland flow.
Dakota	Dakota County Soil and Water Conservation District	$300,000	$300,000	Dakota County Clean Water Retrofit Partnership	The purpose of this project is to continue and build on the momentum developed through the successful Stormwater Retrofit Partnership that received Clean Water Funds in 2010 and 2012.The project will complete up to 20 additional stormwater retrofit projects.
Multi-County	Two Rivers Watershed District	$200,000	$200,000	Lake Bronson Watershed Runoff Reduction Project - Phase III	The purpose of this project is to reduce runoff and decrease movement of sediment, nutrients and bacteria by targeting, prioritizing and installing vegetative practices and installing Side Water Inlets within the Lake Bronson watersheds.
Nicollet	Nicollet SWCD	$683,950	$683,950	Seven Mile Creek Watershed Riparian Enhancements for Water Quality	The purpose of this project is to target conservation work to ravines as the principal source of sediment to Seven Mile Creek. This project will also include installation of grassland buffers, water and sediment control basins, and riparian restoration and revegetation.

Table B-1: Clean Water Assistance Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Clearwater	Clearwater SWCD	$119,089	$119,089	Protecting the Clearwater River Watershed through Buffers and Other BMPs	The purpose of this project is to address turbidity and bacteria impairments in the Clearwater River watershed in cooperation with the Natural Resources Conservation Service and the Red Lake Watershed District. Livestock exclusion, buffer strips and bank stabilization practices will be installed along the Clearwater River and its tributaries.
Washington	Brown's Creek Watershed District	$72,500	$72,500	Brown's Creek Restoration with Countryside Auto Repair and MNDNR Trails	The purpose of this project is to achieve significant thermal and sediment reductions in the biologically impaired Brown's Creek by installing one large scale rain garden with infiltration, one pretreatment chamber for sediment capture off of parking and drive lanes, and a two cell bio-filtration garden.
Morrison	Morrison Soil and Water Conservation District	$18,575	$18,575	Fletcher Creek and Mississippi River Shoreline Restoration and Runoff Abatement.	The purpose of this project is to stabilize a severely eroded section of streambank at the outlet of Fletcher Creek, which enters the Mississippi River. This site is contributing large amounts of sediment and is one of the worst erosion sites identified along the Mississippi River in Morrison County.
Stearns	Clearwater River Watershed District	$277,900	$277,900	Cedar Lake Watershed Protection and Improvement Project	The purpose of this project is to target nutrient reductions to the largest watershed sources of nutrient to Cedar and Swartout Lakes by installing iron sand filters to remove soluble phosphorus currently exported from degraded wetlands and lakes.

Table B-1: Clean Water Assistance Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Ramsey	City of Roseville	$359,100	$359,100	Evergreen Park Drainage and Water Quality Improvements	The purpose of this project is to retain water on the land before entering a storm sewer connected to several significant regional water bodies. The proposed improvements will consist of an underground storage chamber and a storm water re-use system to irrigate ball fields. Above ground bioretention basins will also be constructed to provide additional improvement to water quality and volume reduction.
Pine	Pine SWCD	$115,000	$115,000	City of Sturgeon Lake Wellhead Protection Plan Implementation Project	The purpose of this project is to seal over 50% of the unused wells within the limits of the City of Sturgeon Lake. This project will seal between 75-100 unused wells, focusing on wells within the Drinking Water Supply Management Area.
Polk	West Polk SWCD	$208,610	$208,610	Burnham Creek Watershed Restoration Project, Phase I	The purpose of this project is the restoration of a 2-mile portion of Burnham Creek to address turbidity. The project will install eight rock weirs, and include channel stabilization, creation of a natural diversion, creation of pool habitat/cover, and improved fish passage.
Traverse	Bois de Sioux Watershed District	$258,280	$258,280	Mustinka River TMDL Advanced Turbidity Reduction Project	The purpose of this project is to reduce sediment and nutrients from entering the Mustinka River. Several high priority projects will be constructed including: three water and sediment control basins and four sediment basins. In addition, staff time will be provided for project development, promotion, and technical assistance for an estimated 1,680 acres of buffers, 126 acres of wetland restorations.

Table B-1: Clean Water Assistance Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Multi-County	Redwood-Cottonwood Rivers Control Area (RCRCA)	$560,000	$560,000	Redwood-Cottonwood River Watersheds JPB Sediment and Nutrient Reduction Project	The purpose of this project is to work with individual landowners within the Redwood and Cottonwood watersheds through planning, technical assistance activities and 50% cost-share funds associated with the implementation of 10 water and sediment control basins, 9560' of grassed waterways, 2550' of stream bank protection, and 6 grade stabilization projects.
Hennepin	City of Chanhassen	$155,474	$155,474	Ravine #2 Stabilization Project	The purpose of this project is to stabilize a ravine which is tributary to Bluff Creek and the Minnesota River.
Martin	Martin SWCD	$314,750	$314,750	New Ways to Think About Streams and Floodplains	The purpose of this project is to manage streambanks and floodplains using site specific techniques and the Rosgen Geomorphic Channel Design along Elm Creek in Martin County in order to improve water quality and reduce erosion.
Ramsey	Ramsey Conservation District	$57,420	$57,420	Lambert Creek Stream Bank and Buffer Restoration Project	The purpose of this project is to restore a severely eroded portion of streambank along Lambert Creek. A buffer will also be restored as part of this project.
Sherburne	Sherburne Soil and Water Conservation District	$92,450	$92,450	St. Cloud Stormwater Treatment Project	The purpose of this project is to target an older residential area that does not have permanent water quality treatment in St. Cloud. Rain gardens with pre-treatment devices will be strategically placed, as identified in the completed sub-watershed assessment, to maximize water quality benefits.

Table B-1: Clean Water Assistance Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Multi-County	North Fork Crow River Watershed District	$149,543	$149,543	NFCRWD Water Retention/Wetland Restoration Projects	The purpose of this project is to restore wetlands at 3 locations. The project also involves two additional project sites to mitigate County Ditch drainage above Rice Lake.
Scott	Scott Watershed Management Organization	$381,430	$381,430	Blakeley Trail Ravines Stabilization, Scott County	The purpose of this project is to reduce sediment to the Minnesota River by implementing ravine stabilization techniques. Approximately eight check dams and 1 to 2 large Water and Sediment Control Basins were selected for implementation based on a Feasibility Study completed in early 2012.
Multi-County	Pomme de Terre River Association	$480,228	$480,228	Pomme de Terre River Watershed 2013 BMP Implementation Initiative	The purpose of this project is to implement best management practices including rain gardens, streambank and lakeshore restorations, buffers and wetland restorations utilizing CRP and WRP signups as well as other Federal programs. A total of 935 acres of buffers and wetlands will be protected and restored, 54 water and sediment control basins, 20 rain gardens, 1 streambank and lakeshore restoration, and 1 terrace project will be implemented.
Multi-County	Buffalo-Red River Watershed District	$336,860	$336,860	Upper South Branch BMP Strategic Implementation Plan - Part 2	The purpose of this project is to continue the strategic implementation of BMPs within the Upper South Branch of the Buffalo River watershed. In addition, this project will result in approximately 305 acres of new filter strips, 50 side inlet sediment control structures, and 8 sediment control basins being installed.

Table B-1: Clean Water Assistance Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Multi-County	Lower Minnesota River Watershed District	$220,800	$220,800	Bluff Ravine Stabilization at Seminary Fen	The purpose of this project is for the design and implementation of a gully stabilization to protect the Seminary Fen from degradation.
Lincoln	Lincoln SWCD	$197,473	$197,473	Lake Shaokatan and Yellow Medicine Sub-Watersheds Implementation Project	The purpose of this project is to target best management practices in the watersheds of Lake Shaokatan, main stem and south branch of the Yellow Medicine River Watershed. Currently, 20 projects and willing landowners are identified and scheduled to be surveyed, designed and ready for construction starting in the spring of 2013.
Hennepin	City of Eden Prairie	$53,025	$53,025	Iron-enhanced Filtration Bench - Stormwater Pond 22-13-B	The purpose of this project is to retrofit a water quality pond in the City of Eden Prairie that drains to Staring Lake, with iron enhanced sand filtration.
Wright	Wright Soil and Water Conservation District	$98,300	$98,300	Crow River Gully Stabilization to Reduce Turbidity	The purpose of this project is to stabilize five of the most active gully erosion sites in the targeted DNR 11 digit HUC 07010204160 on the Crow River, as well as use the installed best management practices to help promote future conservation practices.
Becker	Becker Soil & Water Conservation District	$398,800	$398,800	Buffalo-Red River Watershed Shallow Lakes Restoration Project	The purpose of this project is the installation of 50 water and sediment control basins and 20 acres of vegetative buffer strips adjacent to nine impaired lakes.

Table B-1: Clean Water Assistance Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Scott	Scott Watershed Management Organization	$320,000	$320,000	Cleary Lake Regional Park Water Quality Retrofits	The purpose of this project is to cost effectively incorporate stormwater improvements into the parking lot and access road at Cleary Lake Regional Park. There currently is no direct treatment of stormwater from the road and parking lot prior to discharge to Cleary Lake and installation of seven biofiltration facilities will bring the system up to current water quality standards.
Mower	Mower Soil and Water Conservation District	$42,500	$42,500	Upper Iowa River Upland Restoration Project	The purpose of this project is to treat overland flow by constructing grass waterways in the upper reaches of the watershed and treat that water all the way down to the streambank. Directly adjacent to the streambank, an earthen structure will be built, to trap, treat and release the water back into the Upper Iowa at a responsible rate.
Renville	Renville County	$199,700	$99,850	Hawk Creek Watershed Runoff and Sedimentation Reduction Project	The purpose of this project is to improve and protect water quality through implementation of small-scale Best Management Practices within the watershed to reduce runoff and decrease movement of sediment and nutrients. BMPs will be targeted in areas with waters that have been deemed impaired.
Becker	Cormorant Lakes Watershed District	$142,900	$142,900	Cormorant Lakes Prioritized Erosion and Sediment Reduction Project	The purpose of this project is to proactively implement erosion and sediment control best management practices using results from a LIDAR-based terrain analysis completed in 2010 and 2011.

Table B-1: Clean Water Assistance Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Stearns	Sauk River Watershed District	$538,575	$538,575	SRWD Municipal Stormwater Management and Retrofit Project	The purpose of this project is to address stormwater runoff concerns within the communities of Sauk Centre, Cold Spring and St. Cloud by providing treatment through bioretention and infiltration. Located adjacent to the Sauk River, each city has stormwater outfalls that directly discharge to the river creating a negative impact on water quality.
Red Lake	Red Lake County SWCD	$40,400	$40,400	Stormwater Runoff Improvement Project along the Clearwater River	The purpose of this project is to install a bioswale and raingarden to address stormwater runoff from a large parking lot adjacent to the Clearwater River.
Dakota	City of Apple Valley	$158,214	$158,214	Phosphorus Reduction Enhancements to Public Water 19022500	The purpose of this project is the installation of an iron enhanced sand filter to the banks of an existing stormwater pond. In addition, a phased application of alum will be applied to the pond.
Washington	South Washington Watershed District	$566,500	$566,500	SWWD Water Re-Use and Lake Restoration	The purpose of this project is to install two large scale water re-use systems. The water re-use systems at Eagle Valley and Prestwick Golf Courses will capture urban runoff and excess nutrients that would otherwise flow into Colby and Bailey Lakes and use it for irrigation.
Hennepin	City of Plymouth	$363,750	$363,750	The 400 Project	The purpose of this project is to reduce 80 acres of existing impervious surface within the City of Plymouth and increase infiltration through the implementation and use of porous pavement(s) and/or reinforced turf technology.

Table B-1: Clean Water Assistance Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Hennepin	Minnehaha Creek Watershed District	$321,945	$321,945	Implementing Community Stormwater Management Projects using Master Water Stewards	The purpose of this program is to install pollution prevention projects on both residential and commercial properties and educate citizens in their neighborhoods to reduce urban runoff and nutrient loads. These projects will be led by community leaders who have been identified, educated and certified as Stewards.
Washington	Middle St. Croix WMO	$75,670	$75,670	Quixote Avenue Retrofit Project - Lakeland, MN	The purpose of this project is to implement previously identified and targeted water quality improvement projects on Quixote Avenue by building a number of stormwater treatment features including bioretention features and a stable armored outlet to convey treated runoff outletting from the stormwater treatment features, down the bluff to Lake St. Croix River.
Carver	City of Chaska	$49,098	$49,098	Birdie Lane East Ravine Improvements	The purpose of this project is to eliminate ravine erosion and provide water quality treatment for an 8.2-acre watershed to reduce Total Phosphorus reaching Lake Hazeltine.
Washington	Brown's Creek Watershed District	$45,000	$45,000	Brown's Creek Restoration - Retrofitting Neal Ave Neighborhood	The purpose of this project is to install 9-12 street side raingardens in a residential development in Stillwater that currently has no treatment and directly contributes stormwater to Brown's Creek, a DNR designated trout stream currently impaired for turbidity and lack of cold water assemblage. This project was identified as a high priority in the Brown's Creek TMDL Implementation Plan.

Table B-1: Clean Water Assistance Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Scott	Scott SWCD	$155,883	$155,883	Native Grasses and Filter Strips for Runoff and Pollution Reduction	The purpose of this project is to continue the successful Scott SWCD/WMO Native Grass Program and Filter Strip Program. Designed to reduce runoff and moderate stream flows. The Scott WMO has a long-term strategy to reduce runoff volumes and targeted pollutants in priority areas, with native grass crops and filter strips identified as key practices. Being targeted are 50 and 20 acres of native grasses and filter strips, respectively.
Washington	Valley Branch Watershed District	$453,300	$453,300	Valley Creek Infiltration and Ravine Stabilization Projects	The purpose of this project is to minimize sediment erosion in the ravines adjacent to Valley Creek, protect trout stream habitat, and reduce sediment and phosphorus loads to Lake St. Croix. Overall, two ravines will be stabilized.
Chisago	Chisago SWCD	$115,000	$68,483	Pleasant Hill Park Stormwater Retrofit	The purpose of this project is to create biofiltration features within Pleasant Hill Park located in Lindstrom, MN. This area was identified as a high priority due to the high volume of untreated stormwater that discharges directly into South Lindstrom Lake.
Olmsted*	Olmsted County	$575,540	$575,540	Cascade Creek Turbidity Reduction Through Rural Retention and Stream Restoration	The purpose of this project is to design, construct and maintain two retention structures and restore approximately 4,700 LF of failed stream bank to address nonpoint source turbidity pollution in rural areas, while also restoring aquatic health and providing flood protection.

*FY2012 Application

Table B-2: FY 2013 Clean Water Assistance: SSTS Abatement Grants

County	Applicant	# of Imminent Health Threat Abatements	Grant Award
Washington	City of Afton	25	$259,700
Pennington	Pennington Soil &Water District	2	$26,450
Pope	Pope County	4	$63,560
Winona	Winona County Soil &Water District	13	$178,815
Lake of the Woods	Lake of the Woods County	4	$35,000
Todd	Todd County	10	$68,870
Mille Lacs	Mille Lacs County	14	$140,000
Stearns	Stearns County	14	$153,925
Chisago	Chisago County	6	$216,600
Lac qui Parle	Lac qui Parle County	28	$292,840
McLeod	McLeod County	5	$95,000
St. Louis County	St. Louis County	10	$101,034
Total		**143**	**$1,631,794**

Table B-3: FY 2013 Clean Water Assistance: Livestock Waste Management Grants

County	Applicant	#of Projects	Total BWSR Award
Benton	Benton Soil &Water District	3	$280,235
Dodge	Dodge County	1	$8,935
Fillmore	Fillmore Soil &Water District	1	$175,043
Kanabec	Kanabec Soil &Water District	1	$30,000
Morrison	Morrison Soil &Water District	1	$135,575
Mower	Mower Soil &Water District	1	$107,450
Nobles	Nobles Soil &Water District	2	$176,933
Renville	Renville Soil &Water District	1	$21,200
Rock	Rock Soil &Water District	1	$36,149
Stearns	Stearns Soil &Water District	1	$148,250
Todd	Todd Soil &Water District	3	$240,980
Wabasha	Wabasha SWCD	2	$387,684
Total		**17**	**$1,665,390**

Table B-4: Accelerated Implementation Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Wadena	Wadena Soil and Water Conservation District	$145,000	$145,000	Accelerated Ground Water Protection Through Irrigation Water Management	The purpose of this project is to establish a shared Irrigation Specialist through the Hubbard, Todd and Wadena SWCD's to work with irrigation producers. Most of the tri-county irrigated acreage consists of highly permeable, low water holding capacity, sandy textured soils overlying very susceptible aquifers.
Cass	Cass County Environmental Services	$40,680	$40,680	East and West Sylvan Township Septic Sweep Compliance Inspections	This purpose of this project is to conduct 500 compliance inspections of ISTS systems in East and West Sylvan Townships which lie in the extreme southern part of Cass County. The majority of systems are located within the Shoreland Zone and have been classified as having soils sensitive to nitrate contamination.
Stearns	Sauk River Watershed District	$72,950	$72,950	SRWD's Advance Watershed-wide BMP Implementation Strategy	The purpose of this project will address impaired water resources throughout the Sauk River Watershed District by providing the necessary tools for the SRWD and local agencies to work together to target priority areas, install the necessary BMPs, and track what has been completed to achieve reduction goals for each impaired waterbody.
Mille Lacs	Mille Lacs SWCD	$257,120	$257,120	Accelerated Outreach to Agricultural Producers to Advance BMP Implementation.	The purpose of this project is to provide an agricultural technician who will work directly with producers to answer questions, identify sensitive natural resource features and provide conservation plans that will result in the implementation of best management practices to protect local soil and water resources.

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Otter Tail	East Otter Tail Soil and Water Conservation District	$42,400	$42,400	Otter Tail County Lake Assessments Phase II	The purpose of this project is to work in conjunction with RMB Labs to complete Individual Lake Assessments on the remaining 38 lakes in Otter Tail County that have enough data for an assessment. This information, along with the information from the first lake assessment project, will be incorporated into the Otter Tail County Comprehensive Water Management Plan.
Rock	Rock County SWCD/Land Mgt	$69,510	$69,510	Rock River Watershed BMP Targeting Tools	The purpose of this project is to utilize LiDAR topographic data to determine areas of high effectiveness for BMP implementation on the 570 square mile Rock River Watershed. This will be Phase I of a focused approach to address the areas of the watershed that will provide the best return on dollars spent for BMPs in each county.
Multi-County	Lac qui Parle-Yellow Bank Watershed District	$66,572	$66,572	Lac qui Parle Yellow Bank Watershed GIS Terrain Analysis	The purpose of this project is to contract with the Water Resource Center at the Minnesota State University in Mankato to complete terrain analysis for the watershed. It will concentrate on the impaired reaches of the Lac qui Parle and Yellow Bank Rivers and tributaries. This analysis will provide valuable data for future planning and prioritizing of projects.
Multi-County	SE SWCD Technical Support JPB	$613,047	$613,047	Accelerated NPEA Engineering Assistance in SE MN	The purpose of this project is to continue to fully fund 3 Non Point Engineering Assistance JPB positions in cooperation with the NPEA Base Funding anticipated at $130,000 per year. This will allow a 2nd Professional Engineer to be retained in addition to a Lead Engineer and Technician.

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Benton	Benton SWCD	$79,276	$79,276	Mayhew Lake Nutrient Management, Feedlot and Pasture Assessments	The purpose of this project is to inventory, assess and design projects, focusing on feedlot runoff, for inclusion in future grant applications and federal funding opportunities. Efforts will be located in Benton County based on high priority work areas identified in TMDL plans.
Multi-County	Redwood-Cottonwood Rivers Control Area (RCRCA)	$52,600	$52,600	Redwood-Cottonwood River Watersheds LIDAR BMP Prioritization Targeting Tool	This purpose of this project is to accelerate conservation efforts to reduce overland runoff and bacteria, sediment and nutrient loadings through further refinement of already targeted sub-watersheds in the Redwood and Cottonwood rivers as outlined in TMDL studies. Activities through this project seek to create a suite of maps showing focus areas based on environmental sensitivity variables through GIS analysis using precision LIDAR DEM data.
Pope	Pope Soil and Water Conservation District	$30,350	$30,350	Ravine Inventory and Preliminary Design for Lake Minnewaska's South Shore	The purpose of this project is to do a full inventory of the ravines on the south shore of Lake Minnewaska. Lake Minnewaska is the largest body of water in Pope County and is a highly used recreational lake. The erosion in these ravines is causing large amounts of sediment and phosphorus to be dumped directly into Lake Minnewaska.
Morrison	Morrison Soil and Water Conservation District	$71,250	$71,250	Morrison County SSTS Compliance Ordinance Pilot Implementation - Fish Trap Lake	The purpose of this project is to implement a new SSTS compliance ordinance by piloting comprehensive septic inventory inspection on Fish Trap Lake with cooperation of the Fish Trap Lake Association.

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Multi-County	SE SWCD Technical Support JPB	$333,120	$333,120	Accelerated Feedlot Technical Assistance in SE MN	The purpose of this project is to extend 2 feedlot technical positions initially created and funded by a FY2011 CWF Feedlot Water Quality Grant that assess and help fix animal waste runoff from small feedlots.
Cook	Cook County Soil and Water Conservation District	$228,343	$126,125.00	Targeting nutrient loading reduction from prioritized shoreline SSTS inspections	The purpose of this project is to conduct ISTS inspections on Tom Lake, Greenwood Lake, and McFarland Lake. Incorporated into the process will be development of a database system and GIS mapping to be implemented into future inspections. Upon successful completion of the project, new septic inspection protocols will be developed and amended into new septic ordinances.

Table B-5: Community Partners Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Dakota	Dakota County Soil and Water Conservation District	$100,000	$ 100,000	Dakota County Clean Water Community Initiative	The purpose of this project is to provide cost share funding to organizations and associations to construct medium-sized water quality best management practices in Dakota County.
Ramsey	Ramsey Conservation District	$150,000	$150,000	Ramsey County Community Partners	The purpose of this project is to provide opportunities to community partners to install 6-12 stormwater best management projects that will help protect and improve water quality of county lakes. Properties within a subwatershed of a TMDL or completed subwatershed assessment will be targeted.
Cass	Cass County Environmental Services	$59,800	$59,800	Cost Effective Stormwater Control in Cass County	The purpose of this project is to engage local lake associations and other local non-profits to partner in community efforts to retrofit areas in their communities by installing curb cut raingardens at strategic locations.
Washington	Washington Conservation District	$123,930	$123,930	Large Turf Areas Conversion to Native Plantings	The purpose of this project is to engage community partners to reduce overall phosphorus contributions to Lake St. Croix by converting maintained turf grass areas to native plant cover. The goal of this project is to install 30 projects.

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Otter Tail	East Otter Tail Soil and Water Conservation District	$150,000	$150,000	Otter Tail County Community Partners Conservation Sub-grant Program	The purpose of this project is to enable community groups to go beyond planning and take action to protect their water resources. Community groups that participate will emerge with an engaged and energized membership, a better understanding of how to positively influence their water quality, and well positioned to identify and implement future water quality protection projects.
Douglas	Douglas Soil and Water Conservation District	$54,735	$54,735	Partners for Clean Water-Douglas County Conservation Grant Program	The purpose of this project is to enable community groups to take action to improve their water resources. Engaging citizens directly in project development and installation efforts provides immediate water quality benefits and develops a community of active stewardship.
Hubbard	Hubbard SWCD	$100,000	$100,000	Hubbard County Community Partners Conservation Program	The purpose of this project is to give community groups the resources necessary to build interest in and awareness of the water quality challenges facing their lakes and empower them to make positive improvements in the form of reduced stormwater runoff. Additionally, this program will share the cost of implementing the structural and vegetative practices.
Cook	Cook County Soil and Water Conservation District	$149,855	$149,855	Lake Superior Basin Stormwater Management Implementation Projects	The purpose of the project is to provide sub-grant opportunities to community partners in the Lake Superior Basin who would like to implement rain gardens to reduce the stormwater footprint on Lake Superior. It is projected that 4 to 5 rain gardens could be completed providing stormwater treatment to approximately 18 to 30 acres in the Cook County.

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Fillmore	Fillmore SWCD	$45,240	$45,240	Fillmore County Community Partners Stormwater Mini-Grant Program	The purpose of this project is to provide an opportunity to work with non-profits and other groups in local communities to implement stormwater practices that improve infiltration, storage and treatment of stormwater before it discharges into streams and rivers.
Aitkin	Aitkin County Soil & Water Conservation District	$35,475	$35,475	Aitkin County Partnerships for Clean Water	The purpose of this project is to partner with the Aitkin County Lakes and Rivers Association, Lake Associations, as well as other eligible community partners to reduce the impacts of stormwater runoff and retain water on the land. A mini-grant program will be implemented to install rain gardens and native vegetation buffers along shorelines.
Pine	Pine Soil and Water Conservation District	$35,000	$35,000	St. Croix River Community Low Impact Development Implementation Projects	The purpose of this project is to improve water quality by reducing the sediment and phosphorus delivery to the Kettle and St. Croix River Watersheds
Multi-County	Ramsey-Washington Metro Watershed District	$150,000	$150,000	Targeting Faith Organizations for Water Quality Improvement	The purpose of this project is to collaborate with faith organizations in high priority areas to implement stormwater volume reduction retrofit projects. High priority areas are defined as areas with limited to no stormwater treatment before reaching a water body and/or areas that drain to an impaired water.

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Hennepin	Riley-Purgatory-Bluff Creek Watershed District	$150,000	$150,000	Restoring our Waters through our Community	The purpose of this project is to implement medium sized Best Management Practices that would infiltrate and reduce pollutant loads to the waters in the Riley-Purgatory-Creek Watershed District. This will be accomplished by creating a mini grant program for area non-profits, community groups and lake associations.
Faribault	Faribault SWCD	$37,500	$37,500	Faribault County Stormwater Mini Grant Program	The purpose of this project is to develop a mini grant program that will allow us to partner with area non-profits, community groups and lake associations to implement stormwater management practices that will intercept, treat, filtrate and/or infiltrate runoff which will reduce phosphorus and sediment loads into high priority and TMDL impaired waters in Faribault County.
Rice	Rice County Environmental Services	$31,500	$31,500	Ensuring Stewardship: Rice County Community Environmental Partnership Program	The purpose of this project is to increase awareness of environmental stewardship practices by providing up to five subgrants to local partners to engage the public, provide education on Best Management Practices, and create practices, including rain gardens, vegetative buffers, and wetland restorations.

Table B-6: Conservation Drainage Grants

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Multi-County	North Fork Crow River Watershed District	$65,810	$65,810	North Fork Crow River Watershed District Alternative Drainage Practices	The purpose of this project is to implementing 100 Alternative Inlets and 2 saturated buffers in efforts to reduce the nutrients, sediment and volume of water being transported by field tile.
Faribault	Faribault Soil and Water Conservation District	$188,500	$188,500	Drainage Management Planning for Faribault County's Future	The purpose of this project is to develop comprehensive Multipurpose Drainage Management Plans that protect landowner drainage needs, while focusing on applicable best management practices that will reduce on-field and in-channel peak flow and erosion.
Rock	Rock County SWCD	$63,775	$63,775	Rock River Conservation Drainage Water Management Demonstration Sites	The purpose of this project is to install, demonstrate and expand water drainage conservation within the Rock River Watershed. Up to four sites will be chosen based upon local selection criteria, installed and demonstrated to the public in 2013 and 2014.
Multi-County	Buffalo-Red River Watershed District	$333,590	$333,590	Clay County Ditches 9, 32, and 33 Water Quality Improvement	The purpose of this project is to retrofit Clay County Ditches 9, 32, and 33 just south of Moorhead, MN. The project involves the installation of an estimated 87 side inlet sediment controls and 35 acres of bufferstrips.

County	Applicant	Amount Requested	Amount Recommended	Title	Project Abstract
Martin	Martin County Drainage Authority	$62,100	$62,100	Martin County Conservation Drainage Methods Public Watershed Improvements Analysis	The purpose of this project is o examine four potential public drainage projects within the County and analyze the cost/benefit of using conservation practices within these public drainageshed areas.
Stearns	Sauk River Watershed District	$270,500	$228,587	Upland Drainage Conservation and Ravine Stabilization Project	The purpose of this project is to target three identified drainage systems contributing to one tributary outfall to Long Lake. Alternative intake structures to manage for nutrients and mitigative measures will be implemented to retain water on the upland properties. Intakes and outfalls will be enhanced with iron filtration to target reduction in soluble phosphorus.

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Hennepin	City of Plymouth	The 400 Project	Yes	Yes	Medicine Lake TMDL	1,287	310	24				
2013	Hennepin	City of Chanhassen	Ravine #2 Stabilization Project	Yes	Yes	Bluff Creek Turbidity TMDL		18			89		
2013	Dakota	City of Apple Valley	Phosphorus Reduction Enhancements to Public Water 19022500	Yes	Yes	Long Lake TMDL	385	61					
2013	Renville	Renville County	Hawk Creek Watershed Runoff and Sedimentation Reduction Project	Yes	Yes	Minnesota River Turbidity TMDL (in progress)		1,910			1,630		
2013	Multi-County	Redwood-Cottonwood Rivers Control Area (RCRCA)	Redwood-Cottonwood River Watersheds JPB Sediment and Nutrient Reduction Project	Yes	Yes	Lower Minnesota River Dissolved Oxygen TMDL		6834			5942		

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Multi-County	Pomme de Terre River Association	Pomme de Terre River Watershed 2013 BMP Implementation Initiative	Yes	Yes	Turbidity TMDL Assessment for the Pomme de Terre River		10,091		6,602 - 22,190	9,891		
2013	Multi-County	The Greater Blue Earth River Basin Alliance	Targeting and Addressing Ravines in the Greater Blue Earth Basin	Yes	Yes	The Greater Blue Earth Turbidity TMDL		8400			4000		
2013	Stearns	Stearns County Soil and Water Conservation District	Thiel Creek Streambank and Watershed Stabilization for Phosphorus Reduction	Yes	Yes	Clearwater River Watershed District Watershed Protection and Improvement Plan (TMDL Implementation Plan)	Lake Louisa - 62 lb/year Lake Marie 578 lb/year	148			148		
2013	Chisago	Chisago SWCD	Pleasant Hill Park Stormwater Retrofit	Yes	Yes	Lake St. Croix Excessive Nutrient TMDL		20			5		12.5

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Nobles	Nobles SWCD	Nobles County Erosion Control Practices	Yes	Yes	Rock River Turbidity and Fecal Coliform TMDL		356			356		
2013	Nobles	Nobles SWCD	Nobles County Erosion Control Practices	Yes	Yes	Rock River Turbidity and Fecal Coliform TMDL		192			192		
2013	Nobles	Nobles SWCD	Nobles County Erosion Control Practices	Yes	Yes	Rock River Turbidity and Fecal Coliform TMDL		229			200		
2013	Martin	Martin SWCD	New Ways to Think About Streams and Floodplains	Yes	Yes	The Greater Blue Earth Turbidity TMDL		508			483		
2013	Dakota	Dakota County Soil and Water Conservation District	Dakota County Clean Water Retrofit Partnership	Yes	Yes	Project addresses multiple TMDLs within Dakota County		5			1		4
2013	Dakota	Dakota SWCD	Dakota County Clean Water Retrofit Partnership	Yes	Yes	Lower Cannon River Turbidity TMDL	18,615	3		29,565	1		2

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Dakota	Dakota County Soil and Water Conservation District	Dakota County Clean Water Retrofit Partnership	Yes	Yes	Long-Farquar Lake TMDL		7			2		6
2013	Stearns	Sauk River Watershed District	SRWD Municipal Stormwater Management and Retrofit Project	Yes	No	Sauk River Chain of Lake Excessive Nutrient TMDL (in progress)		324			49		
2013	Multi-County	North Fork Crow River Watershed District	NFCRWD Water Retention/Wetland Restoration Projects	Yes	Yes	Rice Lake TMDL		140			12		
2013	Washington	Brown's Creek Watershed District	Brown's Creek Restoration with Countryside Auto Repair and MNDNR Trails	Yes	Yes	Brown's Creek Biotic Impairment TMDL		12		545	2		1
2013	Washington	Brown's Creek Watershed District	Brown's Creek Restoration - Retrofitting Neal Ave Neighborhood	Yes	Yes	Brown's Creek Biotic Impairment TMDL		7		545	1		3

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Stearns	Clearwater River Watershed District	Cedar Lake Watershed Protection and Improvement Project	Yes	Yes	Clearwater River Watershed District Watershed Protection and Improvement Plan (TMDL Implementation Plan)		800					
2013	Traverse	Bois de Sioux Watershed District	Mustinka River TMDL Advanced Turbidity Reduction Project	Yes	Yes	Mustinka River Turbidity TMDL		90		251,000	90		
2013	Hennepin	City of Eden Prairie	Iron-enhanced Filtration Bench - Stormwater Pond 22-13-B	Yes	No		2,780	26					
2013	Carver	City of Chaska	Birdie Lane East Ravine Improvements	Yes	No			98			97		
2013	Polk	West Polk SWCD	Burnham Creek Watershed Restoration Project, Phase I	Yes	No						117		

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Lincoln	Lincoln SWCD	Lake Shaokatan and Yellow Medicine Sub-Watersheds Implementation Project	Yes	No			475			360		
2013	Becker	Becker Soil & Water Conservation District	Buffalo-Red River Watershed Shallow Lakes Restoration Project	Yes	No			850			740		
2013	Morrison	Morrison Soil and Water Conservation District	Fletcher Creek and Mississippi River Shoreline Restoration and Runoff Abatement.	Yes	No			38			45		
2013	Crow Wing	Crow Wing Soil and Water Conservation District	Stormwater Retrofit as an Asset: Brainerd Community Mississippi Revitalization	Yes	No			19			32		71
2013	Scott	Scott SWCD	Native Grasses and Filter Strips for Runoff and Pollution Reduction	Yes	No			626			664		23.3

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Clearwater	Clearwater SWCD	Protecting the Clearwater River Watershed through Buffers and Other BMPs	Yes	No			97			36		
2013	Clearwater	Clearwater SWCD	Protecting the Clearwater River Watershed through Buffers and Other BMPs	Yes	No			153			100		
2013	Nobles	Nobles SWCD	Nobles County Erosion Control Practices	Yes	No			360			360		
2013	Nobles	Nobles SWCD	Nobles County Erosion Control Practices	Yes	No			1110			1110		
2013	Wright	Wright Soil and Water Conservation District	Crow River Gully Stabilization to Reduce Turbidity	Yes	No			260			226		
2013	Red Lake	Red Lake County SWCD	Stormwater Runoff Improvement Project along the Clearwater River	Yes	No						40		

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Dakota	Dakota County Soil and Water Conservation District	Dakota County Clean Water Retrofit Partnership	Yes	No			5			1		4
2013	Ramsey	Ramsey Conservation District	Lambert Creek Stream Bank and Buffer Restoration Project	Yes	No			6			7		
2013	Stearns	Sauk River Watershed District	SRWD Municipal Stormwater Management and Retrofit Project	Yes	No			44			5		
2013	Stearns	Sauk River Watershed District	SRWD Municipal Stormwater Management and Retrofit Project	Yes	No			68			10		
2013	Multi-County	North Fork Crow River Watershed District	NFCRWD Water Retention/Wetland Restoration Projects	Yes	No			95			80		

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Multi-County	Two Rivers Watershed District	Lake Bronson Watershed Runoff Reduction Project - Phase III	Yes	No			12848					
2013	Washington	South Washington Watershed District	SWWD Water Re-Use and Lake Restoration	Yes	No			56					67
2013	Washington	Valley Branch Watershed District	Valley Creek Infiltration and Ravine Stabilization Projects	Yes	No	Lake St. Croix Excessive Nutrient TMDL	2636	31					36
2013	Hennepin	Minnehaha Creek Watershed District	Implementing Community Stormwater Management Projects using Master Water Stewards	Yes	No	Minnehaha Creek Biota TMDL (in progress)							
2013	Becker	Cormorant Lakes Watershed District	Cormorant Lakes Prioritized Erosion and Sediment Reduction Project	Yes	No			200			175		

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Multi-County	Buffalo-Red River Watershed District	Upper South Branch BMP Strategic Implementation Plan - Part 2	Yes	No	Red River Turbidity TMDL (in progress)		12638			12637		
2013	Scott	Scott Watershed Management Organization	Cleary Lake Regional Park Water Quality Retrofits	Yes	No			13					
2013	Washington	Middle St. Croix WMO	Quixote Avenue Retrofit Project - Lakeland, MN	Yes	No	Lake St. Croix Excessive Nutrient TMDL		9			2		1
2013	Scott	Scott Watershed Management Organization	Blakeley Trail Ravines Stabilization, Scott County	Yes	No						38		
2013	Ramsey	City of Roseville	Evergreen Park Drainage and Water Quality Improvements	Yes				24			4		5
2013	Nicollet	Nicollet SWCD	Seven Mile Creek Watershed Riparian Enhancements for Water Quality	Yes							64		

Appendix C: Estimated Intermediate Outcomes

Year	County	Awarded Organization	Project Title	Impaired Water	Completed TMDL	Name of TMDL Study	TMDL Phosphorus Reduction Needed (lb/yr)*includes internal loading	Estimated Phosphorus Reductions (lb/yr)	TMDL Phosphorus Reduction (%)	TMDL Sediment Reduction Needed (T/yr)	Estimated Sediment Reductions (T/yr)	TMDL Sediment Reduction (%)	Keeping Water on the Land (acre-ft)
2013	Sherburne	Sherburne Soil and Water Conservation District	St. Cloud Stormwater Treatment Project	Yes				8			1		75

Appendix D: Comparison of Estimated Number of Non-compliant SSTS by County to Projects Funded

Jurisdiction	Total # SSTS	Calculated # of Failing	Calculated # of ITPH	CWF SSTS Projects in FY 2010-12	CWF SSTS Projects in FY 2013
Aitkin County	14,103	1,551	141		
Anoka County	200	20	-		
Becker County	-	-	-		
Beltrami County	8,076	-	-	1	
Benton County	5,214	1,564	261		
Big Stone County	1,661	399	133	7	
Blue Earth County	6,014	2,045	1,022		
Brown County	2,302	645	645		
Carlton County	7,400	1,480	444		
Carver County	4,297	1,117	602		
Cass County	21,543	4,309	431	3	
Chippewa County	2,227	156	1,136	1	
Chisago County	7,450	1,863	-	17	6
Clay County	2,904	581	290		
Clearwater County	3,350	1,843	168		
Cook County	4,351	1,305	218	15	
Cottonwood County	1,632	196	783		
Crow Wing County	17,708	1,919	159	3	
Dakota County	1,045	79	21		
Dodge County	2,841	-	-	16	
Douglas County	5,060	708	51		
Faribault County	2,112	21	891		
Fillmore County	3,788	189	114		
Freeborn County	3,981	1,592	836	10	
Goodhue County	5,210	1,824	1,303		
Grant County	1,055	200	106		
Hennepin County	-	-	-		
Houston County	55	15	11		
Hubbard County	17,570	4,423	354		
Isanti County	8,803	1,232	88		
Itasca County	15,558	4,201	467		
Jackson County	3,277	1,966	-	6	
Kanabec County	6,535	1,307	-		
Kandiyohi County	6,846	2,396	342		
Kittson County	980	245	-		
Koochiching County	1,951	1,346	195		
Lac qui Parle County	1,792	627	-		28
Lake County	5,248	577	420	6	

Appendix D: Comparison of Estimated Number of Non-compliant SSTS by County to Projects Funded

Jurisdiction	Total # SSTS	Calculated # of Failing	Calculated # of ITPH	CWF SSTS Projects in FY 2010-12	CWF SSTS Projects in FY 2013
Lake of the Woods	2,650	265	27	15	4
Le Sueur County	7,122	1,424	1,424		
Lincoln County	1,788	903	376	6	
Lyon County	2,300	759	115		
Mahnomen County	-	-	-		
Marshall County	2,800	1,120	280		
Martin County	2,400	408	408	17	
McLeod County	4,108	1,643	1,027	39	5
Meeker County	5,550	1,554	1,055	31	
Mille Lacs County	5,619	1,405	562	35	14
Morrison County	9,658	2,415	483		
Mower County	3,631	2,179	363		
Murray County	1,115	100	479	9	
Nicollet County	2,656	452	797		
Nobles County	2,182	873	436		
Norman County	1,161	116	58		
Olmsted County	4,140	869	207		
Otter Tail County	23,050	5,763	1,153		
Pennington County	1,200	180	24	4	2
Pine County	4,897	1,959	1,224		
Pipestone County	1,371	137	823	29	
Polk County	6,000	900	120		
Pope County	6,012	1,503	-		4
Ramsey County	1,798	-	-		
Red Lake County	833	8	8		
Redwood County	2,550	1,020	510		
Renville County	2,486	497	945		
Rice County	7,153	1,288	1,574	10	
Rock County	1,305	548	261	19	
Roseau County	3,925	-	-		
Scott County	9,143	1,737	91	3	
Sherburne County	13,559	1,627	136		
Sibley County	2,606	365	886		
St. Louis	32,086	11,872	963	7	10
Stearns County	16,436	2,794	329	76	14
Steele County	3,028	908	606		
Stevens County	1,182	24	355		
Swift County	3,969	1,985	1,072		

Appendix D: Comparison of Estimated Number of Non-compliant SSTS by County to Projects Funded

Jurisdiction	Total # SSTS	Calculated # of Failing	Calculated # of ITPH	CWF SSTS Projects in FY 2010-12	CWF SSTS Projects in FY 2013
Todd County	8,278	2,070	828		10
Traverse County	846	152	42		
Wabasha County	3,966	873	476		
Wadena County	3,648	1,058	511		
Waseca County	2,328	466	372		
Washington County	14,691	441	441		25
Watonwan County	1,292	323	388		
Wilkin County	1,060	594	32		
Winona County	4,735	1,515	568		13
Wright County	15,101	4,530	302		
Yellow Medicine	1,737	434	434		
TOTALS	**465,290**	**107,995**	**35,197**	**385**	**135**

Appendix E: Comparison of Estimated 2011 Non-compliant Feedlots to Projects Funded

County	All Feedlots Required to be Registered by County	Estimated Non-Compliant Feedlots under 300AU**	# of CWF Feedlot Projects in FY 2010-2012	# of CWF Feedlot Projects in FY 2013
Aitkin	Data not available*	Data not available*	1	
Anoka	Data not available*	Data not available*	2	
Benton	Data not available*	Data not available*	3	3
Big Stone	64	13		
Blue Earth	292	52		
Brown	371	77	2	
Carver	265	66		
Chisago	Data not available*	Data not available*	1	
Clay	114	26		
Cottonwood	274	54		
Dakota	203	40		
Dodge	257	54	8	1
Douglas	410	106	2	
Faribault	409	85		
Fillmore	862	203	12	1
Freeborn	331	73		
Goodhue	679	166	3	
Houston	446	112	2	
Jackson	328	60		
Kanabec	Data not available*			1
Kandiyohi	415	94		
Lac Qui Parle	170	38		
Lake of the Woods	29	8		

Appendix E: Comparison of Estimated 2011 Non-compliant Feedlots to Projects Funded

County	All Feedlots Required to be Registered by County	Estimated Non-Compliant Feedlots under 300AU**	# of CWF Feedlot Projects in FY 2010-2012	# of CWF Feedlot Projects in FY 2013
Le Sueur	190	36		
Lincoln	416	103		
Lyon	278	18	1	
Marshall	67	16		
Martin	376	48		
McLeod	354	89		
Meeker	296	72		
Morrison	566	130	5	1
Mower	354	70	1	1
Murray	449	85		
Nicollet	307	66		
Nobles	403	71	1	2
Norman	43	11		
Olmsted	Data not available*	Data not available*	4	
Pennington	53	12		
Pipestone	492	106	1	
Polk	81	18		
Pope	329	79	1	
Red Lake	43	9		
Renville	281	60	3	1
Rice	338	77		
Rock	472	92		1
Scott	168	42		
Sibley	327	77		

Appendix E: Comparison of Estimated 2011 Non-compliant Feedlots to Projects Funded

County	All Feedlots Required to be Registered by County	Estimated Non-Compliant Feedlots under 300AU**	# of CWF Feedlot Projects in FY 2010-2012	# of CWF Feedlot Projects in FY 2013
Stearns	1,502	364	8	1
Steele	271	58		
Stevens	135	22		
Swift	138	28		
Todd	723	183	3	3
Traverse	40	8		
Wabasha	507	129	2	2
Wadena	129	31		
Waseca	212	43	1	
Washington	Data not available*	Data not available*	2	
Watonwan	163	29		
Winona	589	143	29	
Wright	292	72	4	
Yellow Medicine	288	63		
Grand Totals:			**102**	**18**

* Counties that do not participate in the MPCA delegated County feedlot program

** Data based on 2011 registration data from MPCA database. Assumes 27% of feedlots under 300 AUs non-compliant