Annual Report on Clean Water Fund Appropriations

Minnesota Board of Water and Soil Resources

Annual Report to the Legislature

March 1, 2010

Legislative Charge:

Minnesota Session Laws 2009 Chapter 172 Article 2, Section 6, which reads:

> The board shall submit a report on the expenditure and use of money appropriated under this section to the chairs of the House of Representatives and senate committees with jurisdiction over environment and natural resources and environment and natural resources finance by March 1 of each year. The report must provide detail on: the expenditure of funds, including maps; the effectiveness of the expenditures in protecting, enhancing, and restoring water quality in lakes, rivers, and streams and protecting groundwater from degradation; and the effectiveness of the expenditures in keeping water on the land.

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BWSR is reducing printing and mailing costs by using the Internet to distribute reports and information to wider audiences.

Minnesota Board of Water and Soil Resources

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This report is available at **www.bwsr.state.mn.us/cleanwaterfund** and available in alternative formats upon request.

Contents

Introduction

The Minnesota Board of Water and Soil Resources (BWSR) is the state's soil and water conservation agency. BWSR administers programs in partnership with local organizations and private landowners that prevent sediment and nutrients from entering our lakes, rivers, and streams; enhance fish and wildlife habitat; and protect groundwater and wetlands.

This report outlines the comprehensive strategy used to implement the Fiscal Year (FY) 2010 appropriation to BWSR from the Clean Water Fund -- one of four funds established through the Clean Water, Land and Legacy constitutional amendment approved by voters in 2008. The amendment increases the sales tax by 3/8 of 1 percent and dedicates the revenue to preserving and protecting fish and wildlife habitat, clean water, parks and trails, and arts and cultural heritage.

The Clean Water Fund comprises 33 percent of the tax dollars collected from this amendment. Other funds through this amendment are the Outdoor Heritage Fund (33 percent), Parks and Trails Fund (14.25 percent), and Arts and Cultural Heritage Fund (19.75 percent).

Clean Water Fund Appropriation Summary

During the 2009 Legislative Session, $18,705,000 from the Clean Water Fund in Fiscal Year 2010 was appropriated to BWSR to implement nonpoint source pollution reduction programs. Table 1 summarizes the programs and funding allocated under the appropriation.

Reporting requirements and accountability

BWSR distributed approximately $12 million 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 Minnesota Session Laws 2009 Chapter 172 Article 5, Section 7, Subdivision 4. Expenditures; Accountability and Minnesota Session Laws 2009 Chapter 172 Article 5, Section 7, Subdivision 5. Data Availability.

BWSR has also allocated $3.25 million for conservation easement projects to establish buffer strips adjacent to public waters, and is in the process of allocating $1 million for conservation easements in wellhead protection areas. BWSR partners with Soil and Water Conservation Districts (SWCDs) to implement conservation easement programs.

Projects paid for through the Clean Water Fund grants are scheduled to be completed during calendar years 2010-2011. Conservation easement projects may take up to three years to be completed.

BWSR will oversee $900,000 in direct appropriations to the Anoka Conservation District and to Hennepin County.

Because the specific outcomes will not be reported until project implementation, this report will focus on the process for awarding grants and criteria that applicants were required to submit.

Table 1. Summary of FY 2010 Clean Water Fund Appropriation to BWSR

Program	Allocation	Description
Riparian buffer conservation easements	$3.25M	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 and no more than 100 feet.
Wellhead protection conservation easements	$1.0M	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.
Runoff Reduction*	$2.8M	Grants to Watershed Districts (WDs) and Water management Organizations (WMOs) for: 1) structural or vegetative practices that reduce storm water runoff from developed or disturbed lands or 2) to leverage federal funds for restoration, protection or enhancement of water quality in surface waters and to protect groundwater.
Clean Water Assistance*	$3.0M	Grants to WDs, WMOs, Counties and Soil and Water Conservation Districts (SWCDs) to keep water on the land and to protect, enhance, and restore water quality in lakes, rivers and streams and to protect groundwater and drinking water.
Shoreland Improvement*	$1.5M	Grants to be used to implement streambank, stream channel and shoreline protection and restoration grants for water quality.
Feedlot Water Quality Improvement Grants*	$2.0M	For feedlots under 300 animal units on riparian land, to include water quality assessment to determine the effectiveness in protecting, enhancing and restoring water quality in lakes, rivers and streams and in protecting groundwater from degradation.
Technical Assistance and Engineering	$1.25M	Targeted nonpoint restoration technical assistance and engineering that will be used to provide non-federal match for federal funds.
Subsurface Sewage Treatment System (SSTS) Program Enhancement*	$1.6M	Grants to counties to implement SSTS programs including inventories, enforcement, development of databases, and systems to insure SSTS maintenance and of reporting program results to BWSR and MPCA and base grants.
Imminent health threat systems*	$0.8M	Grants to address imminent health threat and failing SSTS.
Conservation drainage*	$0.33M	Technical assistance and grants to establish conservation drainage program in consultation with the Drainage Work Group. Program consists of projects to retrofit existing drainage systems with water quality practices, evaluate outcomes, and provide outreach. ($200,000 is available for grants.)
Anoka Conservation District	$0.4M	For 7-county metropolitan landscape restoration program for water quality and improvement projects.
Hennepin County	$0.5M	Grant for riparian restoration and stream bank stabilization in the 10 primary stream systems in Hennepin County. County will work with WDs and WMOs to identify and prioritize projects. To the extent possible, county shall employ youth through Minnesota Conservation Corp** and Tree Trust. Must be matched by non-state sources, including in-kind contributions.
Oversight, support, accountability reporting	$0.275M	To provide state oversight of local government units that have received Clean Water Fund grants so that they comply with accountability reporting, and to prepare an annual report detailing recipients and projects funded, anticipated water quality benefits, and other outcomes.

* *Competitive grant process*

***MCC (now formally known as the Conservation Corp of Iowa and Minnesota)*

Clean Water Fund Conservation Easement Programs

The board adopted policy on Oct. 28, 2009 to establish payment rates and eligibility criteria for both easement programs that received Clean Water Fund appropriations, found in Minnesota Laws 2009, Chapter 172, Article 2. BWSR staff provided guidance to Soil and Water Conservation District (SWCD) staff statewide, and the SWCDs promoted the programs to landowners in their area.

Riparian Buffer Easement Program

BWSR received $3.25 million to acquire permanent Reinvest In Minnesota (RIM) Reserve conservation easements on riparian lands adjacent to public waters, except wetlands. Up to 5 percent could be used to administer the program. Lands that were targeted were new or existing USDA Conservation Reserve Program (CRP) contracts with cropping history. Participating landowners receive a payment to retire land in agricultural production, and to establish permanent buffers of native vegetation that must be at least 50 feet where possible and no more than 100 feet. A continuous statewide signup began Dec. 1, 2009. All funds available for Fiscal Year 2010 were allocated by Feb. 1, 2010.

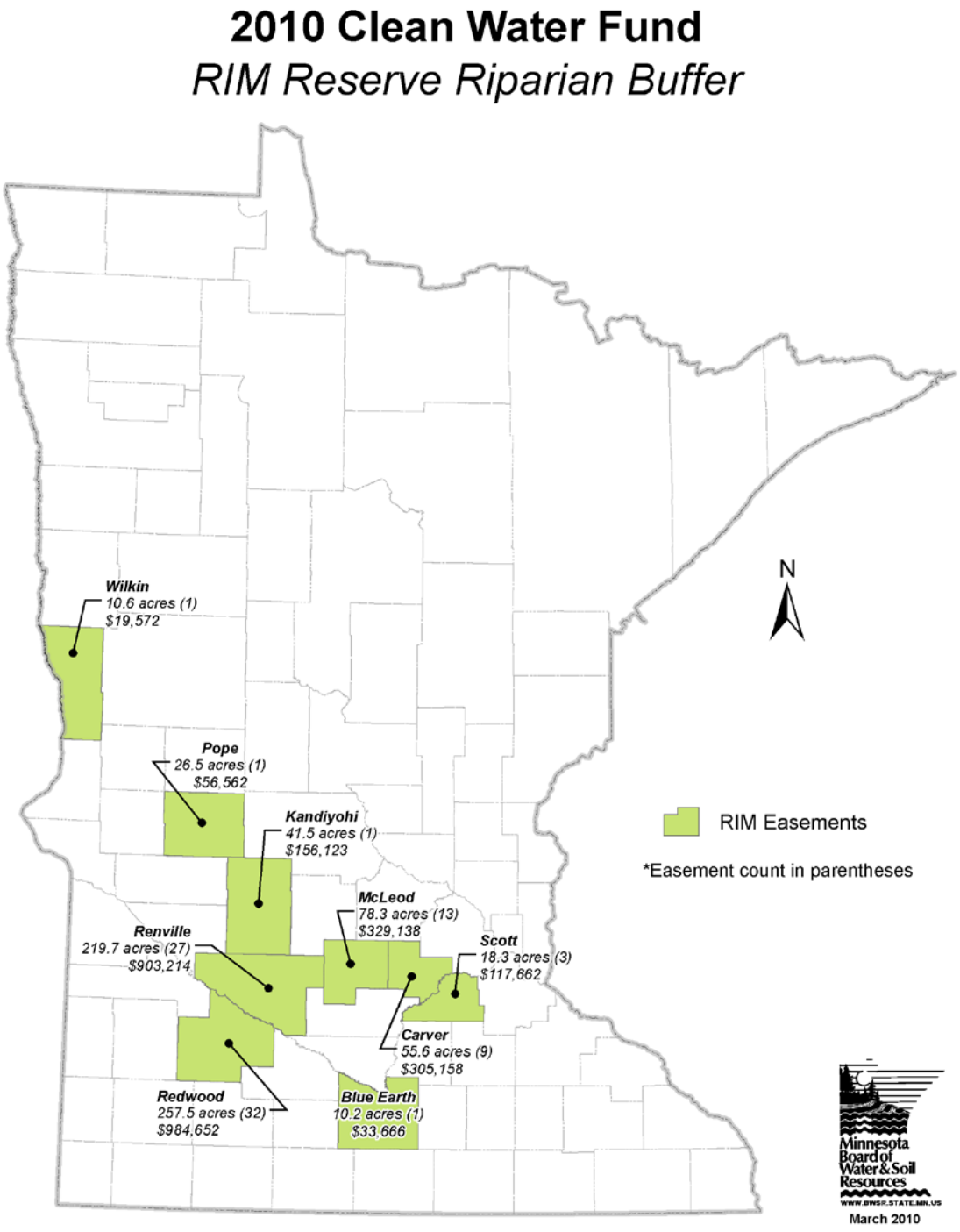
The following table shows the easements enrolled though the Clean Water Fund Riparian Buffer Conservation Easement Program.

Clean Water Fund Riparian Buffer Easements Enrolled

SWCD	Easement Count	Easement Acres	Donated Acres	Easement Payments	Practice Payments	Total Payments
Blue Earth	1	10.2	0.1	33,665.60	0	33,665.60
Kandiyohi	1	41.5	0	156,123.00	0	156,123.00
Pope	1	26.5	0	56,561.90	0	56,561.90
Wilkin	1	10.6	0	19,571.84	0	19,571.84
Scott	3	18.3	0	113,671.60	3,990	117,661.60
Carver	9	55.6	0	305,158.10	0	305,158.10
McLeod	13	78.3	0	329,137.50	0	329,137.50
Renville	27	219.7	0	903,123.00	90	903,213.60
Redwood	32	257.5	0	980,421.70	4,230	984,651.70
Subtotals	88	718.2	0.1	$2,897,434	$8,310	$2,905,745
RIM Services	$2,000/easement					$176,000
TOTAL						**$3,081,745**

Outcomes and effectiveness

Buffer strips of native vegetation will be established on the above easement acres, all of which are adjacent to public waters. The program was targeted to critical CRP acres, so that these areas would be permanently protected instead of enrolled in short-term easements. BWSR and SWCDs worked with private landowners to enroll 86 easements that will permanently protect more than 700 acres in nine counties.



Wellhead Protection Conservation Easement Program

BWSR received $1 million for FY 2010 for this program, which is focused on converting agricultural land to grasslands and wetlands in 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.

Lands that were targeted were new or existing USDA Conservation Reserve Program (CRP) contracts with cropping history. The easements funded under this section are permanent, whereas CRP easements are for 12-15 years. Participating landowners receive a payment to permanently retire land in agricultural production, and to establish buffers of native vegetation.

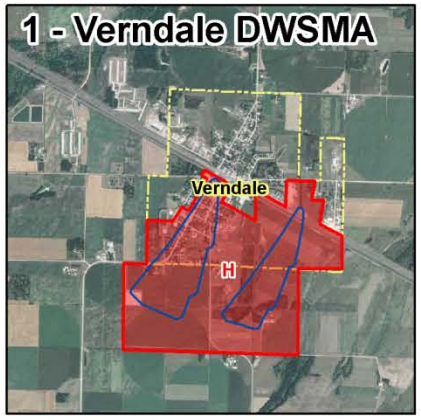
MDH, in consultation with the Minnesota Department of Agriculture, provided BWSR with a list of the most vulnerable wellhead protection areas. SWCDs in those areas are promoting this easement option directly to eligible landowners. As of February 1, 2010, one easement was in the process of being acquired under this program.

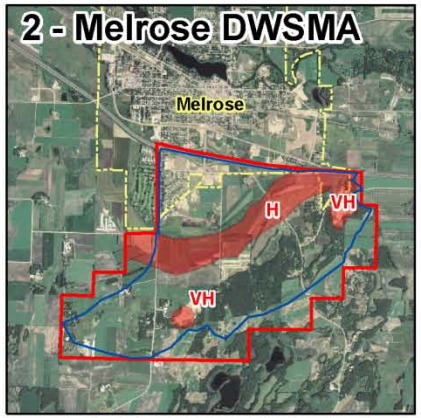
Anticipated benefits of wellhead protection conservation easements

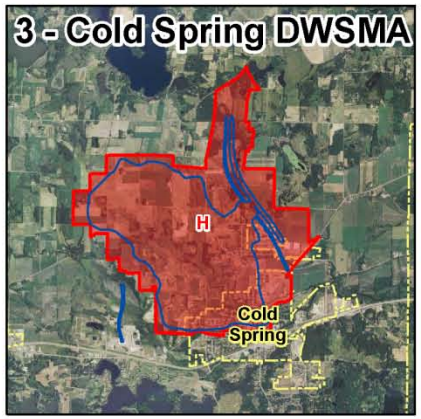
Restoring wetlands and grasslands within wellhead protection areas improves water quality by providing a greater distance between drinking water sources and agricultural chemical use. Changing land use from agricultural production to restored grasslands and wetlands has produced dramatic, measurable 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).

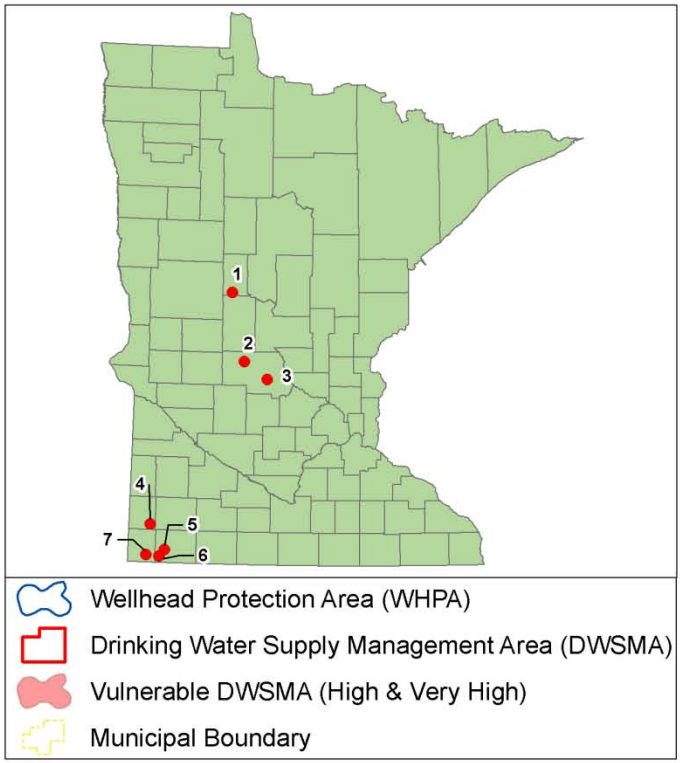
Because these easements are permanent as opposed to the short-term CRP easements, the protection of these environmentally sensitive lands will stay secure.

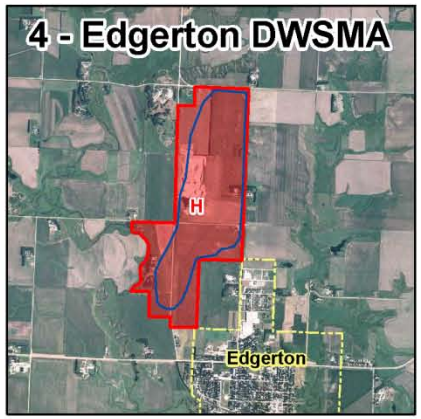
2010 Clean Water Fund
Target Wellhead Protection Areas

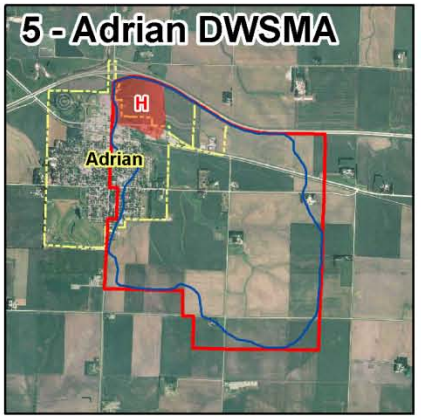


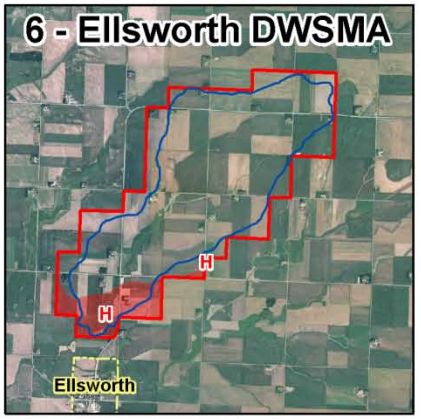


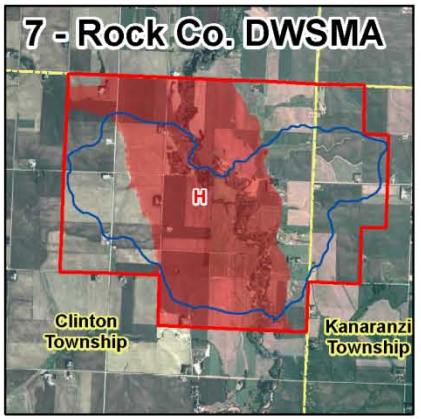












Clean Water Fund Competitive Grant Program

BWSR administered a Competitive Grant Program to distribute available funds for all programs indicated in Table 1. Other competitive grants that are administered by BWSR and are funded through the state's General Fund were also distributed through this same process (Feedlot Water Quality Management, Cooperative Weed Management and Native Buffer Cost Share). The combined granting strategy resulted in a more efficient application process for BWSR and grant applicants. The board approved this strategy on September 23, 2009.

BWSR's funding authority for water management is derived from M.S. 103B.3363. Local government units (LGU) with approved and adopted comprehensive local water management plans are eligible for financial assistance. The 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 board (see Appendix A). Funding decisions were based on the best available scientific information, and the grants were directed to areas where clean water protection and restoration work is most needed and most effective.

The FY 2010 Competitive Grant application was open from October 15 through December 1. BWSR staff notified all eligible local government units of the application via email on October 1, 2009 and October 14, 2009. BWSR staff conducted nine information sessions across the state to review the grant programs. These were held on October 5, 6, 7, 13, 14, 15, 22, and November 2 and 3, 2009. In addition, a question and answer blog was created, and a Frequently Asked Question document was created and posted on the BWSR website to provide updated information to all applicants.

Local government units throughout the state submitted 210 applications for these competitive grants, and the total amount requested was more than $44 million. The proposals were evaluated by an interagency team consisting of staff from the Minnesota Department of Agriculture (MDA), the Department of Natural Resources (DNR), the Pollution Control Agency (MPCA), the Department of Health (MDH), and BWSR based on the following criteria (Table 2):

Table 2.

Ranking Criteria	Maximum Points Possible
A narrative description of the anticipated water quality benefits, overall goals of the project, project organization and management, budget and work activities.	10
The anticipated outcomes resulting from completion of the project initiatives on the water resource identified or the pollutant load reduction required in the Total Maximum Daily Load.	25
The project initiatives anticipate beginning implementation soon after a grant award and have a relatively detailed inventory of implementation locations or activities.	10
The level of funding documented from other sources to augment CW Funding for water quality projects or activities above the required minimum local match requirements.	10
Priorities are derived from TMDL Implementation Plans or Comprehensive Local Water Management Plans.	30
Maintaining long-term public benefits from the proposed implementation activities.	10
Proposed activities are consistent with existing Groundwater Plans, Wellhead Protection Plans or Surface Water Intake Plans with respect to prioritization, location or focus.	5
Total	100

Agency scores were combined and normalized to produce a ranked order of projects. Projects were funded 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 received a maximum of 50 percent of requested funding to begin implementation and development of more specific project lists for future applications. Table 3 shows the breakdown of applications and funds awarded per grant program.

Table 3.

Grant Program	Applications Funded	Total Funds Awarded
Runoff Reduction	12	$2,459,675
Clean Water Assistance	22	$2,650,000
Shoreland Improvement	8	$1,399,582
Imminent Health Threat Abatement	10	$775,777
SSTS Program Enhancement	14	$860,000
Conservation Drainage	5	$200,000
Feedlot Water Quality Improvement	53	$1,143,624
Technical assistance and engineering	9	$921,814

The BWSR Senior Management Team reviewed the recommendation provided by the interagency and BWSR staff teams on January 12, 2010. The BWSR Grants Program and Policy Committee reviewed the funding recommendation on January 13, 2010.

Outcomes and effectiveness

The board approved the final funding recommendations for the FY2010 Clean Water Fund Competitive Grants at the January 28 meeting. Of the 210 applications received, 86 were recommended for funding. All applicants have been notified and grant agreements are being developed and finalized. Applicants will be working with BWSR staff to develop detailed work plans that become a component of the grant agreement. Once work plans are approved and the grant agreements executed, projects will begin implementation in the spring of 2010.

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

In addition to providing immediate pollution reduction outcomes, the competitive grants awarded through this process build for future successful pollution reduction efforts. Outcomes of this funding include:

- 53 feedlots near impaired waters will become compliant and/or have upgraded facilities
- 30-plus lakes and three river stretches will have septic system inventories that are essential for targeting future grant funds
- $921,814 in Technical Assistance Grants will provide matching funds to leverage more than $2.5 million in federal funds

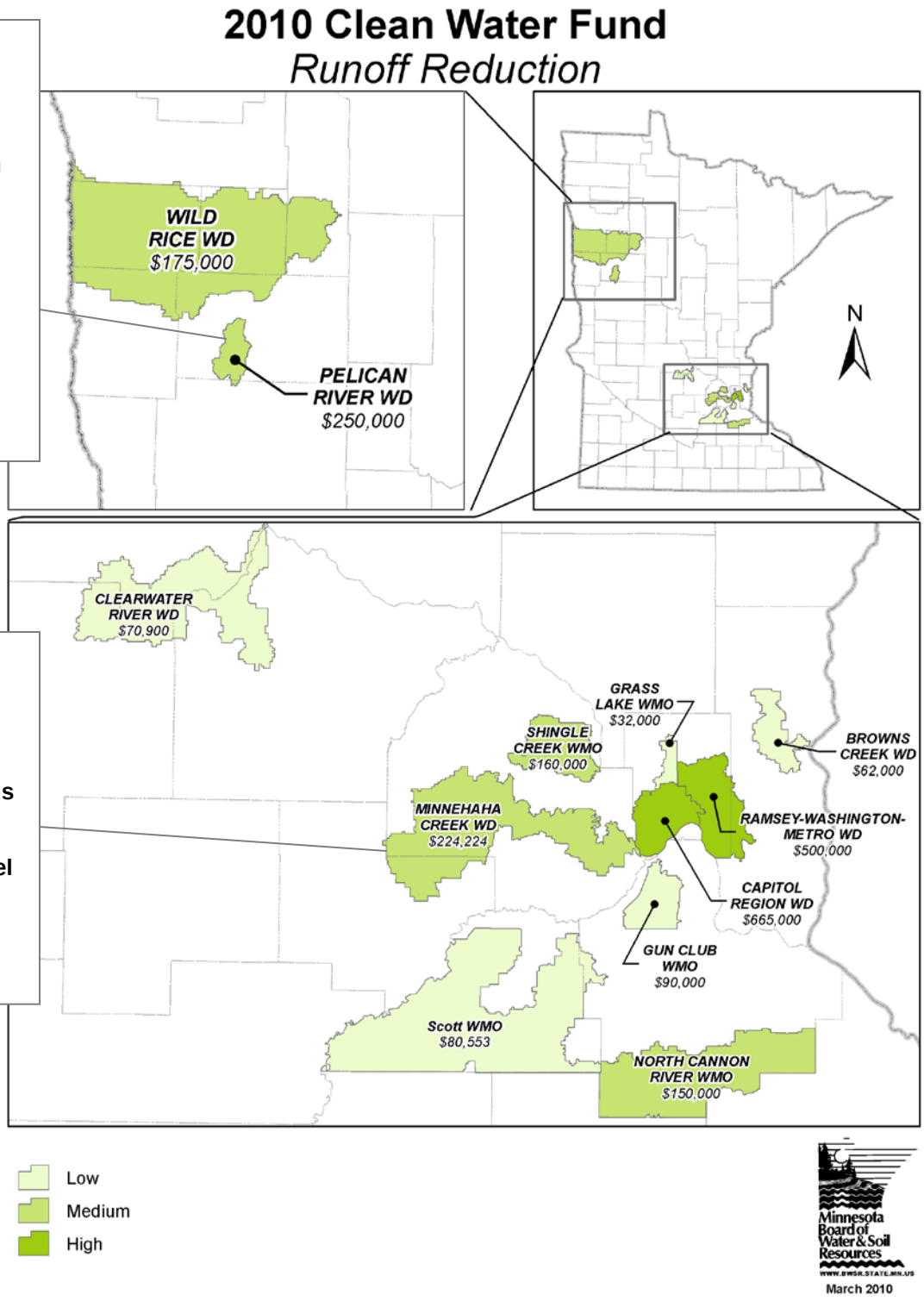
Maps detailing project locations and some project examples are shown below. For more detail on all projects awarded Clean Water Funds, see Appendix B.

Pelican River WD:
$250,000

- **Restore approximately 450 acres of wetland on Rice Lake in effort to protect Detroit Lake**
- **Reduce phosphorus by ~ 5,000 pounds**
- **Improve aquatic habitat of Rice Lake**
- **Leverage $1.5 M**

Minnehaha Creek WD:
$224,000

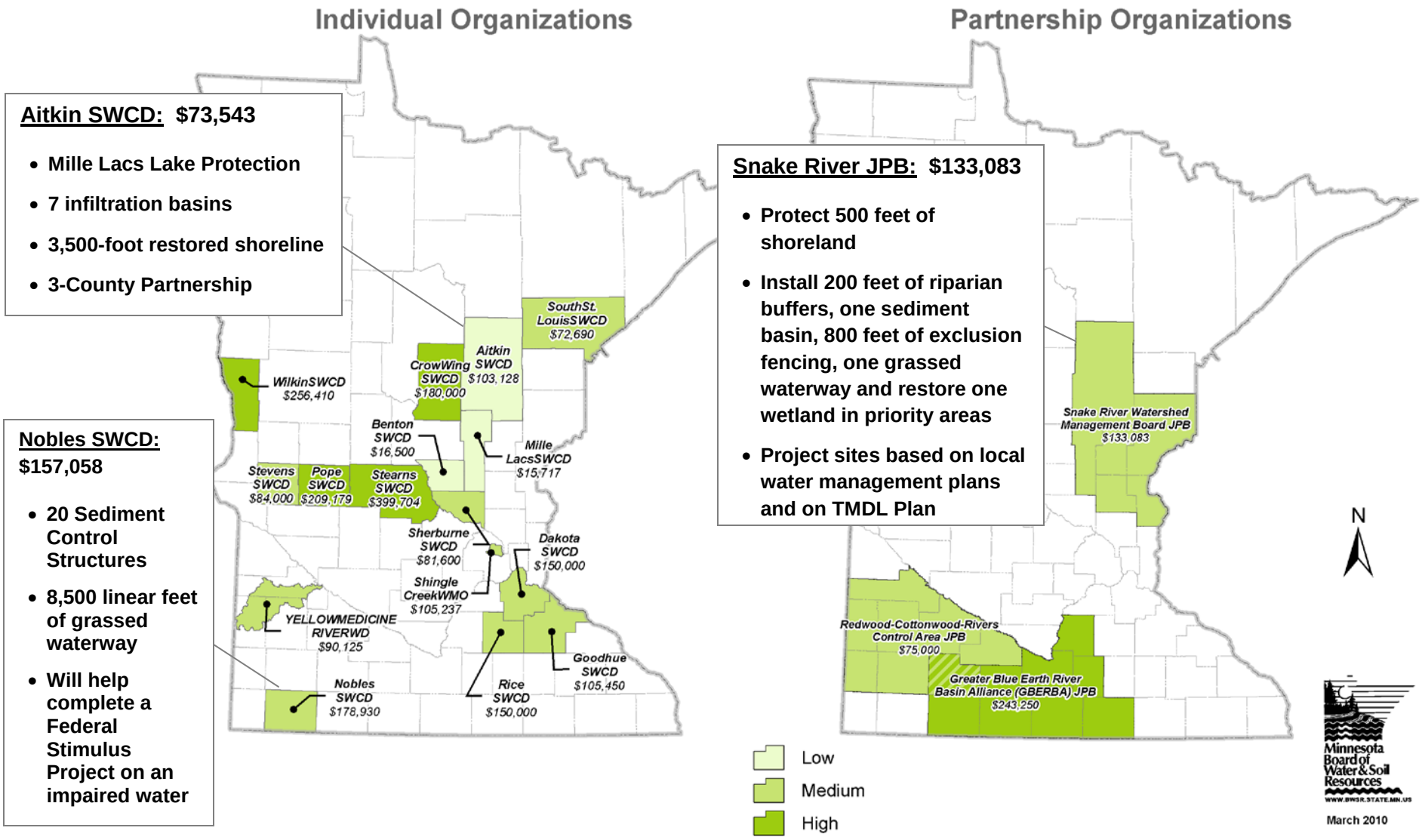
- **Citizen Led**
- **50 raingardens, pervious pavement**
- **Runoff reduction, shovel ready**
- **Urban location**



Runoff Reduction Grants:

Only Watershed Districts and Water Management Organization were eligible to apply for these funds. Funds are to be used for structural and vegetative practices to reduce stormwater runoff and to retain water on the land to reduce the movement of sediment, nutrients and pollutants.

2010 Clean Water Fund
Clean Water Assistance

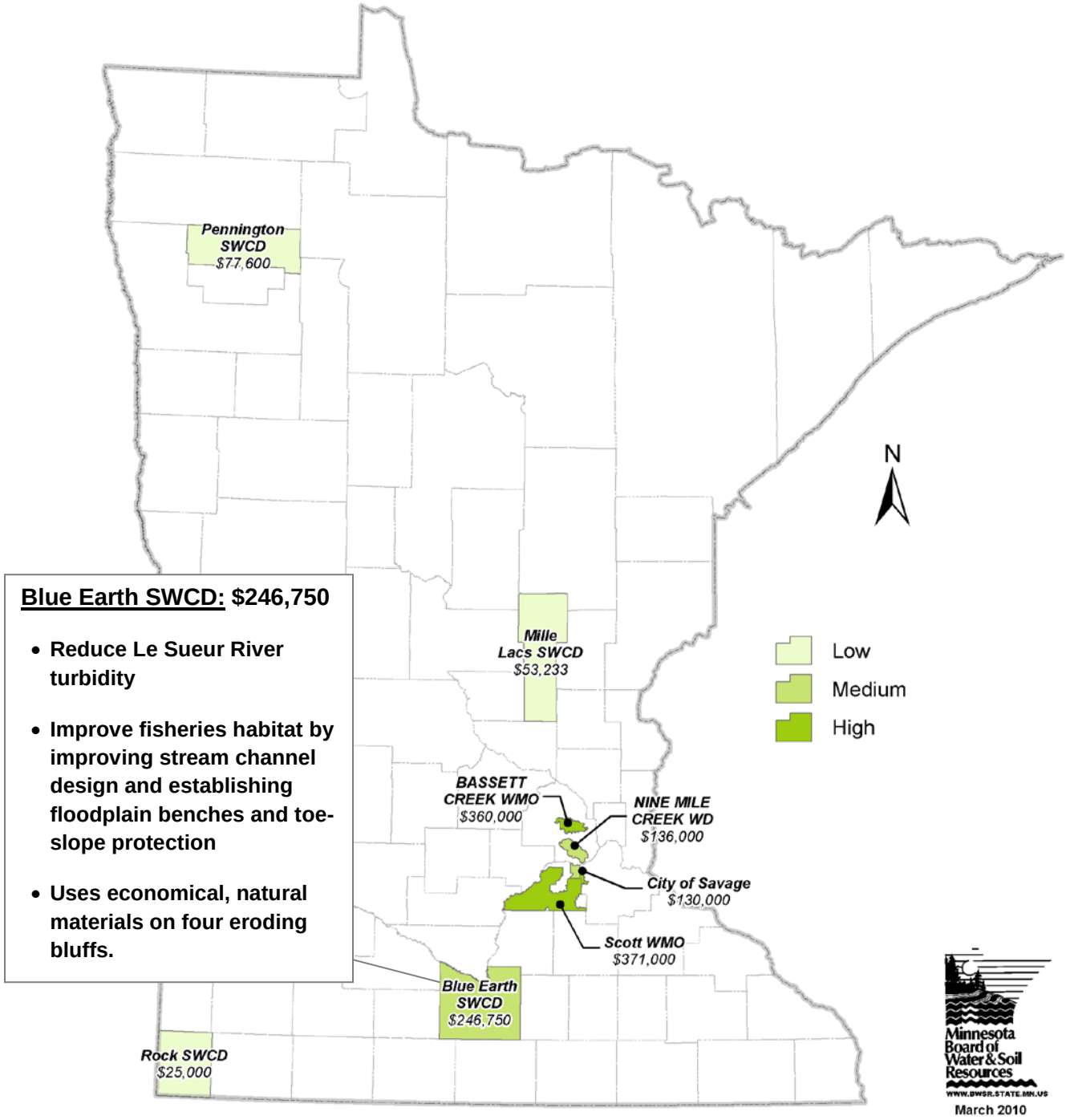


Clean Water Assistance Grants:

WDs, WMOs, Soil and Water Conservation Districts and Counties were eligible to apply for these funds. Funds are to be used to keep water on the land, and to protect, enhance and restore water quality in lakes, rivers and streams and to protect groundwater and drinking

2010 Clean Water Fund

Shoreland Improvement



Blue Earth SWCD: $246,750

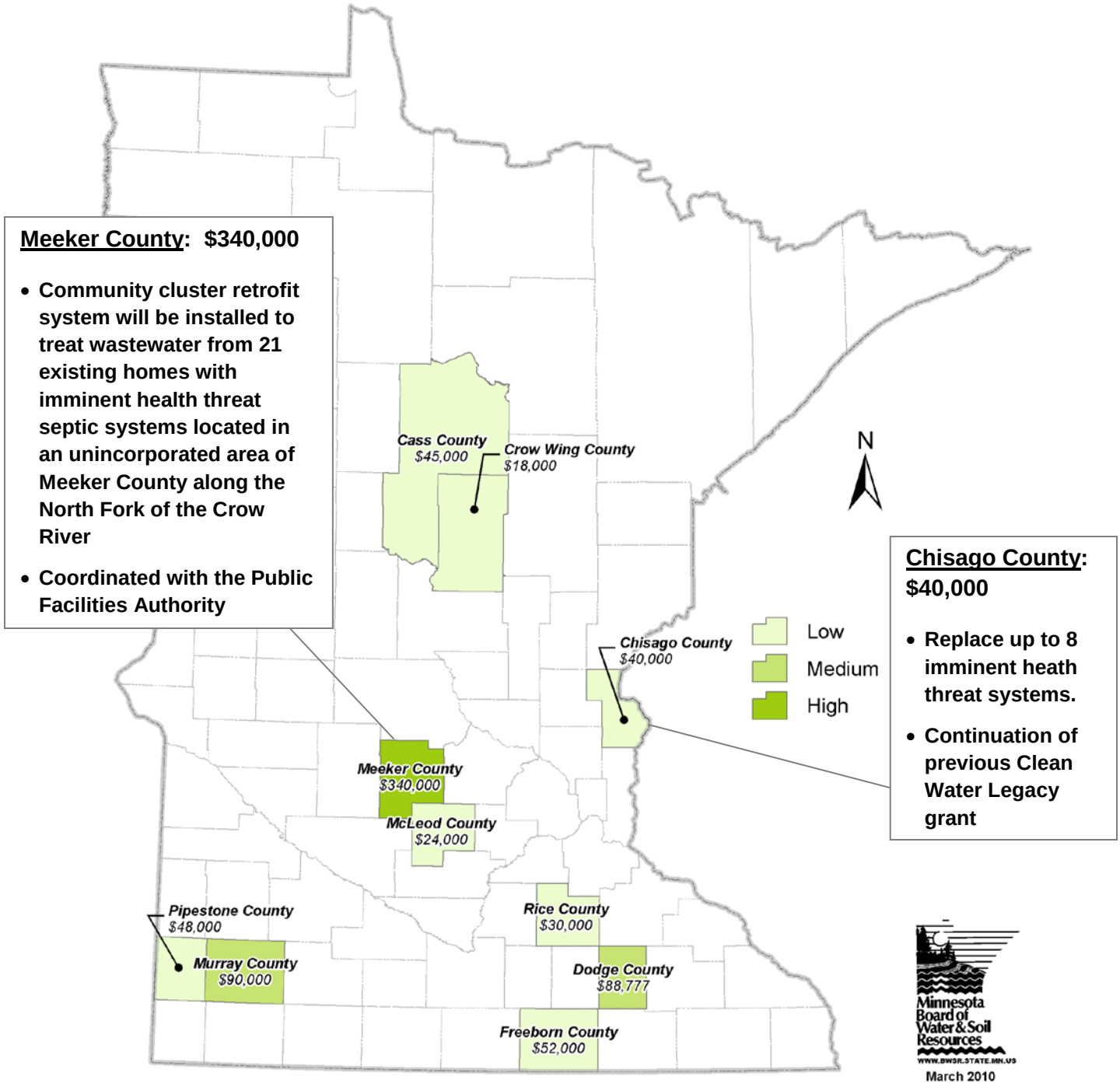
- **Reduce Le Sueur River turbidity**
- **Improve fisheries habitat by improving stream channel design and establishing floodplain benches and toe-slope protection**
- **Uses economical, natural materials on four eroding bluffs.**

Shoreland Improvement Grants:

Shoreland Improvement Grants are to be used to implement streambank, stream channel and shoreline protection and restoration grants for water quality.

2010 Clean Water Fund

SSTS Imminent Health Threat



<u>Meeker County</u>: $340,000

- **Community cluster retrofit system will be installed to treat wastewater from 21 existing homes with imminent health threat septic systems located in an unincorporated area of Meeker County along the North Fork of the Crow River**
- **Coordinated with the Public Facilities Authority**

<u>Chisago County</u>: $40,000

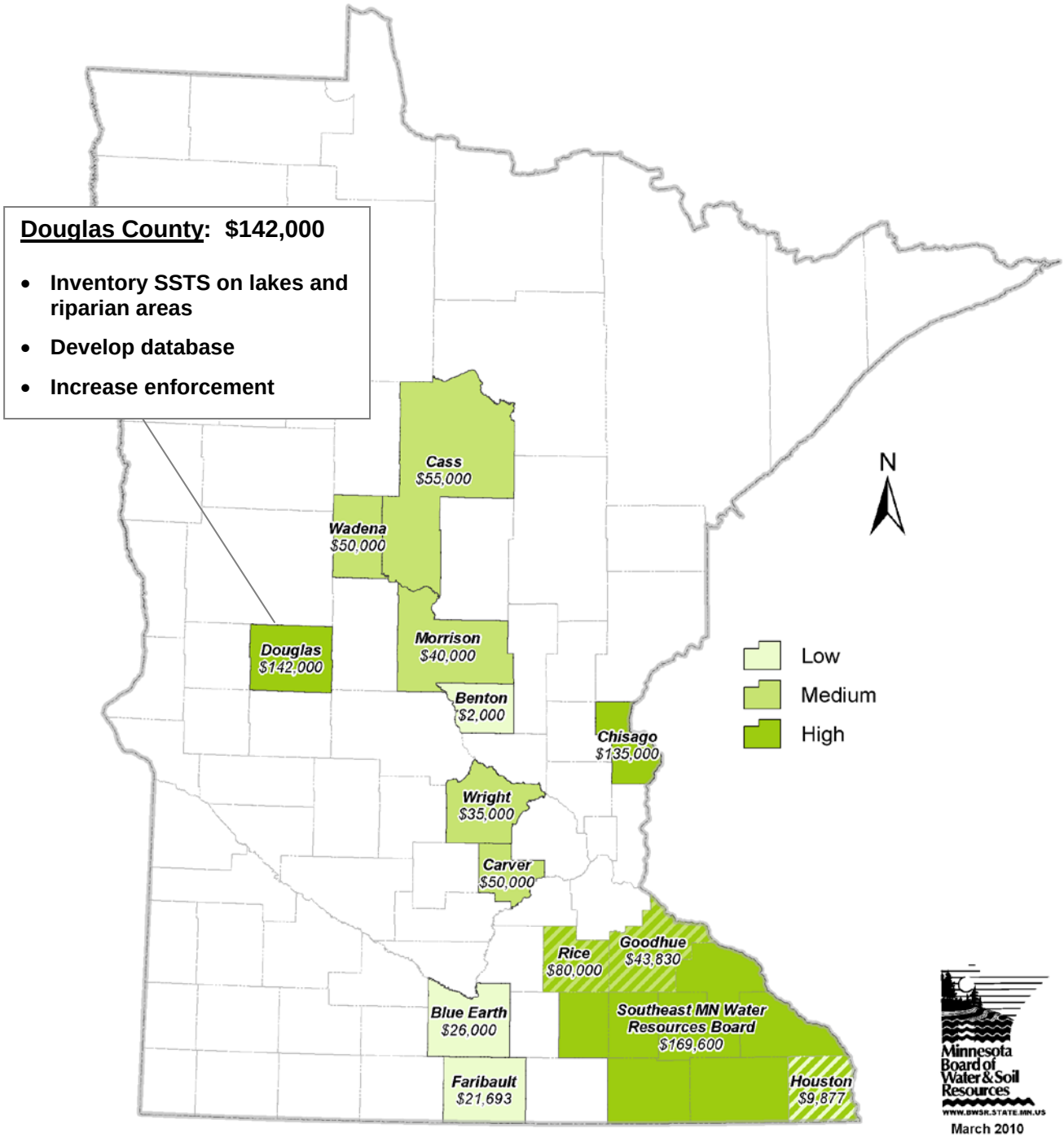
- **Replace up to 8 imminent heath threat systems.**
- **Continuation of previous Clean Water Legacy grant**

SSTS Imminent Health Threat Grants:

Subsurface Sewage Treatment System (SSTS) Imminent Health Threat grants address failing septic systems that have direct impacts to critical water resources of concern. Applications that were funded indentify landowners with problem septic systems and provide financial assistance to low-income homeowners to upgrade their systems.

2010 Clean Water Fund

SSTS Program Enhancement

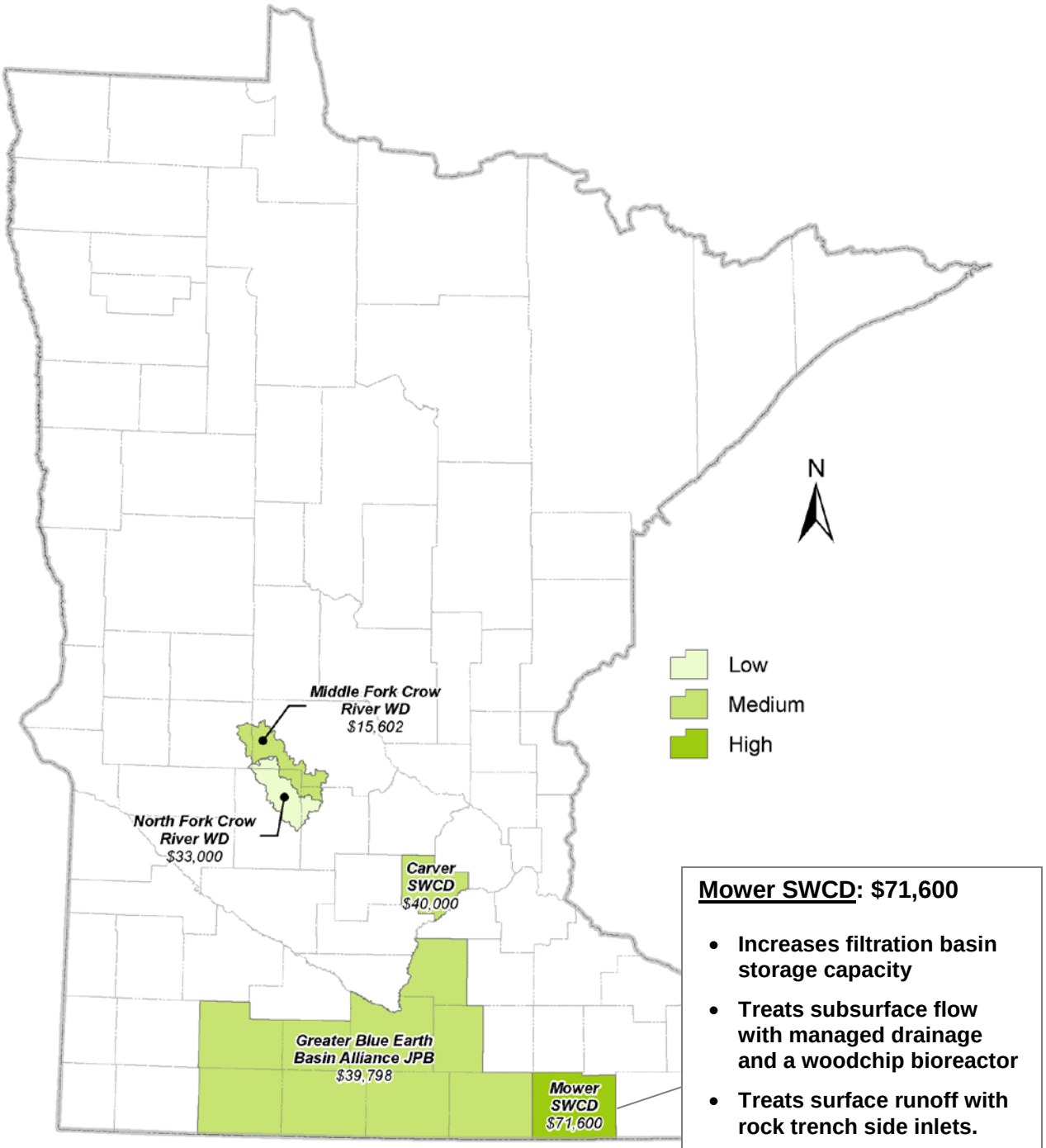


SSTS Program Enhancement Grants:

Counties are eligible for these grants, abiding by MS 115.55 Sec. 2, to implement SSTS programs including inventories, enforcement, databases and systems to insure SSTS maintenance reporting programs. Counties must abide by Minnesota Rules 7080 and their locally adopted SSTS ordinance when implementing grants from this appropriation. Fourteen applications totaling $860,000 were recommended for funding. Additionally, $870,000 in grants were awarded to counties through MPCA for SSTS programs. These grants are part of the BWSR Natural Resources Block Grant program.

2010 Clean Water Fund

Conservation Drainage



Mower SWCD: $71,600

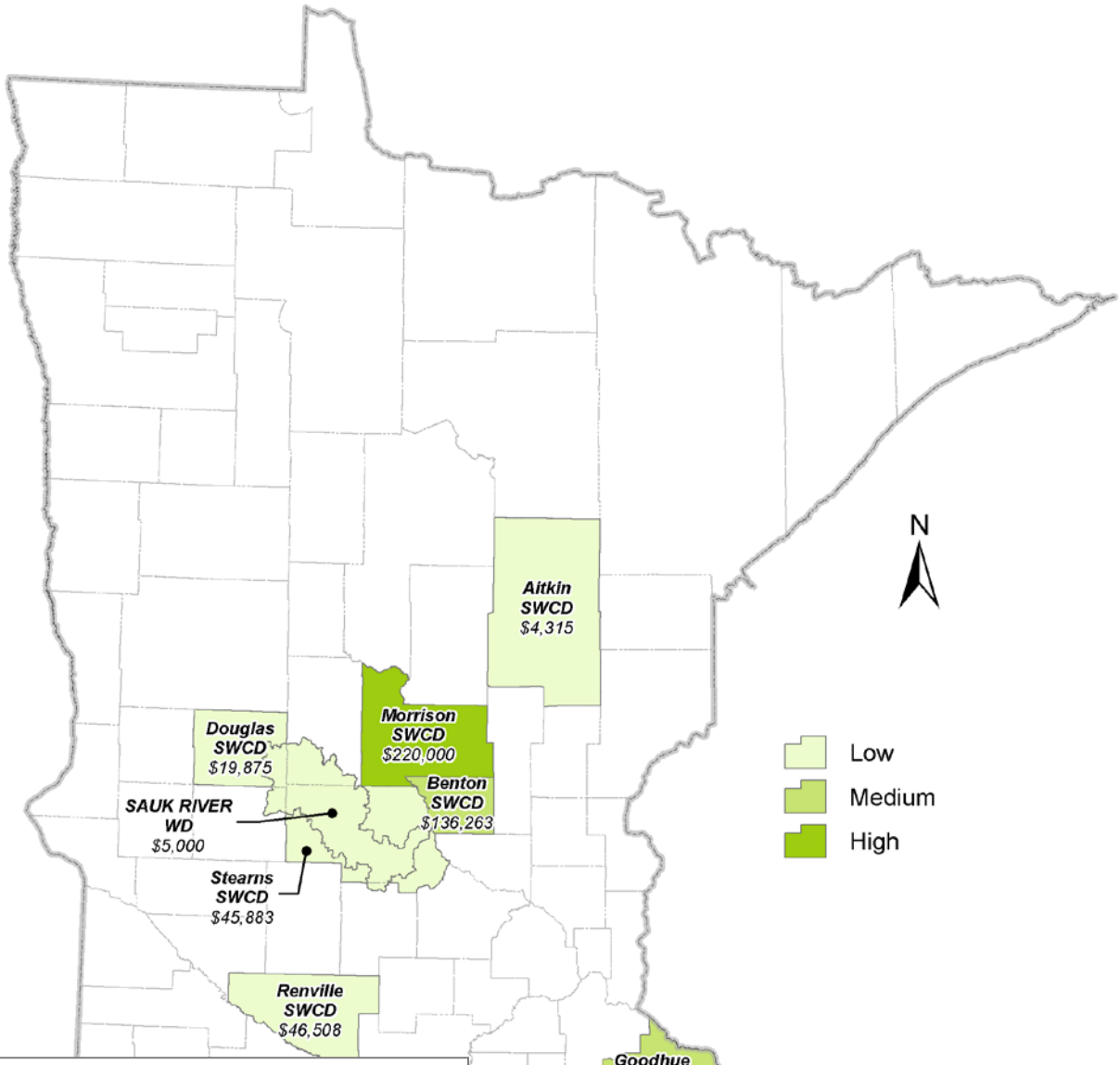
- **Increases filtration basin storage capacity**
- **Treats subsurface flow with managed drainage and a woodchip bioreactor**
- **Treats surface runoff with rock trench side inlets.**

Conservation Drainage:

Pilot projects to retrofit existing drainage systems with water quality improvement practices will receive $200,000 in Conservation Drainage Grants. The balance of the allocation, $130,000, will be used as match for an EPA 319 grant to BWSR to research side inlet controls at different scales and to install side inlet control pilot projects to better understand outcomes related to their implementation.

2010 Clean Water Fund

Feedlot Water Quality



<u>Winona SWCD</u>: $267,390

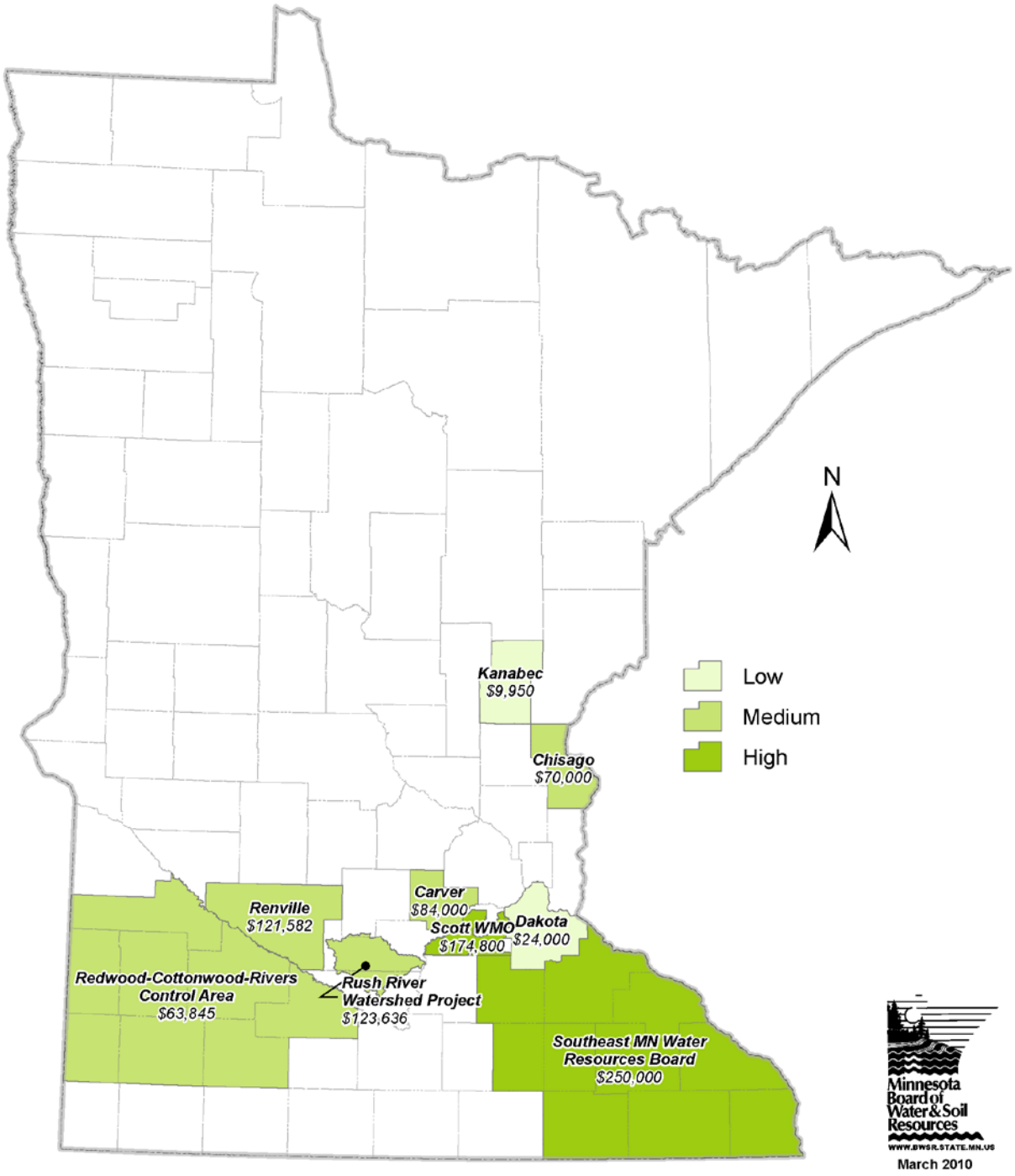
- **Fix nine feedlots with pollution concerns**
- **Builds upon a Clean Water Legacy grant**
- **Meets goals of the Winona County local water plan and the Southeast Minnesota Regional Fecal Coliform TMDL plan**

Feedlot Water Quality Management Grants:

Feedlot Water Quality Management Grants provide financial assistance to fix existing feedlot pollution problems from feedlot operations less than 300 animal units in size and located in a riparian area or impaired waterway.

2010 Clean Water Fund

Technical Assistance and Engineering Grants (319 Match)



Technical Assistance and Engineering Grants (319 Match):

Targeted Nonpoint Restoration Technical Assistance and Engineering will enable local government units to leverage available federal funds for water quality projects. In 2009, the EPA

provided approximately $6.7 million to the MPCA through the Federal Clean Water Act Section 319 Nonpoint Source Grant Program (Section 319). These federal dollars are to be used for nonpoint pollution abatement and water resource restoration, and they require 45 percent non-federal matching funds. Budgetary constraints could limit the ability of local governments to provide the necessary 45 percent non-federal match, therefore, the Board authorized up to $1.25 million from the Clean Water Fund to provide some of the non-federal match. BWSR coordinated with MPCA and communicated to local government project sponsors that these grants were available to be used for up to 20 percent of the total project costs for the approved grant applications. BWSR staff also participated in the Federal Section 319 project evaluation, selection and validation process.

The $921,814 awarded to local governments from the Clean Water Fund will be used to implement more than $2.5 million in federal funds.

Directed BWSR Clean Water Fund Expenditures

BWSR received direct appropriations for the Anoka Conservation District and for Hennepin County in FY 2010. Currently, BWSR is in the process of entering into grant agreements for both entities as provided by these appropriations under Minnesota Laws 2009, Chapter 172, Section 6.

Anoka Conservation District

A direct appropriation of $400,000 in FY 2010 for the Anoka Conservation District (ACD) is for the metropolitan landscape restoration program for water quality and improvement projects in the seven-county metro area (the law also provides $600,000 for this purpose in FY2011).

The goal of the program is to improve water quality in locally identified high-priority water resources. ACD will work with other metro-area local government units to fully utilize program cost-share funds and to leverage local funds to install the most cost-effective practices available to treat stormwater runoff. Assessments developed as part of this program will include identifying site-specific best management practices for pollutant and stormwater volume load reduction estimates, installation cost estimates, and long-term operation and maintenance cost estimates.

Hennepin County

The law also included a direct appropriation of $500,000 in FY2010 to Hennepin County for riparian restoration and stream bank stabilization in the county's 10 primary stream systems. The money will pay for projects to protect, enhance and help restore the water quality of these streams and downstream receiving waters.

Conservation Corps of Iowa and Minnesota

BWSR is required to contract with the Conservation Corps of Iowa and Minnesota (formerly Minnesota Conservation Corps) for installation of conservation practices benefitting water quality for at least $500,000 in each year of the 2010-11 biennium. The Board approved reserving the following funds from Table 1 to comply with this appropriation:

- $200,000 from the Runoff Reduction Grants
- $200,000 from the Clean Water Assistance Grants
- $100,000 from the Shoreland Improvement Grants

As part of the process, BWSR staff will work with the conservation corps to ensure the following procedures are followed:

1. Eligible local governments will have an initial 30-day application period.
2. MCC has 30 days to review proposals and make a list of projects, consistent with the Clean Water Fund appropriation (Laws of Minnesota, Chapter 172, Section 6).
3. MCC will send 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 MCC review period.
4. After initial allocations, any remaining funds are available on a first-come, first-served basis by any eligible local government.
5. MCC 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 Board will be using existing authorities, polices, and staff, along with the processes outlined previously, to implement Clean Water Fund programmatic activities. The Board will be utilizing the eLINK4WEB reporting program to track all Clean Water Fund grant-related projects.

The goal of the Clean Water Funding 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 that will result in improved and protected surface and ground water. Clean Water Funding appropriated to BWSR also will provide oversight of the local government units that receive these dollars to insure accountability and transparency for the public by reporting the outcomes of these dollars. BWSR received a total of $816,000 ($250,000 in Clean Water Program Oversight and $541,000 in Clean Water Program Administration) to provide oversight and administration of Clean Water Fund dollars. BWSR has funded three full-time positions charged with getting protection and TMDL-derived restoration strategies adopted into local water plans, directing $30 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 insure that local implementation produces real-world outcomes.

Appendix

List of FY 2010 Clean Water Fund Grant Recipients

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Becker	Pelican River Watershed District	Tera Guetter (218) 846-0436	$ 250,000	Rice Lake Wetland Nutrient Reductions	The project will provide nutrient reductions to downstream recreational water bodies by restoring the Rice Lake Wetland from its current area of 434 acres to pre-ditched water levels of approximately 896 acres.
Hennepin	Shingle Creek Watershed Management Organization	Ed Matthiesen (763) 553-1144	$ 160,000	New Hope 45th Avenue Pond Improvements Project	This project will consist of retrofitting a dry storm water basin, constructing a new pre-treatment cell, creating new wetland, and reconfiguring the existing inlets and the outlet for better water quality treatment. This project is specifically identified in the Twin-Ryan Lakes TMDL .
Crow Wing	Crow Wing SWCD	Melissa Barrick (218) 828-6197	$ 180,000	Recharge! Restoring Natural Hydrology to Crow Wing County Urban Communities	Crow Wing SWCD will assist lake associations and lakeside communities including Cross Lake, Crosby and Breezy Point along with the Thirty Lakes Watershed District to install up to 10 raingardens and other stormwater infiltration practices. Lake associations and other landowners will convert up to 20 riparian lots from turf lawns to natural vegetation. Water quality trend information identified in the comprehensive local water management plan was used to target lakes where water quality trends were a concern.
Scott	Scott Watershed Management Organization	Paul Nelson (952) 496-8475	$ 80,553	Native Grass Cost Share and Incentives For Runoff Reduction	This project will reduce runoff by establishing at least 75 acres of native grass on private lands in priority subwatersheds of the Sand Creek Watershed by offering incentives and establishment of cost assistance to landowners to convert row crops to native vegetation above resources available from existing programs used to establish vegetation.
Scott	Scott Watershed Management Organization	Paul Nelson (952) 496-8475	$ 371,000	Upper Porter and Picha Creek Restorations, Scott County	This project will implement specific projects that address strategies identified in the comprehensive local water management plan and will consist of stabilizing over 3,000 feet of eroding stream channel, eliminating a fish migration barrier, and improving aquatic and riparian habitat by increasing sinuosity, rebuilding the incised channel, and recreating the floodplain in Porter and Picha Creeks. Landowner discussions, alternative selection and design alternatives have been accomplished or are in process.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Rock	Rock SWCD	Douglas Bos (507) 283-8862	$ 25,000	Rock River Stream Bank Stabilization and Turbidity Reduction	One of the objectives listed in the Rock River TMDL Implementation Plan is streambank stabilization. This project will address the turbidity impairment at three high-erosion sites along the Rock River by stabilizing stream banks using rock j-hooks, erosion control fabric, willow bundles and back-sloping the eroded stream banks.
Ramsey	Ramsey Washington Metro Watershed District	Clifton Aichinger (651) 792-7957	$ 500,000	Maplewood Mall Stormwater Infiltration Retrofit Project	Kohlman Lake is impaired and located in a fully, developed watershed with a high degree of commercial land use. This project will construct infiltration best management practices (porous pavement, tree boxes, cisterns and rainwater gardens/bioretention areas) throughout 7.9 acres of the Maplewood Mall parking lot to intercept up to the first 2 inches of stormwater runoff.
Nobles	Nobles SWCD	Ed Lenz (507) 376-9150	$ 157,058	Kanaranzi –Little Rock Watershed District Stimulus Project Completion	This project will complete a series of sediment control best management practices that were identified and initiated with federal funds. Projects include installing 18 water and sediment control structures, one 1,750-foot grassed waterway, two water and sediment control structures, one 4,350-foot grassed waterway, and one 2,450-foot grassed waterway.
Wright	Clearwater River Watershed District	Dennis Loewen (320) 274-3935	$ 70,900	Reducing Phosphorus Loads to Lake Betsy by Protecting Willow Creek	Stormwater runoff from the city of Kimball drains untreated into Willow Creek, a trout stream and tributary to Lake Betsy, which is impaired by excess nutrients. This project targets phosphorus removal for Lake Betsy as identified in the Upper Watershed TMDL Studies for the Clearwater River Watershed and protection to trout habitat by infiltrating the 1.5-inch storm event off 428 acres in and around the city of Kimball.
Aitkin	Aitkin SWCD	Janet Smude (218) 927-6565	$ 33,900	Water Quality Improvement Projects for the Big Sandy Lake Watershed	This project will assist shoreland owners in implementing conservation practices identified in the Big Sandy Lake TMDL as well as the county comprehensive water management plan. This project will install 1,585 square feet of buffer strip, two rain gardens, upgrade a feedlot, and stabilize an eroding access to the lake. An eroding drainage channel to Lake Minnewawa and an eroding lakeshore will be stabilized.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Dakota	Gun Club Watershed Management Organization	Eric Macbeth (651) 675-5300	$ 90,000	Schwanz Lake Direct-Drainage Targeted Neighborhood Runoff-Reduction Project	This project is a targeted and measured stormwater runoff-reduction project that will add an additional 20 street-side bioretention practices in a 28-acre residential neighborhood that directly discharges untreated stormwater runoff into Schwanz Lake, an impaired water body.
Dakota	North Cannon River Watershed Management Organization	Laura Jester (651) 480-7777	$ 150,000	North Cannon River Watershed Runoff Reduction Project	This project will reduce runoff and decrease movement of sediment, nutrients, and bacteria by prioritizing and installing numerous targeted structural practices in the Trout Brook subwatershed of the Canon River specified in TMDL implementation plans for turbidity and bacteria impairments on the Cannon River. This project will also provide 10-year extensions to 67 acres of expiring CRP contracts with over 50% Highly Erodible Land soils that are not eligible for CRP re-enrollment. CRP easements in critical areas that have already established stands of native vegetation will be extended rather than expire and be removed.
Wilkin	Wilkin SWCD	Don Bajumpaa (218) 643-2933	$ 256,410	Whiskey Creek Water Quality Improvement/Sediment Reduction Project	This project will install 112 side inlets, 28 miles of sediment control structures, and 35 acres of buffers strips. In addition, 250 acres of no-tillage, 700 acres of minimum tillage, 1,000 acres of cover crops, 5 miles of windbreaks, and 200 acres of vegetative buffer strips will be established. These erosion control and sediment reduction activities will reduce sediment loading to Whiskey Creek, a turbidity-impaired tributary to the Red River of the North.
Yellow Medicine, Lincoln, and Lyon	Yellow Medicine River SWCD	Pauline VanOverbeke (507) 694-1630	$ 90,125	SWCDs CWF 2010 Project for the Yellow Medicine Major Watershed	This project will address water quality impairments in the Yellow Medicine Watershed by offering signing incentives to enroll 20 acres of filter strips/buffers within 1,000 feet of a water course and/or in priority areas into a 15-year CRP Contract and to enroll 20 acres into the CRP Farmable Wetland Program. In addition, 100 open intakes will be replaced with alternative intakes and one to three rain gardens will be installed.
Blue Earth	Blue Earth SWCD	Jerad Bach (507) 345-4744	$ 246,750	Reducing turbidity using natural channel management in the LeSueur River	This project will help to reduce turbidity in the impaired Le Sueur River and improve fisheries habitat by improving stream channel design and establishing floodplain benches and toe-slope protection using economical, natural materials on four eroding bluffs.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Rice, Goodhue, Steele and Waseca	Rice SWCD	Steven Pahs (504)332-5408	$ 150,000	Targeted Buffer Installation in the Cannon River Watershed	This project will provide incentives to install 400 acres of riparian buffers in targeted areas of the Cannon River as part of the Cannon River TMDL.
Benton	Benton SWCD	Gerry Maciej (320) 968-5300	$ 16,500	Benton SWCD Animal Waste Management and Irrigation Water Management	This project will assist landowners to implement practices that protect the water quality of Little Rock Creek, a designated trout stream currently impaired for biota, and several nutrient-impaired lakes in Benton County. Specifically, the project aims to reduce groundwater usage through irrigation management, upgrade feedlot and conduct nutrient management demonstrations to reduce nutrient inputs on cropland. These conservation practices address identified water quality concerns in the county's comprehensive local water management plan and the Little Rock Creek TMDL.
Norman and Mahnomen	Wild Rice Watershed District	Curtis Borchert (218) 584-5169	$ 175,000	Lower Wild Rice River (LWRR) Turbidity Project	The Lower Wild Rice River is a turbidity-impaired tributary to the Red River of the North. This project will be used to assist landowners with implementation of identified conservation practices of buffer strips, sediment control basins and side inlet structures in the priority sub-watersheds of South Branch of the Wild Rice River, Moccasin Creek and Marsh Creek as identified in the Lower Wild Rice River TMDL Implementation Plan and the counties' comprehensive local water management plans .
Hennepin	Minnehaha Creek Watershed District	Julie Westerlund (952) 471-0590	$ 224,224	Go Blue! Diamond Lake Community Makeover 2010	This citizen-initiated project partners public and private organizations to fund a series of integrated neighborhood infiltration activities targeting a priority resource. This project will install 50 raingardens on residential properties, and install pervious pavement systems on 10 patios, 6 driveways, and 15 walkways. A pervious pavement patio, raingarden, and RainXChange system will be installed at the Diamond Lake Lutheran Church and at Pearl Park.
Hennepin	Bassett Creek Watershed Management Organization	Len Kramer (952) 832-2781	$ 360,000	Bassett Creek and Plymouth Creek Stream Stabilization Projects	This project will restore and protect 3/4 mile of Plymouth Creek and 1 mile of Bassett Creek from erosion as identified in the Medicine Lake TMDL.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Washington	Brown's Creek Watershed District	Karen Kill (651) 275-1136	$ 62,000	Stillwater Country Club Water Quality Improvements	This project will improve water quality of two high-priority and impaired waters, Brown's Creek and the St. Croix River, by increasing volume control through the expansion of an existing raingarden and installation of a cistern to reuse stormwater. The project will also result in the installation of a series of raingardens, the stabilization of a small gully and native buffer establishment along wetlands.
Mille Lacs and Benton	Mille Lacs SWCD	Susan Shaw (320) 983-2160	$ 68,950	Randy Miskowic Shoreline Restoration and Accelerated Nutrient and Manure Management Planning	This project will provide financial incentives through cost sharing on an erosion-control project to protect water quality on the Rum River, a valuable water resource and sport fishery. The project also will provide technical assistance to landowners to implement nutrient management conservation practices identified in targeted areas of the Groundhouse River Turbidity and Bacteria TMDL Implementation Plan and the county comprehensive local water management plan.
Kanabec and Mille Lacs	Snake River Watershed Management Board	Teresa Bearce (320) 679-6456	$ 133,083	Snake River Watershed Nutrient and Sediment Reduction Project.	This project will protect 500 linear feet of shoreland and install 200 linear feet of riparian buffers, one sediment basin, 800 linear feet of exclusion fencing, one wetland restoration, and 1 grassed waterway in identified priority management areas within the Snake River Watershed as identified in the counties' comprehensive local water management plans and in the Groundhouse River Turbidity and Bacteria TMDL Implementation Plan.
Dakota	Dakota SWCD	Laura Jester (651) 480-7777	$ 150,000	Stormwater Retrofit Partnership in Dakota County	This project will complete up to five bioretention retrofits and other stormwater best management practices at public facilities to achieve water quality goals identified in TMDLs and local water management plans throughout Dakota County.
Hennepin	City of Savage	Sam Lucido (952) 882-2686	$ 130,000	Utica Ravine Stabilization, Savage Minnesota	The City of Savage, in partnership with the Scott WMO, will stabilize 730 feet of significant erosion at the upstream end of Utica Ravine as identified in the Credit River TMDL Study.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Ramsey	Capitol Region Watershed District	Mark Doneaux (651) 644-8888	$ 665,000	Green Infrastructure for the Central Corridor Light Rail Transit (CCLRT)	The Capitol Region Watershed District, in partnership with Saint Paul, Ramsey County and Met Council, will install an integrated tree-infiltration trench system along both sides of University Avenue within Saint Paul as part of the Central Corridor Light Rail Transit project. 20 additional best management practices (raingardens, stormwater planters, and infiltration trenches) will also be installed on adjacent connecting streets.
Pennington	Pennington SWCD	Bryan Malone (218) 683-7075	$ 77,600	Erickson Group Streambank Stabilization	Over 1/4 mile of eroding streambank immediately upstream on the reservoir on the Thief River will be stabilized using a combination of rock armor and vegetation that will affect the drinking water supply of Thief River Falls. The Thief River is a turbidity-impaired tributary of the Red River of the North and target actions for drinking water protection are identified in the county's comprehensive local water management plan.
Nobles	Nobles SWCD	Ed Lenz (507) 376-9150	$ 21,872	Nobles County Conservation Structural Practices	This project is a priority in the local water management plan and will reduce erosion by installing one grassed waterway near the impaired Lake Okabena and two J-Hook structures in the turbidity impaired Jack Creek.
South St. Louis	South St. Louis SWCD	RC Boheim (218) 723-4867	$ 72,690	Knife River Sediment Reduction BMP Implementation	This project will use tree planting, riparian buffer establishment and stormwater treatment practices to reduce direct sediment discharge and high peak flows that erode banks and contribute to the turbidity impairment of the Knife River an important trout stream tributary to Lake Superior. These conservation practices are identified in the Knife River TMDL Implementation Plan and the South St. Louis County Comprehensive Local Water Management Plan.
Hennepin	Nine Mile Creek Watershed District	Kevin Bigalke (952) 835-2078	$ 136,000	Hopkins Streambank Stabilization and Habitat Restoration Project	This project addresses bank erosion and stream instability through creek channel realignment, restoration and re-vegetation, and storm pond improvements. Improved in-stream habitat will help address the Nine Mile Creek biota impairment.
Ramsey	Grass Lake Watershed Management Organization	Michael Goodnature (651) 266-7274	$ 32,000	Aladdin Street Bio-Infiltration Basin Retrofit Installation	This project address a priority in the local water management plan and will install a bio-infiltration basin to capture stormwater runoff from a 2.3 acre site before it enters a protected wetland.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Blue Earth and 8 neighboring counties	Greater Blue Earth River Basin Alliance (GBERBA)	Kay Clark (507) 831-1153	$ 243,250	Implementing Targeted BMPs in the Greater Blue Earth River Watershed	This project will implement targeted activities associated with the Lower Minnesota River Dissolved Oxygen TMDL. This project will install approximately 15 BMPs to stabilize riparian zones and 10 urban stormwater BMPs.
Goodhue	Goodhue SWCD	Glen Roberson (651) 923-5286	$ 105,450	Minneola Township Water Retention / Watershed Enhancement Project	This project will construct 7 grade stabilization structures. Benefits of the project include: reducing erosion and sedimentation to North Fork of Zumbro River, protection of public roads, water retention, wildlife habitat creation and enhancement, and increased groundwater recharge.
Stevens	Stevens SWCD	Matt Solemsaas (320)589-4886	$ 84,000	Stevens County Water Quality Initiative	This project will establish up to 12 miles of riparian buffers along the Pomme de Terre River and its tributaries and install up to 5 raingardens in Morris and Chokio as identified in the Pomme de Terre TMDL Implementation Plan.
Aitkin, Mille Lacs and Crow Wing	Aitkin SWCD	Janet Smude (218) 927-6565	$ 73,543	Implementation Projects for the Mille Lacs Lake Watershed	Mille Lacs Lake is a world-class walleye fishery that covers several local government jurisdictions. Protecting this resource is an important part of the comprehensive local water management plans for the surrounding counties. This project will provide assistance towards implementing stormwater treatment practices including vegetated infiltration basins, native shoreline buffers and other bioretention conservation practices.
Stearns	Stearns SWCD	Dennis Fuchs (320) 251-7800	$ 149,704	Watershed Based Infiltration For Middle Spunk Lake	Low Impact Development practices and water quality protection for Middle Spunk Lake are priorities in the county comprehensive local water management plan. This project will systematically implement approximately 30 stormwater treatment practices in a community adjacent to Middle Spunk Lake and include rain gardens, infiltration swales and bioretention basins.
Redwood, Cottonwood	Redwood-Cottonwood-Rivers Control Area	Marilyn Bernhardson (507) 637-2427	$ 75,000	SWCD's Incentives and BMPs in the Redwood and Cottonwood Watersheds	This project will use incentives and structural BMPs to target riparian buffer strips and erosion control practices that are identified in the Lower Minnesota DO TMDL and county comprehensive local water management plans. Specifically, this project aims to install 1,275 feet of terraces, 5 sediment basins, 3750 feet of waterways, 1,250 feet of diversions, and 1 grade stabilization structure.

County	Awarded Organization	Local Contact Information	CWF Awarded	Project Title	Project Summary
Stearns	Stearns Soil and Water Conservation District	Dennis Fuchs (320) 251-7800	$ 250,000	Enhanced Shoreline Restoration, Infiltration and Protection Program	This project will provide technical and financial assistance to landowners to restore shoreline vegetation, develop stormwater infiltration areas and protect riparian areas permanently through deed restrictions associated with the practices and the property. Approximately 20 shoreland restoration projects will be installed on nutrient impaired lakes or other high value water resources that are identified in the Stearn's County Comprehensive Local Water Management Plan.
Sherburne	Sherburne Soil and Water Conservation District	Mark Basiletti (763) 241-1170	$ 81,600	Sherburne SWCD 2010 Land Treatment Projects	This project will provide technical and financial assistance to landowners and the community to install conservation practices identified in the comprehensive local water management plan. Specifically, the project will implement 1)shoreland conservation practices along the nutrient impaired Fremont Lake, 2) streambank protection and native vegetation establishment along the Rum River, a tributary to the Mississippi River and 3) installation of bioretention stormwater treatment practices in the City of Elk River to mitigate stormwater runoff to the Mississippi River.
Pope	Pope Soil and Water Conservation District	Luan Johnsrud (320) 634-5327	$ 209,179	Glenwood Dairyland Basin Stormwater Mitigation Project	This project will protect water quality and reduce stormwater and sediment discharge to Lake Minnewaska from the City of Glenwood. The SWCD will provide technical and financial assistance to repair and stabilize existing gullies, remove an impervious lakeside parking lot and install rain gardens that will gather and infiltrate stormwater runoff from the surrounding area. Lake Minnewaska and the identified conservation practices are priorities in the Pope County Comprehensive Local Water Management Plan
Hennepin	Shingle Creek Watershed Management Organization	Ed Matthiesen (763) 553-1144	$ 105,237	Shingle Creek Restoration, I-94 to CR 10, Brooklyn Center	As identified in the local water management plan and in the Shingle Creek Stressor Identification as part of the Shingle Creek Biotic TMDL, this project will restore approximately 5,000 feet of Shingle Creek with native buffer, streambank stabilization, improved aeration, and enhanced in-stream habitat.

FY 2010 Clean Water Fund SSTS Grants

County	Awarded Organization	Local Contact	Grant Amount Awarded		Project Title	Project Summary
			SSTS Imminent Health Threat Abatement	SSTS Program Enhancement		
Benton	Benton County	William Mayland 320-968-5065		$2,000	Benton County SSTS Inventory	Benton County will create an SSTS database of shoreland lots on Little Rock Lake, Little Rock Channel, Mayhew Lake, Donovan Lake, Bible Duck Slough, Pularskis Lake and the Mississippi River and then will conduct and inventory based on that data.
Blue Earth	Blue Earth County	Peter Otterness 507-304-4381		$26,000	Improving Blue Earth County's SSTS permitting and management system and increasing SSTS compliance to improve surface water quality and protect groundwater quality.	This project will develop a county SSTS database to better track compliance inspections, permitting requirements, and meet the SSTS goals of the Blue Earth River Fecal Coliform TMDL.
Carver	Carver County	Greg Aamodt 952-361-1804		$50,000	TMDL SSTS direct discharge enforcement	This project will enhance enforcement efforts and will result in the County leveraging funds for incentive payments for landowners to install compliant systems.
Cass	Cass County	John P. Ringle 218-547-7241	$45,000	$55,000	2010 Cass County SSTS Program	The project will undertake an SSTS inventory of Roosevelt, Lawrence, Leavitt, and Smokey Hollow Lakes along with database development, enhanced enforcement and landowner education. In addition, Community cluster retrofit system will be designed on Cass Lake and an additional SSTS system will be replaced.

County	Awarded Organization	Local Contact	Grant Amount Awarded		Project Title	Project Summary
			SSTS Imminent Health Threat Abatement	SSTS Program Enhancement		
Chisago	Chisago County	Jerry Spetzman 651-213-8383	$40,000	$135,000	Chisago County - Inventory, Find, and Fix Failing & IHT Septic Systems	This project will continue to develop the Chisago County SSTS inventory to find failing systems and provide enforcement for the backlog of SSTS workload from past ITPHS inventory work. In addition, a total of 8 ITPHS will be replaced through this project.
Crow Wing	Crow Wing County	Chris Pence 218-824-1123	$18,000		Crow Wing County Septic System Assistance Program	A total of 3 ITPHS will be replaced through this project.
Dodge	Dodge County	Dean Schrandt 507-635-6273	$88,777		Dodge County SSTS Imminent Health Threat Abatement Project	A total of 6 ITPHS will be replaced through this project.
Douglas	Douglas County	Jerome Haggenmiller 320-763-3191		$142,000	Douglas County Comprehensive SSTS Enhancement Program	This comprehensive project will target lakes and riparian areas to inventory SSTS, develop a useful database, provide additional enforcement, and develop more strategic county policies.
Faribault	Faribault County	Michele Stindtman 507-526-2388		$21,693	Faribault County SSTS Compliance and Maintenance Program	This project will increase education and awareness of SSTS issues within the county and also will result in greater enforcement of county SSTS pumping requirements.
Freeborn	Freeborn County	Richard Hoffman 507-377-5186	$52,000		2010/11 Freeborn County Subsurface Sewage Treatment System Solution	A total of 10 ITPHS will be replaced through this project.
Goodhue	Goodhue County	Beau Kennedy 651-923-5286		$43,830	Goodhue County Septic System Database Development	Goodhue county doesn't have an electronic database of SSTS and this project would help organize SSTS information that is currently in paper files.

County	Awarded Organization	Local Contact	Grant Amount Awarded		Project Title	Project Summary
			SSTS Imminent Health Threat Abatement	SSTS Program Enhancement		
Houston	Houston County	Bob Scanlan 507-725-5800		$9,877	BWSR SSTS Program Enhancement Grant - Houston County	This project will results in paper SSTS files within the Root River watershed to be transferred into a GIS parcel layer database system.
McLeod	McLeod County	Mary Creech 320-864-1259	$24,000		Helping Low Income Households in McLeod County with Imminent Health Threat Septic Systems	A total of 4 ITPHS will be replaced through this project.
Meeker	Meeker County	Paul Virnig 320-693-5200	$340,000		Mid-Sized Subsurface Sewage Treatment System for Forest City Township Subordinate Service District	Community cluster retrofit system will be installed to treat wastewater from 21 existing homes with imminent health threat septic systems located in an unincorporated area of Meeker County along the North Fork of the Crow River.
Morrison	Morrison County	Mark Anderson 320-632-0171		$40,000	Morrison County's customized web-based database for management of SSTS	This project will develop a web-based database to organize the current paper file system into an electronic system.
Murray	Murray County	Chris Hansen 507-836-6148	$90,000		Lime Creek Subordinate Service District Imminent Health Threat Fix Up	A total of 9 ITPHS will be replaced through this project.

County	Awarded Organization	Local Contact	Grant Amount Awarded		Project Title	Project Summary
			SSTS Imminent Health Threat Abatement	SSTS Program Enhancement		
Pipestone	Pipestone County	Kyle Krier 507-825-6765	$48,000		Pipestone 2010 SSTS Grant Program	A total of 8 ITPHS will be replaced through this project.
Rice	Rice County	Jennifer Mocol-Johnson 507-333-3871	$30,000	$80,000	Rice County Environmental Health Program Enhancement funding for Database and Enforcement Initiatives, and Low-Income IPHT Fix-Up Funds	This project will provide SSTS enforcement based on Roberds Lake inventory results and upgrade county SSTS database to better track maintenance requirements of SSTS county-wide. In addition, a total of 5 ITPHS will be replaced through this project.
Dodge, Mower, Waseca, and Winona	Southeast MN Water Resources Board	Linda Dahl 507-457-5223		$169,600	Southeast Minnesota Septic System Management Database	This multi-county effort will result in an innovative SSTS database that will be developed for Winona, Waseca, Mower, and Dodge Counties.
Wadena	Wadena County	Deana Skov 218-631-7604		$50,000	Wadena County In-House Database	This project will enable the County to finish and complete a database of information collected from past SSTS inventory work.
Wright	Wright County	Bill Stephens 763-682-7331		$35,000	Automatic Notification System for Performance SSTS Monitoring and Maintenance Plans	This project will result in paper SSTS files being transferred into an electronic database and permitting system.
	Total Grant Funds Awarded		**$775,777**	**$860,000**		

Funded FY 2010 Clean Water Fund and General Fund Feedlot Water Quality Management Grant Projects

County	Applicant Organization	Local Contact Information	Grant Amount Awarded*	Number of Projects
Aitkin	Aitkin SWCD	Janet Smude 218-927-6565	$4,315	1
Benton	Benton SWCD	Gerry Maciej 320- 968-5300	$269,368	4
Brown	Brown County	Desiree Hohenstein 507-233-6642	$10,000	1
Carver	Carver County	Greg Aamodt 952-361-1804	$99,000	10
Chisago, Washington	Comfort Lake-Forest Lake WD	Randy Anhorn 651-209-9753	$73,000	2
Dodge	Dodge County	Dean Schrandt 507-635-6273	$29,650	5
Douglas	Douglas SWCD	Jerome Haggenmiller 320-763-3191	$19,875	1
Fillmore	Fillmore SWCD	Donna Rasmussen 507-765-3878	$194,000	3
Goodhue	Goodhue SWCD	Glen Roberson 651-923-5286	$75,240	1
Morrison	Morrison SWCD	Helen McLennan 320-616-2479	$275,000	5
Nobles	Nobles SWCD	Ed Lenz 507-376-9150	$35,516	1
Pipestone	Pipestone SWCD	Kyle Krier 507-825-6765	$44,050	1
Renville	Renville SWCD	Karen Flom 320-523-1559	$109,423	3
Stearns	Sauk River WD	Lynn Nelson 320-352-2231	$5,000	1
Stearns	Stearns SWCD	Dennis Fuchs 320-251-7800	$118,603	5
Waseca	Waseca SWCD	Marla Watje 507-835-4800	$26,500	1
Winona	Winona SWCD	Brein Rose Maki 507- 523-2171	$267,390	9
Total Feedlot Water Quality Management Grant Funds Awarded			**$1,655,930**	

*Grant awards do not reflect total project costs

Funded FY 2010 Clean Water Fund Conservation Drainage Grants

County	Awarded Organization	Local Contact Information	Grant Amount Awarded	Project Title	Project Summary
Carver	Carver SWCD	Mike Wanous 952.466.5235	$ 40,000	Carver County Ditch #4A Sediment Pond	The purpose of this project is to install a sediment pond along County Ditch #4A to trap sediment and pollutants before entering Bevens Creek. The construction of the sediment pond would coincide with a repair of the ditch to restore it to the original condition.
Freeborn	Greater Blue Earth Basin Alliance	Kay Clark David Bucklin 507.831.1153	$ 39,798	Cobb River Ditch Conservation Drainage Assessment	This project will develop local implementation strategies to reduce sediment yield from the Cobb River ditch sub-watershed. The effort will consider: culvert sizing; ravine stabilization practices; side inlet controls; alternative tile intakes; wetland restoration; perennial biofuel crops; field erosion control practices; stream bank stabilization; perennial buffer strips; cover crops; controlled drainage; and other considerations. A targeted and prioritized 5-year implementation plan will be developed to achieve effective and long-term flow control and sediment yield reduction.
Kandiyohi & Meeker	Middle Fork Crow River Watershed District	Chad Anderson 320.796.0888	$ 15,602	Conservation Drainage in the Middle Fork Crow River Watershed	This proposal is for the implementation of a pilot project that focuses on drainage water management via the installation of controlled drainage systems. Such systems have proven to significantly reduce water volumes, total phosphorus and nitrate export to receiving waters while improving crop yields. The program employs a plot study to quantify the impact of controlled drainage systems in West-Central Minnesota, the long-term goal of which will be to promote a broader acceptance of such practices in the region.
Mower	Mower SWCD	Bev Nordby 507.434.2680	$ 71,600	Root River Conservation Drainage Integrated Whole Farm Designs	Established filtration basin provides conservation benefits, and this project will establish and improve unmet monitoring and related installation needs at this site southwest of Grand Meadow. This proposal increases filtration basin storage capacity, treats subsurface flow with managed drainage, and a woodchip bioreactor, and treats surface runoff with rock trench side inlets. Partners will conduct outreach and evaluate the applicability of these practices throughout the area.
Stearns & Pope	North Fork Crow River Watershed District	Allan Kuseske 320.346.2410	$ 33,000	Flood Damage Reduction in Judicial Ditch 1 Watershed	A flood damage reduction master plan will be prepared for the Judicial Ditch 1 watershed, which is tributary to the North Fork of the Crow River. Existing culverts within the watershed will be re-sized to reduce peak flow rates, flood damages and erosion potential downstream. In addition to reducing peak flow rates, flood damages and downstream erosion, increased sediment and nutrient removal through extended detention time is expected.