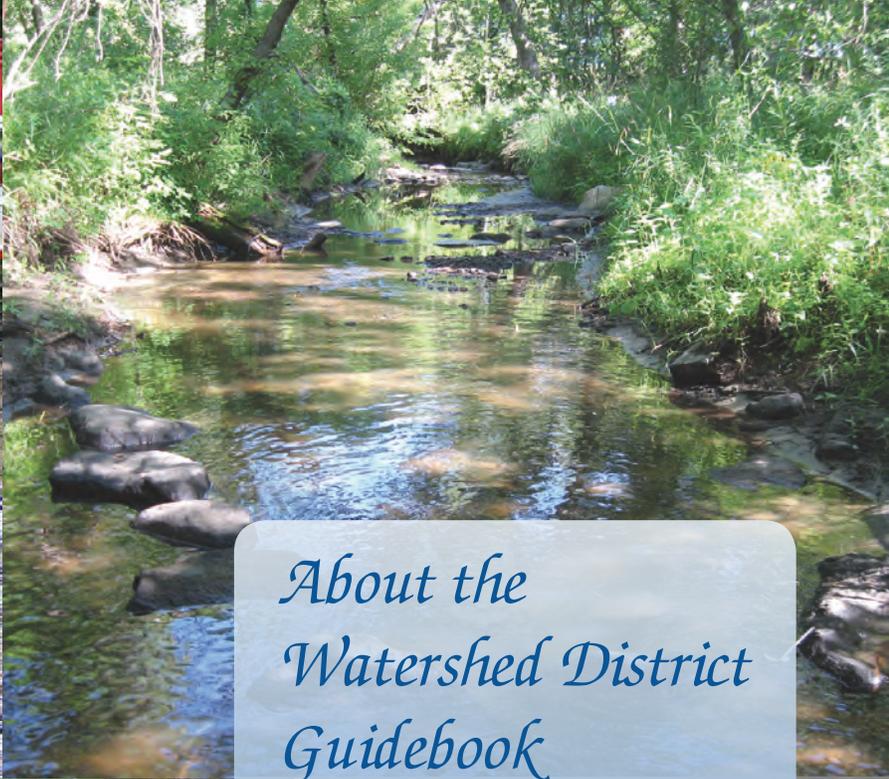




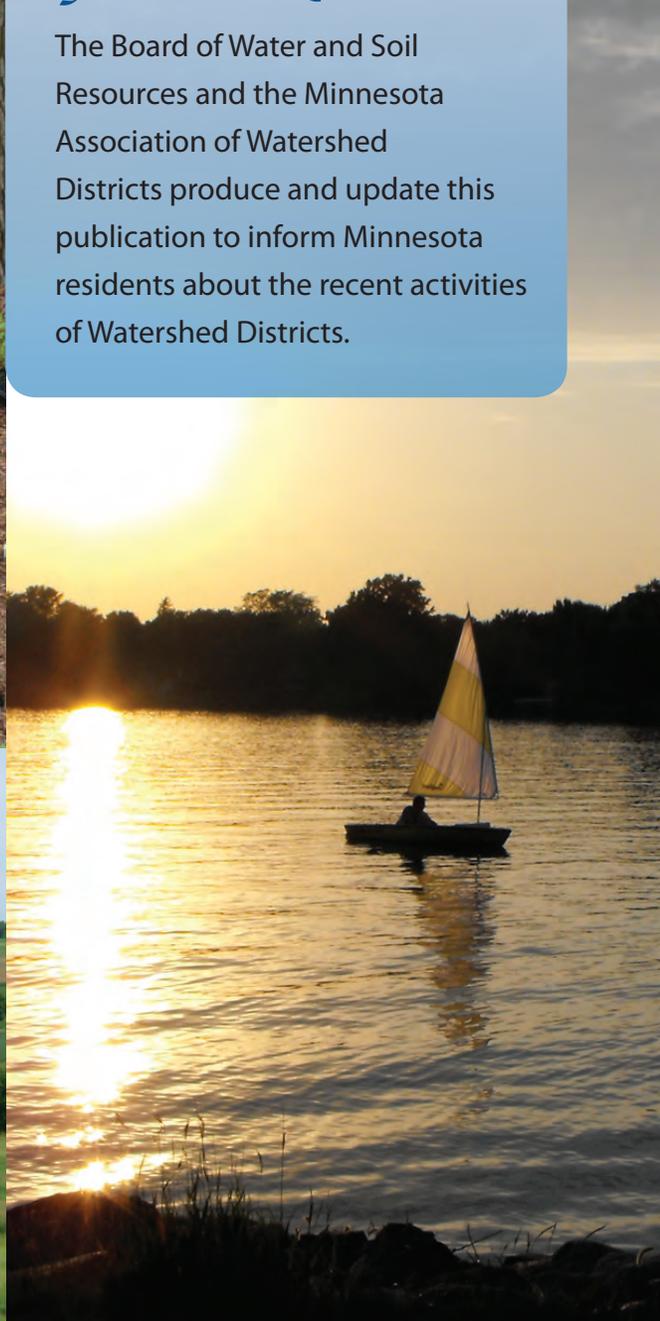
Minnesota *Watershed District* Guidebook





About the Watershed District Guidebook

The Board of Water and Soil Resources and the Minnesota Association of Watershed Districts produce and update this publication to inform Minnesota residents about the recent activities of Watershed Districts.



About Watershed Districts

PURPOSE

Watershed Districts are special purpose local units of government with boundaries based on the natural hydrologic boundaries of a watershed.

Because water is difficult to manage on the basis of political boundaries such as county or city lines, the Minnesota Legislature in 1955 authorized the creation of Watershed Districts. Watershed Districts are formed when citizens, county boards, or cities petition the Board of Water and Soil Resources under provisions outlined in state law, specifically 103D.

Watershed Districts are governed by a board of managers. Members of the board are appointed by county commissioners within the District's boundaries.

There are currently 46 Watershed Districts in Minnesota. Some exist mainly to minimize property damage caused by flooding, while others have a broad range of programs and services that protect and improve water quality. These local units of government achieve effective and efficient water management outcomes by focusing on water quality and quantity issues on a watershed basis, targeting their efforts to the areas where they will provide the greatest benefits.

HISTORY

In 1953, Congress approved the federal Watershed Protection and Flood Prevention Act. The Act provided financial assistance to local agencies responsible for the management of secondary watersheds. These agencies had the power of eminent domain and levy authority to raise revenue. The Minnesota Legislature approved the Watershed Act, Minnesota Statutes Chapter 103D, in 1955. This act allowed Watershed Districts to be established if citizens or local government units submit a petition to the Minnesota Water Resources Board (now the Board of Water and Soil Resources).

As the Watershed Act was being developed, many believed that Watershed Districts should be governed by people somewhat removed from the political process, so they would be able to make tough and possibly unpopular decisions. It was agreed that Watershed District managers would be appointed, rather than elected.

The first Watershed District was established in 1957 — the High Island Creek Watershed District, encompassed parts of Sibley, Renville, and McLeod counties. Other Districts followed, with the most recent one, the Cedar River Watershed District, established in 2007.

Powers & Duties

In general, under M.S. Chapter 103D.335, a Watershed District has the power to:

- sue and be sued
- incur debts, liabilities and obligations
- exercise the power of eminent domain
- levy property taxes and special assessments
- issue certificates, warrants, bonds
- acquire and dispose of property
- hire staff and consultants
- regulate development

Watershed Districts deal with a wide variety of water-related concerns, including water quantity (flood damage reduction) and water quality, including wetlands and groundwater management. Many Districts work cooperatively with other local organizations such as cities, counties, Soil and Water Conservation Districts, non-profit and private wildlife groups, and community organizations to work toward common water management goals. Watershed Districts engage in varied water resources activities and projects, which differ by location, size, resources and land use. Some Watershed District activities and projects include, but are not limited to:

- Streambank Restoration
- Aerial Environmental Surveys
- Flood Control Structures
- Natural Resources Inventories
- Nutrient Loading Reduction
- Public Education and Outreach
- Monitoring Studies
- Stormwater Management
- Dredging and Channel Excavation
- Farmstead Ringdikes
- Internship Programs
- Local Cost-Share Programs
- Erosion Control Projects
- Dam and Ditch Repair and Assessment
- Stormwater Management
- Ditch Repair and Assessment
- Wetland Restoration
- Feedlot Pollution Reduction
- Agricultural Land Buffering
- Best Management Practices
- Hydrologic Model Development

Funds & Annual Reporting

By law, Watershed Districts are allowed to establish a number of funds for the purpose of carrying out their powers and duties. Precedent does exist for using a combination of assessments and levies for paying project costs. Some funding options vary based on a District's inclusion in the seven-county metro area.

Districts may generate revenue via the following:

AD VALOREM TAX LEVIES

Organizational Expense Fund (M.S. Chapter 103D.905, Subd. 2); General (Administrative) Fund (M.S. Chapter 103D.905, Subd. 3); Survey and Data Acquisition Fund (M.S. Chapter 103D.905, Subd. 8); Emergency Projects of Common Benefit Fund (M.S. Chapter 103D.615, Subd. 3); Planning and Implementation Fund (metro only, M.S. Chapter 103B.241, 103B.231 and 103B.235) and Maintenance of Capital Improvements Fund (metro only, M.S. Chapter 103B.251, Subd. 9).

ASSESSMENT LEVIES

Preliminary Fund (M.S. Chapter 103D.905, Subd. 6); Construction or Implementation Fund (M.S. Chapter 103D.905, Subd. 5); Repair and Maintenance Fund (M.S. Chapter 103D.905, Subd. 7 and 103D.631) and Emergency Projects for Benefited Property Fund (M.S. Chapter 103D.615, Subd. 3).

Funds Generated Through Bond Sales (M.S. Chapter 103D.905, Subd. 4)

Funds Generated through Collection of Charges (M.S. Chapter 103D.729 and 444.075)

ANNUAL REPORTING

The managers of a Watershed District are required to prepare a yearly report of the financial conditions of the District, the status of all projects, the business transacted by the watershed district, other matters affecting the interests of the Watershed District, and a discussion of the manager's plan for the succeeding year. Copies of the report must be submitted to the Board of Water and Soil Resources and the Director of the DNR Division of Waters.

ANNUAL AUDIT

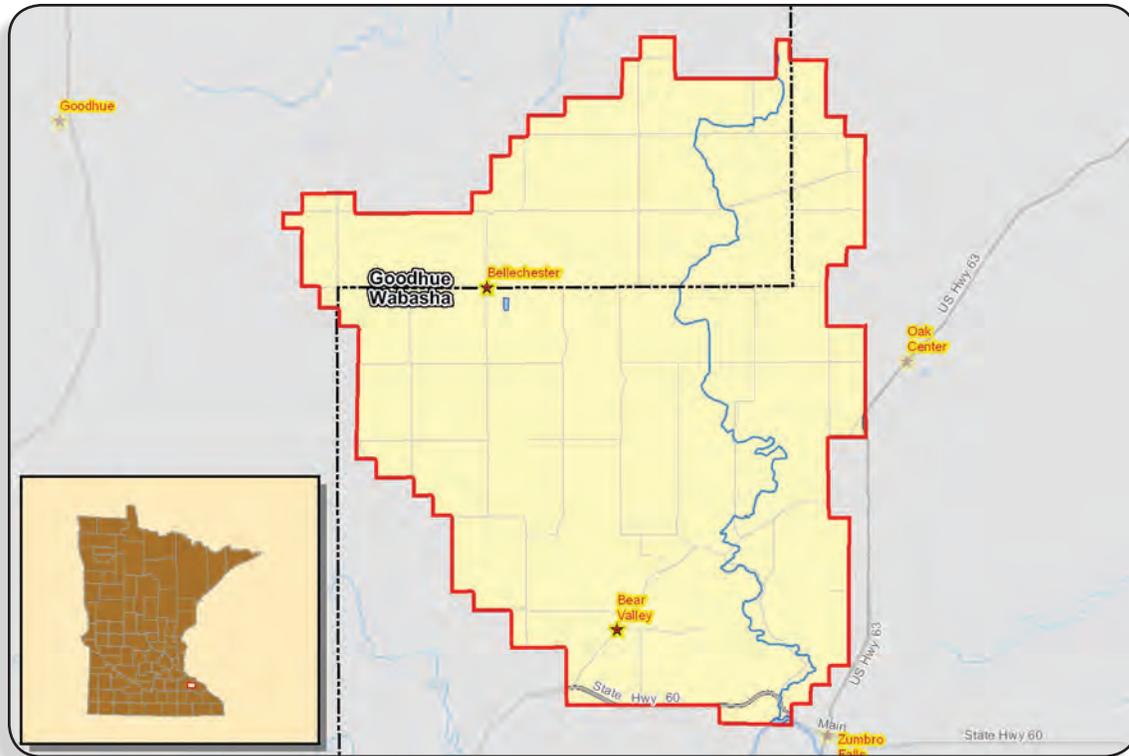
The managers of a Watershed District must have an annual audit completed of the books and accounts of the Watershed District. The annual audit may be made by a certified public accountant or by the state auditor.

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Bear Valley

WATERSHED DISTRICT



GENERAL INFORMATION

Established: April 27, 1961
by Goodhue and Wabasha County
25409 County 16 Blvd
Goodhue, MN 55027-8602
Phone: (612) 923-4937

Included Counties: Goodhue and
Wabasha
District Size: 45.8 square miles
Major Water Bodies: Cold Creek with
two major tributaries - Bellechester and
Bear Valley. The watershed flows south
to the Zumbro River

Number of Staff: 0
2008 Taxable Market Value:
\$124,029,600

BOARD OF MANAGERS

| Name | Position | Address | Phone |
|----------------|-----------|--------------------------------------|----------------|
| Paul Huneke | President | | (612) 923-4038 |
| Warren Majerus | Secretary | Rt 1 Box 47, Mazeppa, MN 55956 | (612) 923-4973 |
| Neil Stehr | Treasurer | 67662 386th Ave, Lake City, MN 55041 | (507) 753-2023 |

RECENT PROJECTS

A work plan for the Bear Valley Watershed District was created in 1961 by the Goodhue and Wabasha Soil and Water Conservation Districts, assisted by the USDA Soil Conservation Service and Forest Service.

A system of grade stabilization structures was developed to reduce soil losses, damage to property from sediment, land voiding, undercutting of fences and road structures, and the destruction of terrace outlets and waterways. This included seven box inlets added to existing bridges or culverts, five straight-drop spillways, three drop inlets, and 4.75 miles of structural waterways. Also, three drop inlets with conservation pools were established to provide temporary storage for flood reduction downstream of these structures.

Landowners within the watershed have cooperated by working with soil and water conservation leaders to install conservation practices that have reduced soil erosion, protected wooded lots, and provided wildlife habitat.

The Bear Valley Watershed District's primary role is to maintain and repair the structures that have been established, and to continue to work cooperatively with the Goodhue and Wabasha Soil and Water Conservation Districts, other conservation organizations, and local landowners to install conservation practices.

FUTURE PROJECTS

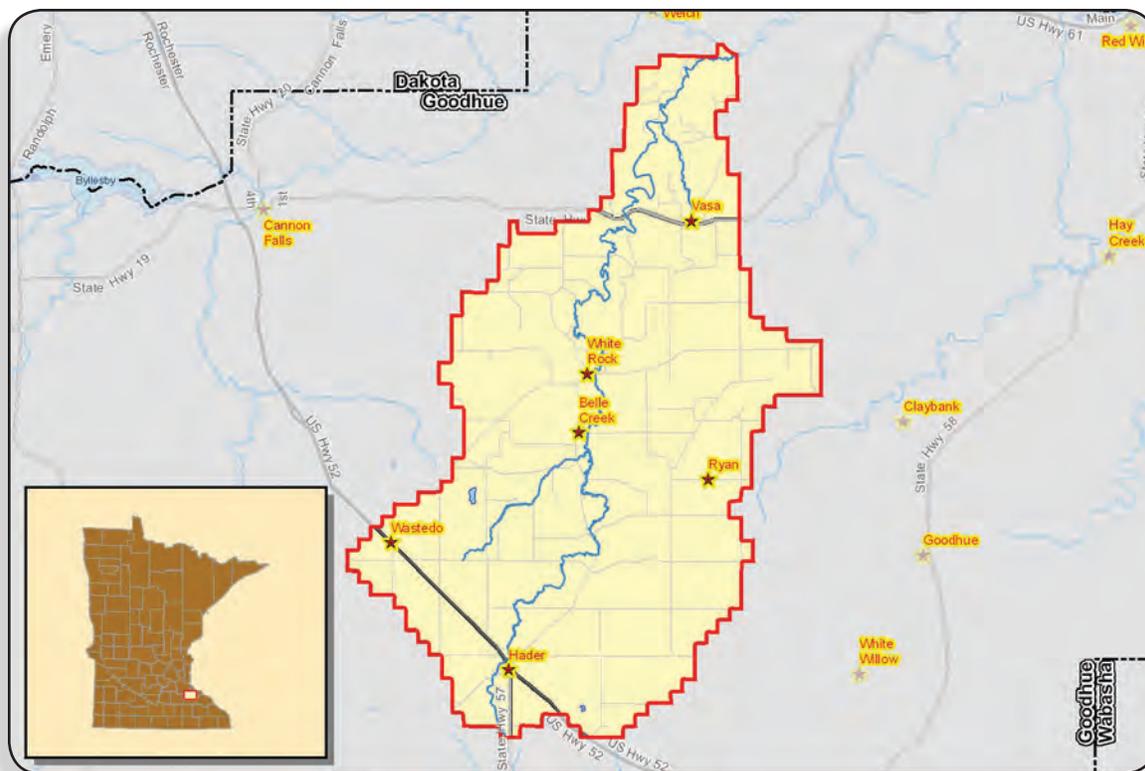
Continue to maintain and repair the structures that have been established, and to work cooperatively with SWCDs, other conservation organizations, and local landowners to install conservation practices.

2007 EXPENDITURES

| | |
|-------------------------|---------|
| Total 2007 Expenditures | \$3,194 |
|-------------------------|---------|

Belle Creek

WATERSHED DISTRICT



GENERAL INFORMATION

Established: November 14, 1968
by citizen petition

25409 County 16 Blvd,
Goodhue, MN 55027-8602
Phone: (612) 923-4937

Included counties: Goodhue

District Size: 82 square miles

Major Water Bodies: Belle Creek,
which flows north and drains into the
Cannon River

Number of Staff: 0

2008 Taxable Market Value (TMV):
\$262,214,000

BOARD MEMBERS

| Name | Position | County | Address | Phone |
|------------------|-----------|---------|--------------------------------------|--------------|
| James Hedeem | Treasurer | Goodhue | 15478 Norelius Rd, Welch, MN 55089 | 507-258-4514 |
| Les Kylo | Chair | Goodhue | 14414 Co. 50 Blvd, Goodhue, MN 55027 | 507-824-2369 |
| Francis McNamara | Secretary | Goodhue | 35780 165th Ave, Goodhue, MN 55027 | 507-258-4115 |



Conservation practices near Belle Creek include stripcropping, where strips of row crops alternate with strips of grass or small grains along the contour of a slope to reduce soil erosion.

RECENT PROJECTS

The Belle Creek Watershed District was established mainly in response to a severe flood in 1961. A citizen steering committee was formed to seek engineering assistance and financial resources to inform landowners of possible flood damage reduction solutions. Federal assistance was sought, which required a local government unit to provide a local share of the project costs, and to assume the necessary legal and administrative responsibilities. That led to the petition to create the district, which was submitted to and approved by the Minnesota Water Resources Board.

Five floodwater retarding structures and two grade stabilization structures have been established by the District, in cooperation with local, state, and federal conservation partners. Belle Creek Watershed District managers have worked with many of the landowners in the watershed and the Goodhue Soil and Water Conservation District to install conservation practices, including grassed waterways, terraces, contour strips, tile drainage, ponds, conservation tillage, and erosion control structures.

The Watershed District continues to maintain the structures that have been established, and works with conservation partners and local landowners to promote land treatment measures that protect and improve water quality and reduce potential flood damage.

FUTURE PROJECTS

Tree and brush removal began in the fall of 2008 on two of the structures, with follow-up treatment in the spring of 2009.

One stream crossing will be installed over Belle Creek.



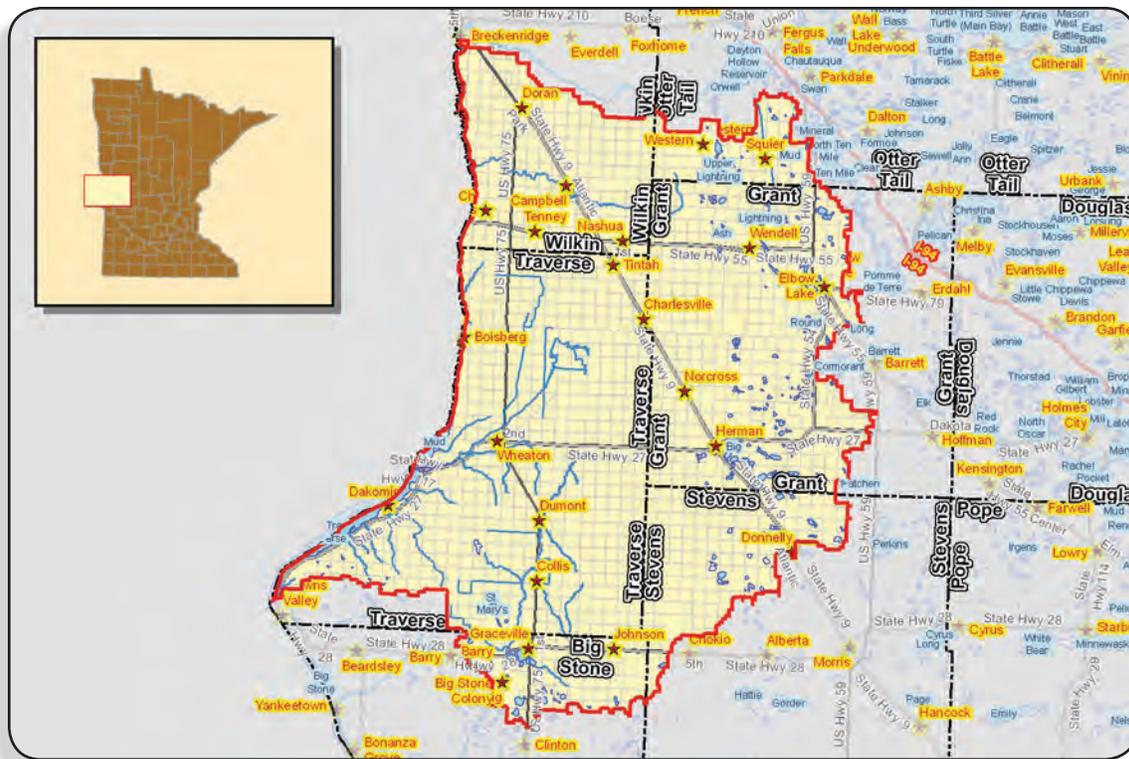
One of the flood-control structures that are maintained by the watershed district.

2007 EXPENDITURES

| | |
|-------------------------------------|---------|
| Total 2007 Expenditures | \$7,000 |
| Management / General Administrative | \$500 |
| Insurance | \$6,500 |

Bois de Sioux

WATERSHED DISTRICT



GENERAL INFORMATION

Established: May 11, 1988
 by Wilkin, Traverse, Big Stone and
 Stevens County Petition
 704 S Highway 75,
 Wheaton, MN 56296
 Phone: (320) 563-4185

Fax: (320) 563-4987
 bdswd@frontiernet.net
 Included Counties: Traverse, Grant,
 Stevens, Big Stone, Otter Tail, Wilkin
 District Size: 1,430 square miles
 Major Lake: Lake Traverse

Number of Staff: 2
 2008 Taxable Market Value (TMV):
 \$1,836,727,400

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|---------------------|---------------------|------------|---|----------------|
| Jerome Deal | President | Traverse | 1501 Second Ave S, Wheaton, MN 56296 | (320) 563-8377 |
| Don Davenport | Vice Pres. | Otter Tail | 12752 County Hwy 15, Fergus Falls, MN 56537 | (218) 739-9281 |
| Dan Ellison | Manager | Grant | 18353 260th Ave, Elbow Lake, MN 56531 | (320) 677-2614 |
| John Kapphahn | Manager | Grant | 28043 - 220th Ave, Elbow Lake, MN 56531 | (218) 685-4604 |
| John "Jack" Lampert | Secretary/Treasurer | Stevens | 62729 130th St, Chokio, MN 56221 | (320) 677-2579 |
| Robert Marts | Manager | Traverse | 6240 State Hwy 27, Wheaton, MN 56296 | (320) 563-4409 |
| Jon Pansch | Manager | Big Stone | 26737 County Rd 65, Graceville, MN 56240 | (320) 748-7516 |
| Tom Deal | Manager | Wilkin | 2920 410th St, Doran, MN 56522 | (218) 630-5882 |
| Dennis Zimbrick | Manager | Traverse | 5519 County Rd 3, Beardsley, MN 56211 | (320) 265-6252 |

RECENT PROJECTS

Stream Gauging Program – a District-wide program involving 38 volunteer readers. Gathered information is used to help predict potential flood danger and for hydrologic modeling.

District Rules and a Permitting Program – helps provide adequate drainage needs for agricultural production while providing fair access to the drainage system as a whole. The District processed 146 permits in 2008.

North Ottawa Impoundment Project – currently under construction, this project consists of a three-square-mile water impoundment designed to retain 18,000 acre-feet of floodwater from a 75-square-mile watershed. Estimated cost is \$18.9M. Will be partially operational in spring 2009.

River Watch Program - conducted with four schools in the Bois de Sioux Watershed District. Monitoring is done on approximately 30 sites and water quality data is assembled and distributed to local, state, and federal agencies.

Partnership – with local Soil and Water Conservation Districts (SWCDs) to promote installation of buffer strips and wetland restorations for runoff reduction. In the last two years, over 3,500 acres were installed within the Bois de Sioux Watershed District.

Re-determination of drainage benefits - for the drainage area of Judicial Ditch #14, covering around 800 square miles. This re-determination constitutes one of the largest ever undertaken in the state of Minnesota.

Redpath Project – A multi-purpose impoundment adjacent to the Mustinka River, the main river in the District. This project is comparable to the North Ottawa Impoundment in size and function.

Management of 60 legal ditch systems – under MS 103E comprising approximately 400 lineal miles of drainage systems and also conduct annual inspections and the needed repairs and maintenance as required by statute.

MAWD Summer Tour 2008 - The Bois de Sioux Watershed District hosted the Minnesota Association of Watershed Districts Summer Tour 2008. Around 150 watershed managers and spouses were in attendance along with some state agency people. Stops included a drive through of the North Ottawa Impoundment Project.

2008 DNR Waters Watershed District of the Year award recipient.



North Ottawa Impoundment Project—airial view looking north. Project scheduled to be fully functional for flood damage reduction purposes spring 2010.

Pheasants Forever partnership – with local chapters to purchase and retire marginal farmland into permanent grassland as a means to reduce runoff.

FUTURE PROJECTS

Complete construction – of the North Ottawa Impoundment Project.

Initiate construction – Pursue development of impoundment projects in Tintah Township Section 34, Moonshine Lakebed, Moonshine Township Section 13, Eldorado Township Section 7 by working to acquire land rights.

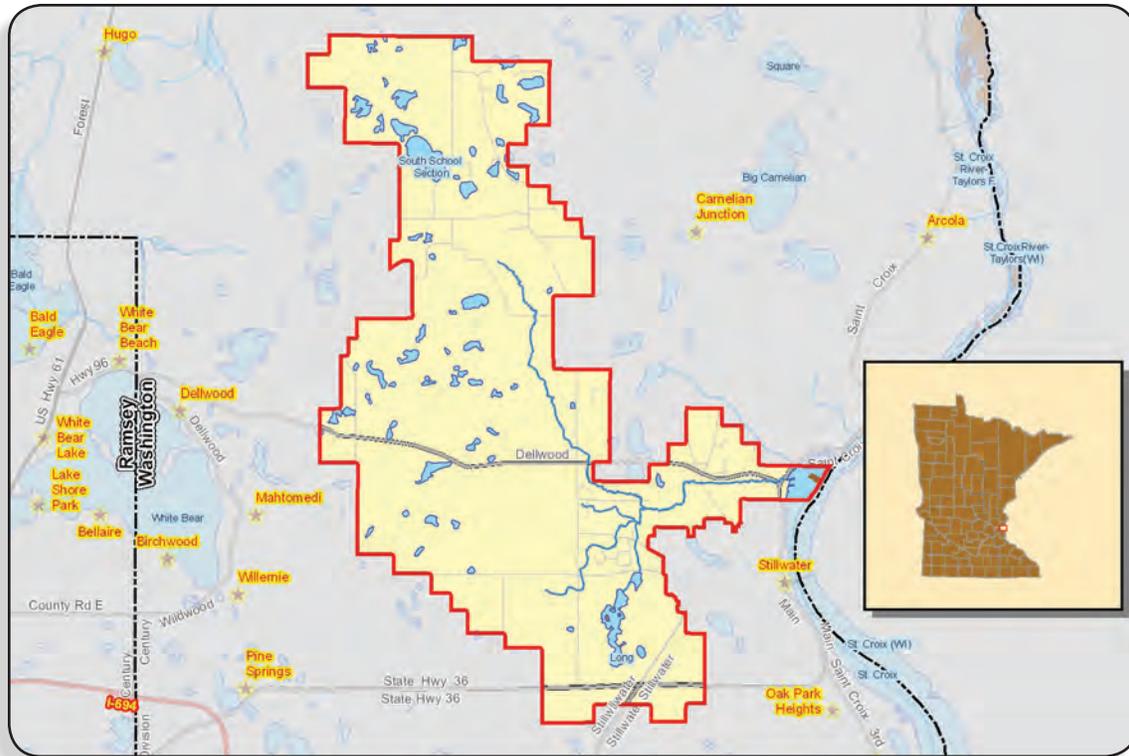
Ditch record modernization – participate in the ditch record modernization process to the extent necessary to make managing the legal ditch systems in our district more efficient.

2007 EXPENDITURES

Call district office for financial information:
(320) 563-4185, ask for Jon.

Brown's Creek

WATERSHED DISTRICT



GENERAL INFORMATION

Established: October 28, 1997
by county petition

1380 W Frontage Rd, Hwy 36,
Stillwater, MN 55082

Phone: (651) 275-1136, ext 26

Fax: (651) 275-1254

www.bcwd.org

karen.kill@mnwcd.org

Included Counties: Washington

District Size: 29.4 square miles

Major Waterbodies (and DNR designations): Brown's Creek (designated trout stream and tributary to the St. Croix River), Long Lake (82-21), Goggin's Lake (82-77), School Section Lakes (82-149 & 82-141), Lynch Lake (82-42), Benz Lake (82-120), Pat Lake (82-125), Kismet Basin (82-333), Base West Lake (82-123), Masterman Lake (82-126), Woodpile Lake (82-132), Fingers Pond (82-256)

Staff: 1 FTE Contracted Administrator
Services plus additional consultants

2008 Taxable Market Value (TMV):
\$1,708,552,100

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|----------------|----------------|------------|--|----------------|
| Craig Leiser | President | Washington | 10300 Kismet Ln, Stillwater, MN 55082 | (651) 439-4008 |
| Rick Vanzwol | VP/CAC Liaison | Washington | 9750 Jamaca Ave N, Grant, MN 55115 | (651) 426-2378 |
| Connie Taillon | Treasurer | Washington | 3374 Staples Place, Stillwater, MN 55082 | (651) 342-0284 |
| Gerald Johnson | Secretary | Washington | 302 Edgewood Ave, Stillwater, MN 55082 | (651) 439-0685 |
| Gail Pundsack | Vice President | Washington | 5901 Omaha Ave N, Stillwater, MN 55082 | (651) 439-0317 |



Long Lake (82-21) in Stillwater is impaired for excess nutrients. A management plan was approved in 2006 and implementation activities in 2007-08 have removed approximately 50 pounds of phosphorous from the lake annually.

RECENT PROJECTS

Trout Habitat Preservation Project — 2004 MAWD project of the year. Flood protection project completed in 2001 focused on protection and enhancements of the sensitive spring-fed headwaters of Brown's Creek, as well as stabilization of water levels in the landlocked basin of the lakes utilizing infiltration. Ongoing maintenance revealed reductions in infiltration rates. An infiltration recovery project was installed in winter 2006-07.

Long Lake Management Plan — developed in 2006. Efforts have resulted in a reduction of 50 pounds of phosphorous per year from reaching the lake. A current study is focusing on methods to reduce the impact of nutrients already in the lake.

Brown's Creek Biota TMDL and Implementation Plan — designated trout stream impaired for biota due to several stressors including high temperatures, low dissolved oxygen, high suspended solids, high copper, and high nitrogen. Currently developing the TMDL study and implementation plan to be completed by August 2009.

Benz Lake Management Plan — currently developing plan to be completed by 2008.

Land Conservation Program — currently working with Citizen Advisory Committee and Technical Advisory Committee to set conservation goals and priority areas.

Permitting Program — rules were revised in May 2007, including changes to enhance the standards for volume control, water quality, buffer, and flood management.

Collaboration — provide funding for a shared stormwater

educator position to educate residents, municipal officials and staff, and developers.

Cost-Share Program — initiated in 2006 for homeowners willing to install practices to improve water quality. To date 36 projects were approved for raingardens, native plantings, and shoreline restorations.

Monitoring Program — utilizes volunteers when possible to determine water quality trends as well as resource management needs and outcomes.

FUTURE PROJECTS

Continue Long Lake Management Plan Implementation

Land Conservation Program Implementation

Brown's Creek Biota TMDL Implementation

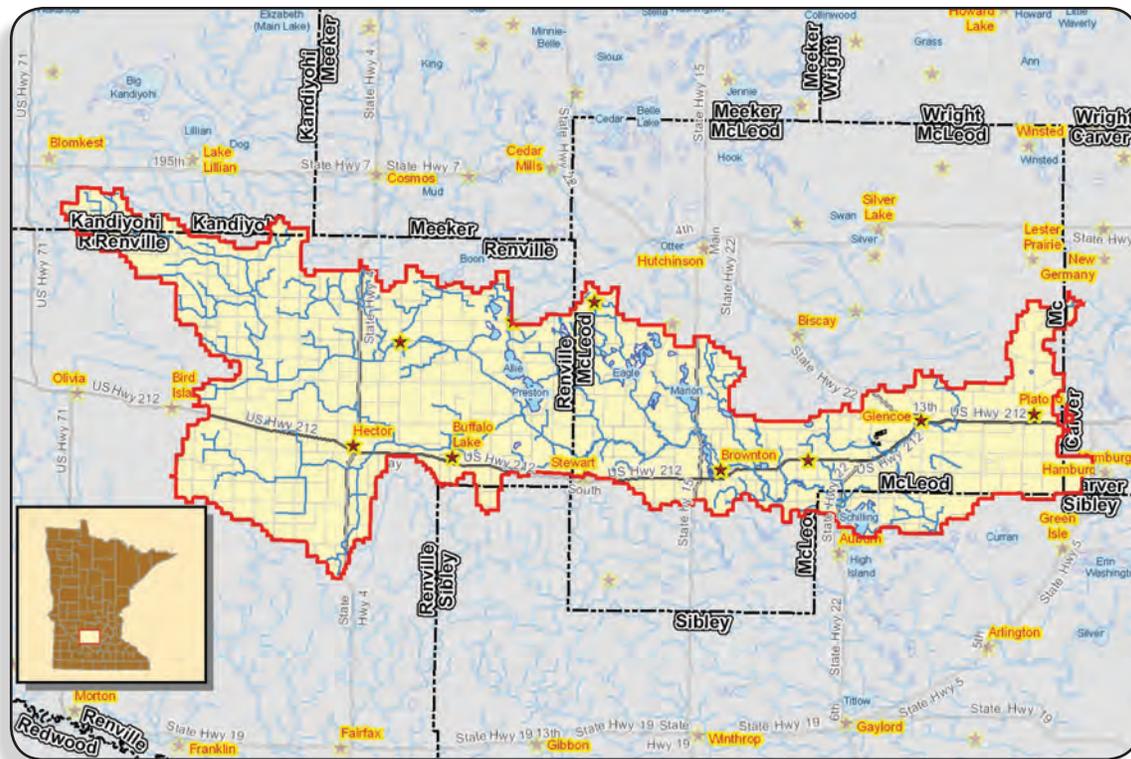
Benz Lake Management Plan Implementation

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total 2007 Expenditures | \$854,056 |
| Management / General Administrative | \$87,618 |
| Data Collection / Monitoring | \$81,428 |
| Permitting / Regulatory Programs | \$232,495 |
| Projects / Implementation | \$250,686 |
| Water Management Programs | \$201,829 |

Buffalo Creek

WATERSHED DISTRICT



GENERAL INFORMATION

Established: January 30, 1969
by citizen petition

PO Box 55
Glencoe, MN 55336
Phone: (320) 864-6250
www.bcwatershed.org

Included Counties: McLeod, Renville,
Sibley, Carver, Kandiyohi

District Size: 422 square miles

Major Lakes: Eagle, Allie, Marion,
Whitney, Preston

Number of Staff: 1 part-time

2008 Taxable Market Value (TMV):
\$1,427,095,400

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|---------------------|----------|---|----------------|
| Donald Belter | President | McLeod | 43540 180th St, Glencoe, MN 55336 | (320) 864-6250 |
| George Schlagel | Vice President | Renville | 54231 870th Ave, Buffalo Lake, MN 55314 | (320) 587-8562 |
| Charles Kubesh | Secretary | Renville | 52481 850th Ave, Buffalo Lake, MN 55314 | |
| Larry Phillips | Treasurer | McLeod | 8495 Ideal Ave, Glencoe, MN 55336 | (320) 864-4142 |
| Corey Henke | Financial Secretary | McLeod | 13031 County Rd 7, Stewart, MN 55385 | (320) 587-9143 |



Rock gabion baskets and bendway weirs were installed to stabilize a segment of Buffalo Creek in Collins Township.

RECENT PROJECTS

Lake Allie Desilting Basin Project — constructed a sediment basin for Lake Allie to reduce the sediment contributions of CD#132. Project has been completed.

Tom Maiers Project — re-shaping of banks to stabilize a segment of the Buffalo Creek streambank in Collins Township. Project has been completed.

Buffalo Creek Streambank Restoration Project — to stabilize the eroding creek bank in a segment of Buffalo Creek in Bergen Township, McLeod County. Eroded banks were reshaped to provide a flatter slope, using field stone for rock rip rap and installed bendway weirs. The project has been completed.

Jim Sondergaard Project — stabilized creek banks in a segment of Buffalo Creek in Collins Township by reshaping and installing rock gabion baskets and bendway weirs. The project has been completed.

Cost-Share on Buffer Strips Project — to provide a \$100/acre incentive to landowners for the installation of CRP-eligible and non-CRP-eligible harvestable buffer strips along the Buffalo Creek and its tributaries.

FUTURE PROJECTS

As an ongoing project we are continually working with landowners in our rural and urban areas to assist in the installation of rain gardens to help with runoff.

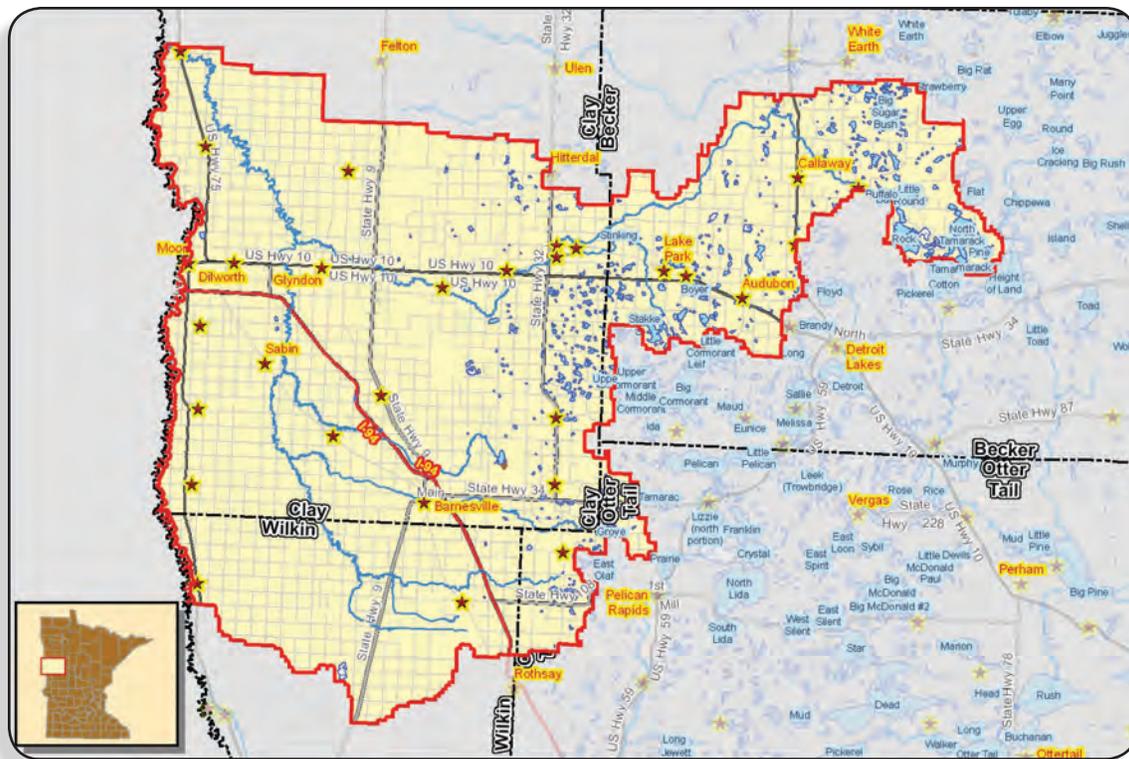
Clearing of deadheads and downed trees in the Buffalo Creek channel to make a more navigable stream.

2007 EXPENDITURES

| | |
|--|--------------|
| Total 2007 Expenditures | \$322,470.76 |
| Management / General Administrative | \$39,234.88 |
| Project Implementation & 319 Grant Funds | \$259,004.48 |
| Water Management Programs | \$17,350.00 |
| Dues, Insurance, Fees | \$6,881.40 |

Buffalo-Red River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: August 30, 1960
by citizen petition

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

www.brrwd.org
brrwd@villemn.net

Included Counties: Clay, Becker, Wilkin,
Otter Tail

District Size: 1,379 square miles

Legal Drainage Systems: 65, totaling
373 miles

Number of Staff: 2

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

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|---------------------|---------------|--------|--|----------------|
| Roger G. Ellefson | Chairman | Wilkin | 2458 120th St, Barnesville, MN 56514 | (218) 493-4334 |
| Gerald L. VanAmburg | Vice Chairman | Clay | 2414 S Rivershore Dr, Moorhead, MN 56560 | (218) 236-7659 |
| Curtis M. Nelson | Treasurer | Clay | 22777 120th Ave S, Barnesville, MN 56514 | (218) 937-5435 |
| John E. Hanson | Secretary | Becker | 19532 232nd St, Audubon, MN 56511 | (218) 439-6727 |
| E. Robert Olson | Manager | Clay | 294 44th Ave S, Moorhead, MN 56560 | (218) 236-8871 |

RECENT PROJECTS

“Watershed District of the Year” — named by the Minnesota Department of Natural Resources (DNR) in 1991, 1997, and again in 2005.

2006 Moorhead Interstate-94 Flood Control Project — designed to alleviate flooding in Sections 24/25, Moorhead Township, located south of the city. The pProject diverts water away from the city into Clay County Ditch No. 41.

Clay County Ditch No. 68 Project — a 1.5 mile waterway improvement project for the city of Glyndon includes channel restoration, bufferstrips, and enlarging a number of structures. Completed in 2006.

Farmstead Ringdike Program — in conjunction with DNR Waters FDR grants, provides flood damage protection for approximately 20 properties.

“2002 Project of the Year” — named by the Minnesota Association of Watershed Districts (MAWD), a project made by emergency declaration to lower Turtle Lake to the Ordinary High Water Level (OHLW) by means of a siphon system. The lake reached its OHLW on 12/07/00. Subsequent wet conditions have made it necessary to continue summer siphon operation.

“2006 Project of the Year” — named by MAWD, Whisky Creek Tributaries, located north and west of Barnesville, includes a flood water impoundment, channel restorations, set-back levees, bufferstrips, diking, and wetland restorations. Completed in 2005.

Clay County Ditch No. 59 — petitioned for in 2000, this nine-mile improvement/extension project located in Kragnes, Flowing, and Morken Townships, addressed gradeline problems, changed several inadequate structures, and included one-rod grassed bufferstrips. Completed in 2004.

The Clay County Ditch No. 53 — located in Holy Cross and Alliance Townships, this project included improving the ditch system hydraulic capacity to handle a 10-year runoff event, center line structure replacements, and right-of-way acquisition with bufferstrips. Completed in 2004.

The Moorhead/Dilworth/Hawley EDA Projects — started after a 1993 summer flood, the development of five flood control projects were assisted by a \$2.7 million Economic Development Authority (EDA) grant. Total project costs were in excess of \$5 million.

The Deerhorn Levee Project — designed to reduce flood damages and to provide for a storage area between the



The Barnesville High School River Watch Team, sponsored by the BRRWD, received the Minnesota Rural Education Association's highest award in 2008. State Education Commissioner Alice Seagren (front row, left) presented the award.

levees to impound floodwaters. The levees begin in Prairie View Township and follow both sides of Deerhorn Creek for approximately nine miles to the confluence with Buffalo River in Wilkin County. Completed in 2001.

The Georgetown Levee Project — requested in 1998, following the 1997 spring flood. The city of Georgetown petitioned for a flood control project to construct earthen flood control levees around the city. Completed in 2000.

FUTURE PROJECTS

Flood Control Project in Oakport Township — a permanent earthen levee system that will protect around 400 homes along Oakport Coulee and the Red River, north of Moorhead. The District is working on home buyouts within the proposed dike alignment and the engineer is preparing a final dike design.

Manston Slough Restoration Project — includes a low-hazard classification dam, 1,320 acres of wetland restoration, a water level control structure to manage wetland elevations, and an upland watershed treatment to control erosion and improve water quality. The Governor's Clean Water Initiative Cabinet chose the project as a Red River Basin Pilot Project.

Wolverton Creek/Comstock Coulee — a DNR-protected watercourse with a drainage area of 105 square miles has chronic flooding/erosion problems. The District formed a special committee to continue work on this project. In the fall of 2006, the Clay and Wilkin SWCDs received a Clean Water Legacy grant to gather data regarding channel elevations, structures, and outlet repair.

Riverton Township Retention Project — located on the Nature Conservancy property upstream of the city of Glyndon and has a 6.3 square mile drainage area. It includes a low hazard classification dam, upland wetland restorations, and watershed treatment to control erosion and improve water quality.

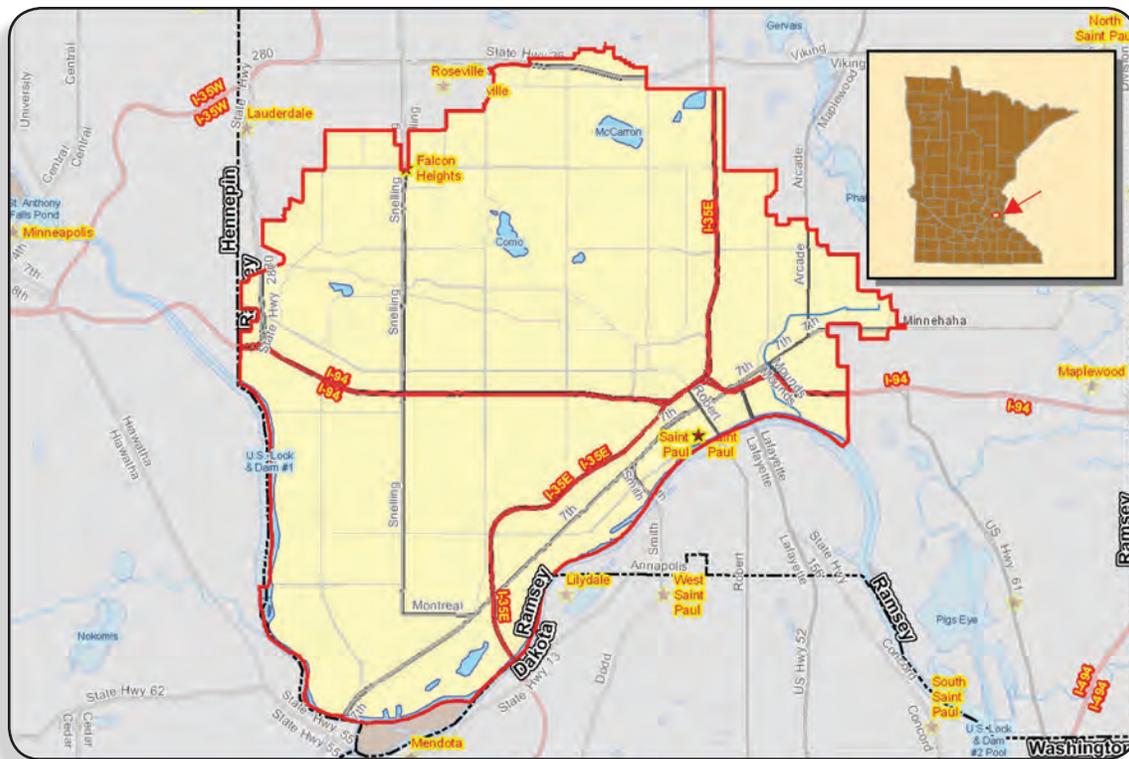
2007 EXPENDITURES

2007 expenditures not provided - please contact the district for budget information.



Capitol Region

WATERSHED DISTRICT



GENERAL INFORMATION

1410 Energy Park Dr, Suite 4
St Paul, MN 55108

Phone: (651) 644-8888

Fax: (651) 644-8894

www.capitolregionwd.org

Included Counties: Ramsey

District Size: 40 square miles

Major Lakes: Como, Crosby, Loeb,
McCarrons

Number of Staff: 9

2008 Taxable Market Value:
\$19,788,596,700

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|----------------|--------|--|----------------|
| Robert Piram | President | Ramsey | 631 S Hamline, St Paul, MN 55116 | (651) 699-4283 |
| Joseph Collins | Vice President | Ramsey | 534 W Orange Ave, St Paul, MN 55117 | (651) 488-5108 |
| Seitu Jones | Secretary | Ramsey | 629 Kent St, St Paul, MN 55103 | (651) 470-7554 |
| Marylyn Deneen | Ed/Information | Ramsey | 1021 W. Larpenteur Ave, Roseville MN 55113 | (651) 488-1426 |
| Michael Thienes | Treasurer | Ramsey | 284 S McCarrons Blvd, St Paul, MN 55113 | (651) 489-1998 |

RECENT PROJECTS

Grants — 17 Stewardship Grants treating 2.25 acres totaling \$31,000 were awarded in 2007. Fourteen wells were sealed in 2007 through the Abandoned Well Sealing Grant Program.

Trout Brook Stormwater Interceptor Sewer (TBI) — an inspection was completed of the 5.45 miles of the Trout Brook System including the mainline, west extension, and east extension. Repairs of the Willow Reserve section of Trout Brook have been completed consistent with 10-year CIP and inspection.

Arlington Pascal Storm Water Improvement Project — a monitoring program was developed for the raingardens, infiltration trenches, underground infiltration facilities and golf course pond; and monitoring began on the raingardens, trenches and underground facility. The BWSR grant for Arlington Hamline Underground Stormwater Facility was completed and funds disbursed to the District.

Water Quality Monitoring — in 2007 the District monitored a total of 16 stormwater runoff sites. These included the inlet and outlet of the Villa Park Wetland that was previously operated by Ramsey County, and the inlet and outlet of the Sarita Wetland on the U of M campus. Loeb, Crosby, Como and McCarrons Lakes had water level stations installed to measure the flow out of the lakes. The District continued the stormwater pond level program in 2007. This effort measured the rise and fall of water levels in four stormwater ponds to help analyze flows in the Trout Brook system. Precipitation was measured with an automated rain gauge at the following locations: MNDOT maintenance facility in Maplewood, the Highland Golf Course, Villa Park wetland, and at the CRWD office.

Strategic Planning — the District completed a strategic planning process in 2007 prior to beginning Watershed Management Plan update in 2008.

Education — CRWD staff continue to visit classrooms within the District, through classroom presentations, resource assistance and field trips. They also provide technical assistance for environmental learning and service projects, an important hands-on component of encouraging the youngest stewards. Staff hold regular raingarden workshops, presentations on water quality improvement, a green roof workshop, and a talk on the expected effects of climate change on water resources. In 2008 fishing lessons and macroinvertebrate exploration events were held at Loeb Lake and Como Lake. CRWD staff also participated in quarterly



Fourth graders sample water from Loeb Lake.

meetings and an ad hoc steering committee of the Blue Thumb Partnership, and maintains active membership in Metro WaterShed Partners.

Lakes — a monitoring plan was implemented for the Villa Park weirs in 2007 to determine the source of total phosphorus loading in the wetland during base flow, and to determine the cause and effectiveness of phosphorus removal. Monitoring was completed in 2008. Work also began on the Loeb Lake management plan. Additionally, a natural resources inventory for the Willow Reserve was completed.

FUTURE PROJECTS

Watershed Plan — in 2009 CRWD will continue to develop a ten-year Watershed Plan that will:

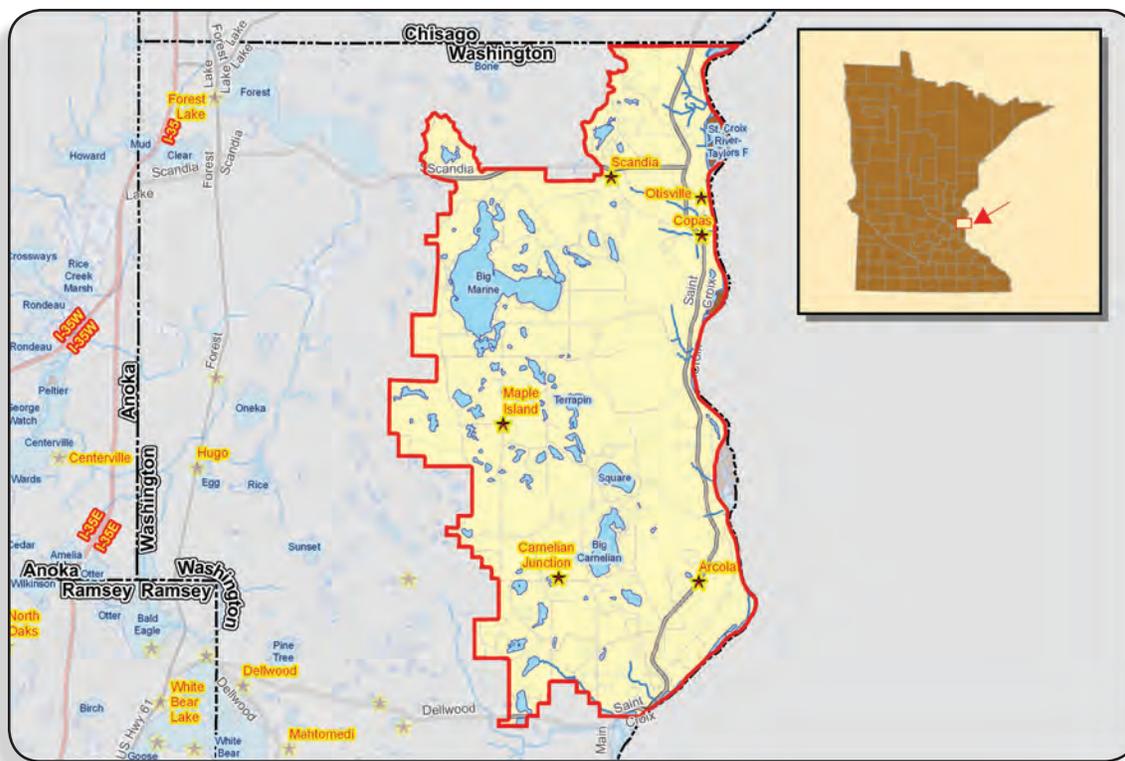
- Recommend and prioritize water quality and quantity improvement projects, based on CRWD modeling and monitoring results
- Recognize the challenges of water quality improvement in a highly urbanized watershed and recommend and prioritize unique and creative approaches to watershed management
- Recommend and prioritize District programs for improved watershed awareness
- More effectively define the respective roles and responsibilities between CRWD and the local units of government, other agencies, and other organizations
- Address emerging challenges posed by federal Clean Water Act requirements for impaired waters (those with quality too poor for their designated uses)

2007 EXPENDITURES

| | |
|-------------------------------------|-------------|
| Total 2007 Expenditures | \$3,424,119 |
| Management / General Administrative | \$274,250 |
| Data Collection / Monitoring | \$220,441 |
| Permitting / Regulatory Programs | \$122,558 |
| Projects / Implementation | \$2,393,174 |
| Water Management Programs | \$ 413,696 |

Carnelian-Marine St. Croix

WATERSHED DISTRICT



GENERAL INFORMATION

Established: June 22, 1981 by Washington County petition

PO Box 188
Scandia, MN 55073

Phone: (651) 433-2150
<http://cmscwd.org>

Included Counties: Washington

District Size: 81 square miles

Major Lakes: Big Marine, Big and Little Carnelian, Square

Number of Staff: 1

2008 Taxable Market Value:
\$1,535,282,200

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|--------------------|--------------|------------|---|----------------|
| Richard Kronmiller | President | Washington | 13450 188th St N, Marine, MN 55047 | (651) 433-4042 |
| Victoria Dupre | VP/Treasurer | Washington | 13510 Norell Ave N, Stillwater, MN 55082 | (651) 439-8266 |
| John Bower | Manager | Washington | 12405 Otchipwe Ave, Stillwater, MN 55082 | (651) 430-2793 |
| Richard Caldecott | Manager | Washington | 33 Moonlight Bay, Stillwater, MN 55082 | (651) 439-7385 |
| Jason Husveth | Manager | Washington | 17085 Olinda Trail N, Marine on St. Croix, MN 55047 | (651) 433-4410 |
| John Lennes, Jr. | Manager | Washington | 16720 Norell Ave N, Marine, MN 55047 | (651) 433-3063 |
| Thomas Polasik | Manager | Washington | 14420 94th St N, Stillwater, MN 55082 | (651) 430-0263 |

RECENT PROJECTS

District Enlargement — in 2007 BWSR approved a Washington County petition to enlarge the district to include the former Marine Watershed Management Organization and the northeasterly corner of the county. The Board of Managers hired the District’s first administrator in January 2008 and approved a plan to integrate the new area into the District’s activities.

District Education Program — informing residents and policy makers about how our actions can impact water resources is the purpose of the education program. Most of the District’s plans and studies have an educational component, and the District produces newsletters and administers a Volunteer Stream Monitoring Program and a Watershed Wisdom Program, which teaches watershed concepts to elementary school students.

Best Management Practices (BMPs) Program — provides technical and financial assistance primarily to residents in the implementation and installation of stormwater BMPs. The program addresses improvement and protection of water quality, soil erosion and sedimentation, improvement of habitat and biodiversity, and the aesthetics of native vegetation.

Review, Comment and Permit Program — provides dialogue between developers and local land-use authorities so that developers understand District permit requirements. This helps resolve possible conflicts early in the design process and increases compliance with requirements that protect water quality.

Annual Lake and Stream Water Quality and Quantity Monitoring Program — provides data that is used to identify problem trends, evaluate the status of the resource being monitored, prioritize activities, and determine the District’s success in meeting management goals

Silver Creek Corridor Management Plan — established in 2004, the plan features specific management recommendations for each reach of Silver Creek to provide a protective corridor. The District is currently implementing priority recommendations via BMP programs, neighborhood groups, and grant solicitation.

Strategic Plan — in 2008, with several new members, the Board worked with consultant Steve Hobbs to complete a strategic planning process to facilitate the beginning of the District’s 10-year plan.

10-year plan kickoff — the District sponsored a Healthy Waters and Heritage Fair with several other organizations,



A student in the Watershed Wisdom Program helps restore wetland vegetation along a restored trout stream.

including William O’Brien State Park and Great River Greening, to celebrate the 40th anniversary of the Wild and Scenic Rivers Act and the start of the District’s two-year long planning process.

12 lakes TMDL phase 1 — in July 2008, the District received funding to begin a TMDL study of its 12 impaired lakes. Working with its engineer and the local SWCD, the District intensified its monitoring effort on those water bodies and began a comprehensive public involvement process.

FUTURE PROJECTS

Phases 2 and 3 of 12 lakes TMDL — the District will continue the TMDL study, model the effected sub-watersheds, and explore cost-effective implementation strategies to de-list impaired waters.

Square Lake Storm Water Demonstration Project — with grant funding from the DNR, the District will work with county parks and the local SWCD to construct an interactive and instructive stormwater facility in popular Square Lake Park.

Farm Lot Restoration — after many years of negotiations, work will begin in 2009 to move and rebuild a feedlot operation away from the shores East Boot Lake, one of the District’s impaired waters.

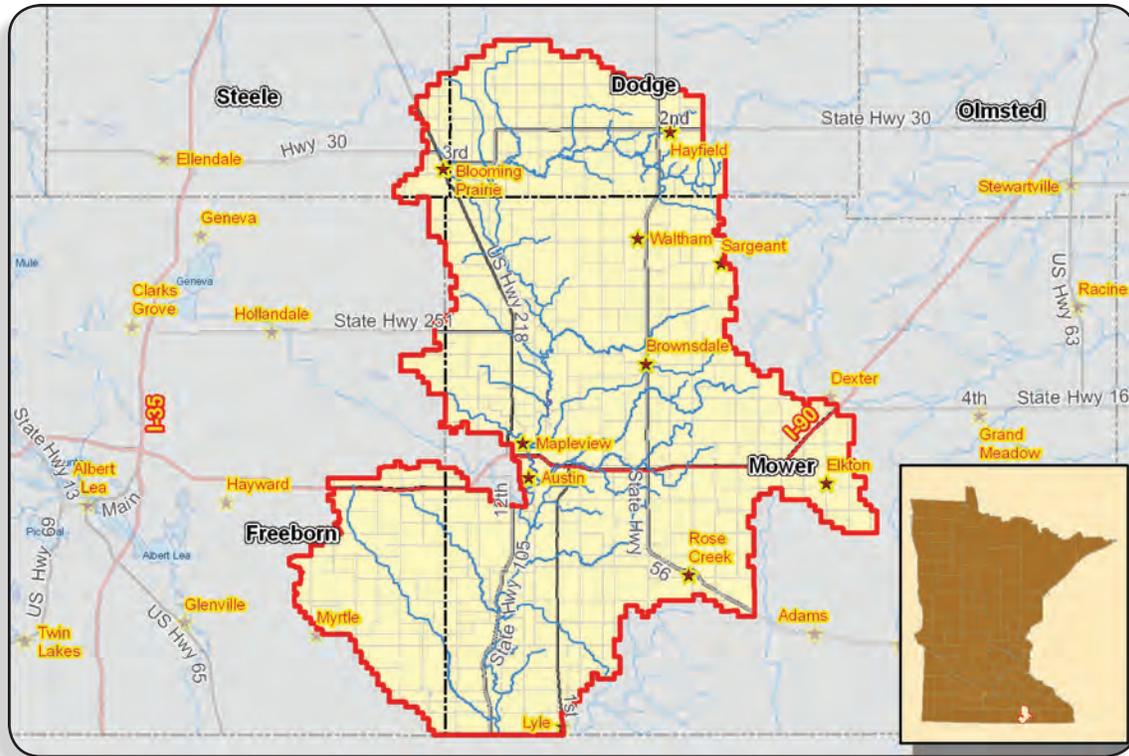
2007 EXPENDITURES

| | |
|------------------|-----------|
| Total | \$448,558 |
| Project and Plan | \$152,439 |
| Education | \$9,828 |
| Engineering | \$210,016 |
| Manager | \$15,494 |
| Administrative | \$60,781 |



Cedar River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: April 25, 2007
by county petition

1408 21st Ave NW
Austin, MN 55912
Phone: (507) 434-2603
www.cedarriverwd.org
bev.nordby@mn.nacdnet.net

Included Counties: Steele, Dodge,
Mower, Freeborn

District Size: 435 square miles

Major Lakes/Water Bodies: Cedar
River

Number of Staff: Contracts with
SWCD

2008 Taxable Market Value (TMV):
\$1,881,600,400

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|-----------|----------|---|----------------|
| Dan Regner | President | Mower | 2015 - 7th Ave SE, Austin, MN 55912 | (507) 433-7018 |
| Jim Gebhardt | Chair | Mower | 31776 - State Hwy 56, Waltham, MN 55982 | (507) 477-2184 |
| Mike Jones | Treasurer | Steele | 141 Main St, Blooming Prairie, MN 55917 | (507) 583-7573 |
| Al Kording | Manager | Dodge | PO Box 1068, Hayfield, MN 55940 | (507) 477-3362 |
| Steve Kraushaar | Secretary | Freeborn | 86392 - 160th St, Glenville, MN 56036 | (507) 437-1531 |
| Al Lyman | Manager | Mower | 24069 - 547th St, Austin, MN 55912 | (507) 437-1297 |
| Harlen Peck | Manager | Mower | 52958 - 162nd St, Austin, MN 55912 | (507) 437-6688 |



Cedar River

RECENT PROJECTS

10-Year Watershed Plan – since the District was established in 2007, staff and board members are currently working hard to complete the District’s 10-year watershed plan.

Rain Garden Demonstration Site — the CRWD designed and constructed a raingarden at the JC Hormel Nature Center. This raingarden filters the runoff from the parking lot before outletting into Dobbins Creek. The key to the success of the project was that there were so many partners that donated funds, staff time, and materials. Partners included: City of Austin, Mower County, local contractors and businesses, Staff and Friends of the Nature Center, USDA Natural Resources Conservation Service, and Mower Soil and Water Conservation District (SWCD).

TMDL for Turbidity — partnering with Mower SWCD, Turtle Creek WD, and Shell Rock WD in doing a TMDL study for turbidity. This three-year project will be completed in 2011.

Monitoring — applied for and received an MPCA grant to start a comprehensive monitoring program throughout the watershed. Baseline data will be established by monitoring 14 sites throughout the watershed for two years.

Stream Survey — applied for and received funding for the MN Conservation Corps to do a stream study of the Cedar River and its tributaries. The survey included an inventory of streambank erosion, stream impediments, and land-use next to the stream.

Flood Reduction — secured six wetland restorations in the watershed through local-state-federal partnerships: Conservation Reserve Enhancement Program (CREP II) and Reinvest In Minnesota (RIM) Reserve / USDA NRCS Wetlands

Reserve Program (RIM/WRP) by partnering with the Mower SWCD/NRCS. These sites not only restore valuable wetlands, but have built in water storage for rain events.

FUTURE PROJECTS

Dobbins Creek Watershed — applied for and received a grant from BWSR for agricultural watershed restoration for the subwatershed of Dobbins Creek. Dobbins Creek has become a priority because of the stream being so flashing during flood events.

TMDL — complete study for turbidity and assist with the implementation plan.

10-Year Watershed Plan – the draft plan will be taken out to the public, townships, and cities in the watershed for their input.

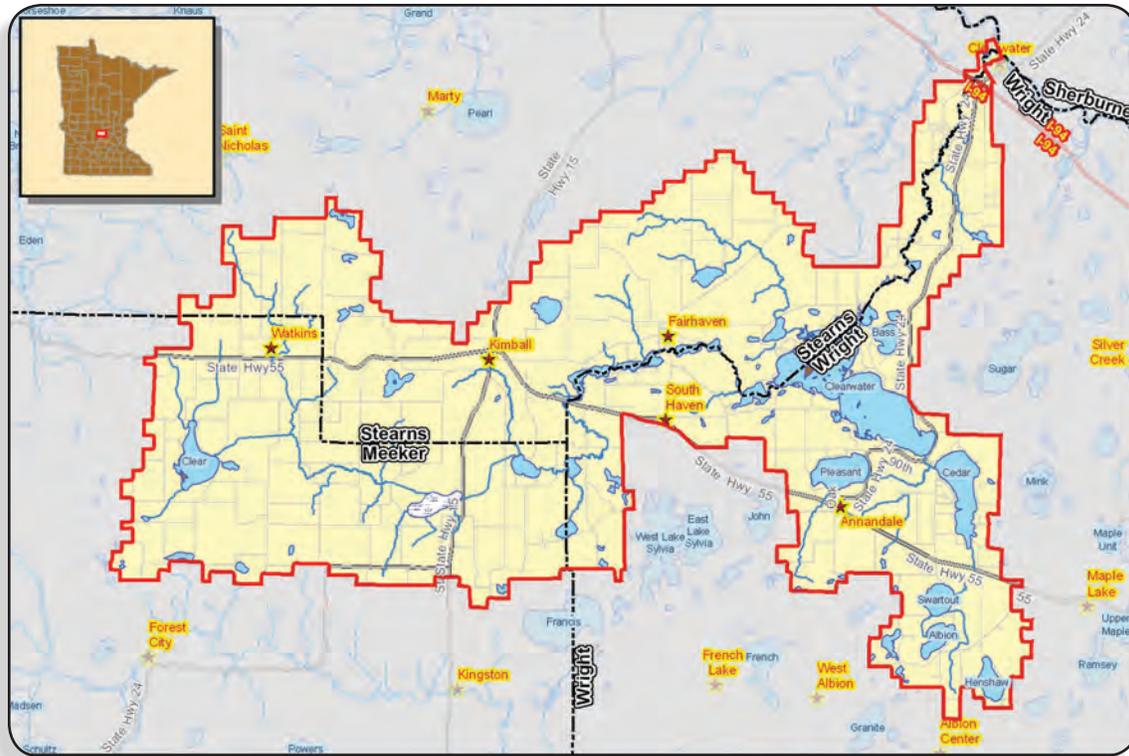
Flood Reduction and Buffers — continue to support conservation easements for wetland restorations and also researching other means to slow the flows of the rivers and streams in the watershed.

2007 EXPENDITURES

| | |
|-------------------------------------|----------|
| Total 2007 Expenditures | \$23,315 |
| Management / General Administrative | \$12,650 |
| Data Collection / Monitoring | \$2,344 |
| Projects / Implementation | \$8,321 |

Clearwater River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: April 9, 1975
by citizen petition
25 Chestnut St W
Annandale, MN 55302
Phone: (320) 274-3935
Fax: (320) 274-5318

www.crw.org
Included Counties: Stearns, Meeker,
Wright
District Size: 159 square miles
Number of Staff: 4, contracted

Clearwater River: 46 miles
Major Lakes: Clearwater, Bass, Pleasant,
Caroline, Cedar
2008 Taxable Market Value (TMV):
\$1,333,168,200

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|---------------------|-----------|---------|--|----------------|
| Marvin Brunsell | Chair | Wright | 9701 Jeske Ave NW, Annandale, MN 55302 | (320) 274-5018 |
| Roland Froyen | Manager | Wright | 633 Beachwood Rd, South Haven, MN 55382 | (320) 274-6414 |
| Robert Schiefelbein | Treasurer | Meeker | 35359 732nd Ave, Kimball, MN 55353 | (320) 398-8400 |
| Mark Kampa | Secretary | Wright | 13934 101st St NW, South Haven, MN 55382 | (320) 274-5332 |
| Jerry Risberg | PR&I | Stearns | 231 Alder Rd, South Haven, MN 55382 | (320) 274-3635 |

RECENT PROJECTS

Stormwater Management BMPs — formed partnership with townships to incorporate stormwater management BMPs on Norton Avenue (completed in 2007) and 145th Avenue (completed in 2008).

Total Maximum Daily Load (TMDL) Phase I, II, and Addendum — completed in 2004. Collected monitoring data show 30-90% TP reductions necessary in watershed lakes.

Rain Garden and Lakescaping Incentive Policy and Program — initiated in 2005 to filter out pollutants and runoff that degrade water quality and reduce shoreline erosion. For this program, the District coordinates with the Department of Natural Resources (DNR) for grant money and with the local Soil and Water Conservation districts (SWCDs) for technical assistance.

Agricultural Land Buffer Incentive Policy and Program — initiated in 2005 to reduce the transport of nutrients, pesticides, and sediments that degrade water quality in agricultural areas.

Cedar, Albion, Swartout, Henshaw Lakes Water Quality Improvement Project — initiated in 2006 to increase water clarity, decrease nutrient concentrations, and decrease the frequency and intensity of nuisance algae blooms in Cedar Lake. This unique project features Segner Ponds, which use filter berms to remove soluble phosphorus. The ponds went online in 2008.

Nistler Sediment Basin Expansion Project — initiated in 2006 to enhance the control and filtration of sediment.

Clearwater Harbor Area Wastewater Treatment Facility — 82 hookups in 2007.

Wandering Ponds Estates Development Wastewater Treatment Facility — 12 hookups in 2007.

Lake Louise Hills Development Wastewater Treatment Facility — to be constructed in 2009.

FUTURE PROJECTS

Total Maximum Daily Load (TMDL) Five Lakes — will be completed in 2009.

Cedar, Albion, Swartout, Henshaw Lakes Water Quality Improvement — will continue in 2007 and will be used to reduce the high concentration of phosphorous in the lakes.



Segner Ponds use unique filter berms to remove soluble phosphorus from incoming water before it enters Cedar Lake.

TMDL Implementation — planned for 2010 and beyond.

Public Outreach & Education — ongoing

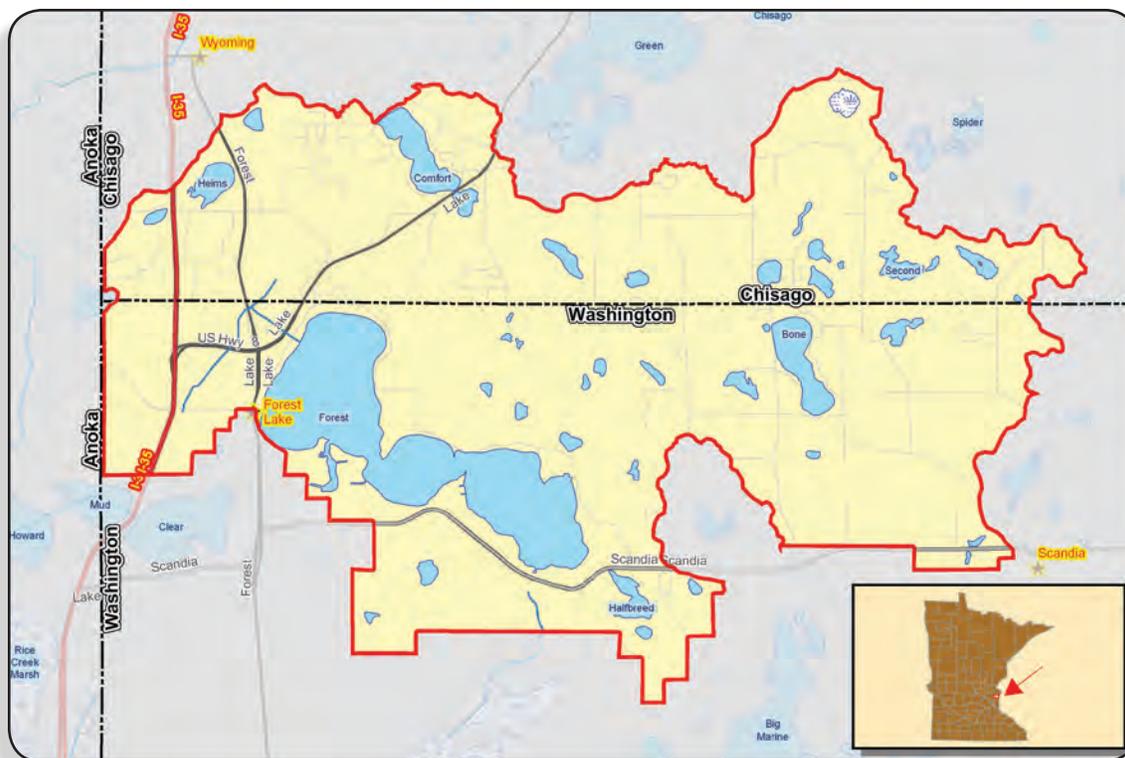
Additional Wastewater Treatment projects — selected implementation within the 41 identified service areas.

2007 EXPENDITURES

| | |
|---|-----------|
| General Government | \$103,745 |
| Education, Advisory and Website | \$14,167 |
| Water Quality Projects | \$33,445 |
| Data Acquisition and Monitoring | \$26,652 |
| Total Tax-Supported Programs | \$178,009 |
| Water Quality Projects (financed by grants - TMDL) | \$71,095 |
| Water Quality Programs (financed by special assessments) | \$119,692 |
| New Water Quality (Cedar) (financed by special assessment) | \$117,383 |
| Sanitary Sewer Maintenance (not including depreciation) | \$35,861 |
| Grand Total | \$522,040 |

Comfort Lake-Forest Lake

WATERSHED DISTRICT



GENERAL INFORMATION

Established: September 23, 1999.
Established by citizen petition with county, township, and city support resolutions.

220 N Lake St.
Forest Lake, MN 55025

Phone: (651) 209-9753
www.clflwd.org
randy.anhorn@clflwd.org

Included Counties: Chisago,
Washington

District Size: 47.0 square miles

Major Lakes: Comfort, Forest, Bone,
Little Comfort, Shields and Sylvan

Number of Staff: 1

2008 Taxable Market Value:
\$2,006,556,200

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|----------------|------------|---|----------------|
| Richard Damchik | President | Washington | 9109 North Shore Trail, Forest Lake, MN 55025 | (651) 464-5890 |
| Jackie Anderson | Vice President | Chisago | 25484 E Comfort Dr, Forest Lake, MN 55025 | (651) 462-3734 |
| John Lynch | Treasurer | Washington | 920 15th St SE, Forest Lake, MN 55025 | (651) 464-3022 |
| Wayne Moe | Secretary | Washington | 22877 Mallard Ave N, Scandia, MN 55073 | (651) 433-4968 |
| Jon Spence | Manager | Chisago | 25582 E Comfort Drive, Chisago City, MN 55013 | (651) 462-4800 |

RECENT PROJECTS

Best Management Practice Cost-Share Incentive Program — established via petition from the Washington Conservation District (WCD) to undertake BMP projects, including shoreland restoration and rain gardens, to improve water quality. Projects in 2008 included one raingarden, one vegetative drainage swale, and four shoreline restorations.

Legislation Designating District as a Metro Watershed — the District was successful in achieving statutory designation as a metro watershed under Minnesota Statutes Chapter 103B. In order to fulfill 103B requirements, the District also had its watershed management plan revision approved by BWSR in 2008.

Rules/Permitting Program — completed proposed rules and permitting program in late 2008. Permitting began in early 2009.

Total Maximum Daily Load Study — initiated TMDL study on six impaired waterbodies in 2008, scheduled to be completed in early 2009.

Capital Improvement Plan — in 2008, the District completed and adopted a 15-year capital improvement plan to remediate six impaired waterbodies.

Watershed-Wide Load Allocation — in 2008, the District completed a watershed-wide nutrient load allocation modeling effort to determine load allocations to lakes.

Baseline Monitoring Program — continued a baseline monitoring program using WCD staff and volunteers to collect in-lake and tributary water quality information. The District’s monitoring program will be used as part of its adaptive management approach to monitor results throughout its CIP process.

Internal Financial Control Manual — to document internal financial and accounting procedures, assist in staff and manager trainings, and assist in budgeting, reporting, and financial review/audits, the District developed an internal financial control manual in 2008.

Education Outreach Program — to educate the public on water resource issues, the District developed a website, hosted free nitrate testing days for well water and annual “Planting for Clean Water” workshops, presented various water resource management topics at numerous events, worked with local scout troops, contributed educational articles to local papers, and has become a member of the East Metro Water Resource Education Program.



A large shoreland restoration project on Bone Lake in partnership with the CLFLWD, Great River Greening, DNR, and two lakeshore owners on Bone Lake.

FUTURE PROJECTS

Implement 15-Year CIP — as part of the District’s CIP, two wetland restoration/cattle exclusion projects are scheduled to be undertaken in 2009-2010 in partnership with local Soil and Water Conservation Districts.

Update Watershed Management Plan — in order to complete its required watershed management plans update by 2011, the District will begin holding board and TAC/CAC workshops in 2010.

Continuation of BMP Cost-Share Incentive Program — the District will continue providing cost-share incentives to applicants undertaking BMP projects to improve water quality.

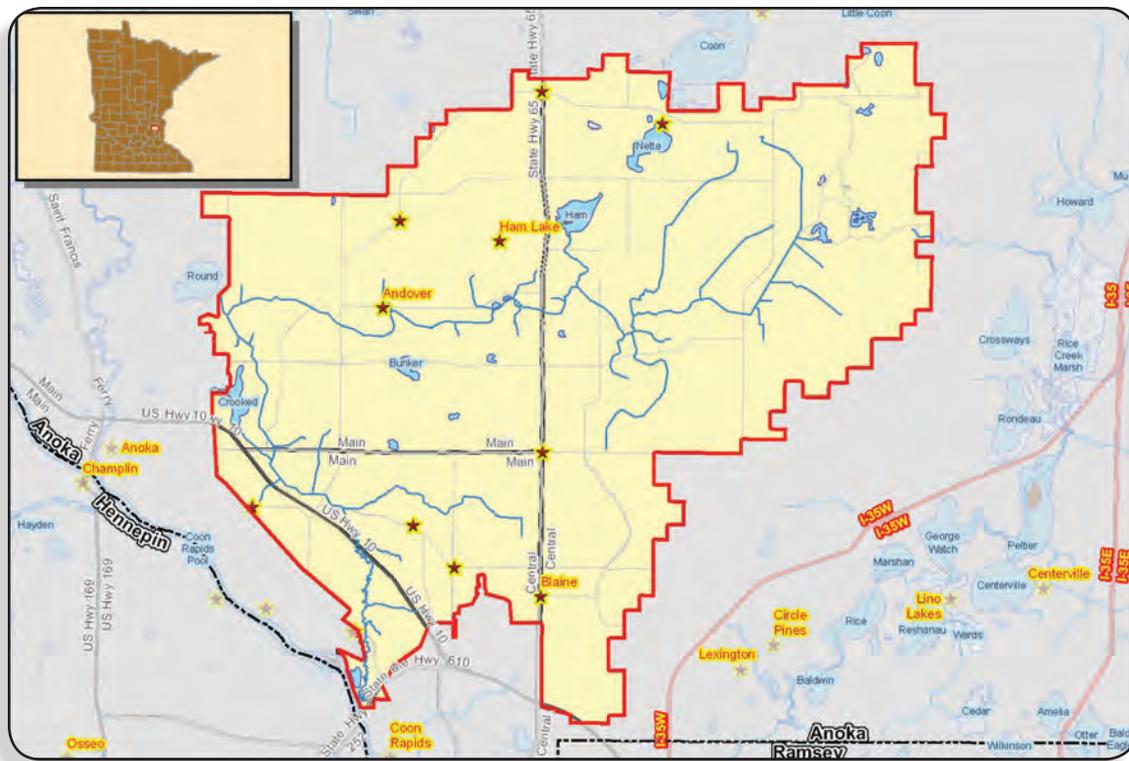
Initiate Permit Program — the District will implement its permit program to uphold its recently developed rules/standards in 2009.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total 2007 Expenditures | \$399,205 |
| Management / General Administrative | \$85,365 |
| Data Collection / Monitoring | \$49,757 |
| Permitting / Regulatory Programs | \$15,415 |
| Projects / Implementation | \$212,958 |
| Water Management Programs | \$35,710 |

Coon Creek

WATERSHED DISTRICT



GENERAL INFORMATION

Established: May 28, 1959
by citizen petition
12301 Central Ave NE
Suite 100
Blaine, MN 55434

Phone: (763) 755-0975
Fax: (763) 755-0283
www.cooncreekwd.org
tkelly@cooncreekwd.org

Included Counties: Anoka
District Size: 94 square miles
Number of Staff: 5
2008 Total Market Value (TMV):
\$10,810,623,300

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|----------------|-----------------|--------|--|----------------|
| Warren Hoffman | President | Anoka | 15740 Lexington Ave NE, Ham Lake, MN 55304 | (763) 434-5729 |
| Joseph Marvin | Vice President | Anoka | 13907 Eidelweiss, Andover, MN 55304 | (763) 427-1131 |
| Ted Capra | Secretary | Anoka | 2849 110th Ave NE, Blaine, MN 55449 | (763) 783-8533 |
| Bill MacNally | Treasurer | Anoka | 11801 Owatonna St NE, Blaine, MN 55449 | (763) 951-2667 |
| Byron Westlund | Member-At-Large | Anoka | 14332 Vermillion St NE, Ham Lake, MN 55304 | (763) 427-7500 |

RECENT PROJECTS

Coon Creek Water Quality Plan — coordinated technical and planning assistance for Blaine, Coon Rapids, and Andover Non-Degradation Plans. Available online at www.cooncreekwd.org, Plans & Reports (under Information).

Infiltration Basin Performance Study — since 2006, observations showed that infiltration basins were not performing to original design criteria. In 2008 five infiltration basins, including two rain gardens, were tested for performance, results quantified, and recommendations provided for meeting original design criteria (is available on District website).

Pervious Concrete Demonstration Grant at Blaine City Hall — in summer 2008 the city of Blaine received Coon Creek WD Demonstration Grant funds to offset the increased cost of using a LID technique. Pervious concrete was installed with overflow into a rain garden. This demonstration site has educational signage and is being monitored for performance.

Ultrasonic Algae Management Demonstration Grant — in fall 2008 the City of Blaine received Coon Creek Watershed District grant funds to evaluate the efficiency and effectiveness of ultrasonic treatment of algae using a system sized for each of two stormwater ponds where chemical treatment was deemed costly and ineffective. Ultrasound is purported to be environmentally benign to wildlife and macrophytes.

Crooked Lake Comprehensive Management Plan — in 2008, with support of the Crooked Lake Area Association, a fully comprehensive plan was completed by the District for the lake watershed. This plan had been recommended for this urban, shallow lake for more than 10 years. Management recommendations include strategies for improving water quality and controlling invasive species, and will be reported to the association membership and available online in 2009.

Sand Creek Storm Cleanup — the aftermath of a tornado on May 25, 2008, left numerous trees down along Sand Creek in the border area of Coon Rapids and Blaine. Amazingly, no immediate flooding occurred, but the potential was great. Tree cleanup required 12 crews initially and continued with six, then two crews for more than six weeks.

Oral History Stewardship Project — as Coon Creek Watershed District approaches its 50-year milestone since being established by citizen petition, oral histories of long-time residents have been digitally recorded. Initiated in 2007, these stories will be available for podcasting on the District website in 2009.



Screeding Pervious Concrete at Blaine City Hall Demonstration Site

FUTURE PROJECTS

Groundwater Study 2009-2010 — 3D map of the watershed from which groundwater elevations, modeling, and monitoring can be better assessed

Watershed Summit 2009 — a winter summit for city, county, and state staff working within the watershed; focus on physical and policy trends and their implications for operations.

Digital Ditch Profiles 2009-2014 — complete plan sets in CAD & GIS with current elevations and air photos.

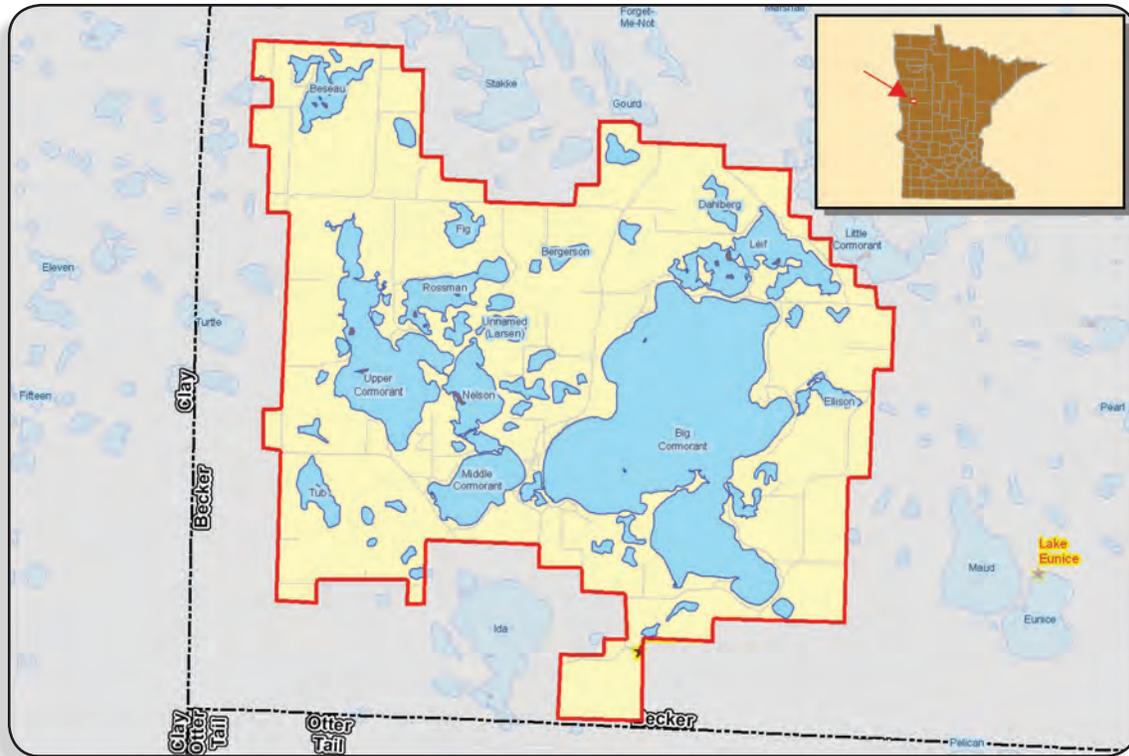
BMP Life Cycle Costing 2009 — cradle-to-grave costing of five of most common BMPs within CCWD and their effectiveness in treating water quality

2007 EXPENDITURES

| | |
|----------------------------|-----------|
| Total 2007 Expenditures | \$653,722 |
| Administration | \$37,237 |
| Regulation | \$254,294 |
| Planning | \$47,636 |
| Maintenance | \$234,083 |
| Research & Data Collection | \$19,776 |
| Public & Govt. Relations | \$60,696 |

Cormorant Lakes

WATERSHED DISTRICT



GENERAL INFORMATION

Established: August 22, 1966 by Becker County petition
 10929 Cty Hwy 5
 Pelican Rapids, MN 56572
 Phone: (218) 532-2723

Included Counties: Becker
 District Size: 37 square miles
 Major Lakes: Watershed is a chain of lakes

Number of Staff: 3 part-time
 2008 Taxable Market Value: \$370,222,100

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|----------------|-----------|--------|---|----------------|
| Ellis Peterson | President | Becker | 1670 County Hwy 16, Lake Park, MN 56504 | (218) 532-2104 |
| Jeff Moritz | Secretary | Becker | 12564 Tangelwood Rd, Audubon, MN 56511 | (218) 439-6044 |
| Jody Beaudine | Treasurer | Becker | P.O. Box 495, Lake Park, MN 56554 | (218) 532-7602 |

RECENT PROJECTS

Lake Shore Inspections Program — an intensive ongoing program to make regular inspections of the shore impact zone (50 feet) within each of the lakes of the district and work with landowners to prevent or reduce environmental damage.

Ordinary High Water (OHW) Elevation Markers — permanent reference markers placed at DNR public accesses, county parks and private property (with owner permission) on all major lakes within the District — in response to frequent requests by local residents, builders, and county officials to locate and mark the OHW.

Permanent No Wake Ordinance — a restriction on boating speed within 200 feet of lake shores to reduce damage to banks, channels, and nesting areas — a response to long periods when lake levels exceed ordinary high water marks and one that will reduce time-consuming and expensive temporary ordinances. The District is spearheading a project to bring local government units together to establish a permanent ordinance to be effective when the OHW is exceeded.

South Big Cormorant Erosion Control Project — completed in response to significant erosion and storm water/snowmelt problems, this project had two parts; one provided retention areas and installed an inlet receiver and piping system to condition the water prior to allowing it to flow into the lake; the other diverted storm water/runoff that normally flowed directly to the lake into a wetland area for filtration.

Spring Creek Culvert Replacement — completed in the fall of 2006, a new culvert system was installed to replace the failing one and to provide fish migration, increase water flow and reduce long term maintenance issues.

Blue Water Bay Engineering Study and Dredging Project — initiated in response to frequent boat traffic through a small channel between Blue Water Bay and Big Cormorant Lake. The District's DNR dredging permit was reissued to allow longer and deeper channel excavation.

Aerial Environmental Surveillance and Monitoring — completed in 2005 to locate several concern areas, where there was phosphorus migration into the lakes, non-compliance of septic systems and holding tanks, uncontrolled drainage, fire pit rings and burning in shore impact zone and inadequate storm water retention. At least three new projects will address the identified concern areas.

Environmental Damage Restoration — major projects completed by landowners of two lake properties, on Big Cormorant and Upper Cormorant Lakes, to remediate



Aerial environmental surveillance and monitoring

unauthorized land alterations and erosion problems as identified by the District in its rules and in a county ordinance.

Big Cormorant Lake Level Control Outlet Structure — operated under a DNR permit by the District to allow water to discharge from Big Cormorant Lake into Spring Creek and ultimately into Pelican Lake. Operation is initiated whenever the lake level is near the lake's established Ordinary High Water Level (OHW) — in 2006, from April until November.

FUTURE PROJECTS

Environmental Assessment and Engineering Study of the West Side of Bejou Lake — will be conducted to address water quality issues (identified by Aerial Environmental Surveillance) in Bejou Lake resulting from severe runoff/snow melt from adjacent road ditch and steep slope areas. The District is currently conducting an engineering review, after which it will assess the potential for environmental damage, determine a plan to resolve the issue and seek funding.

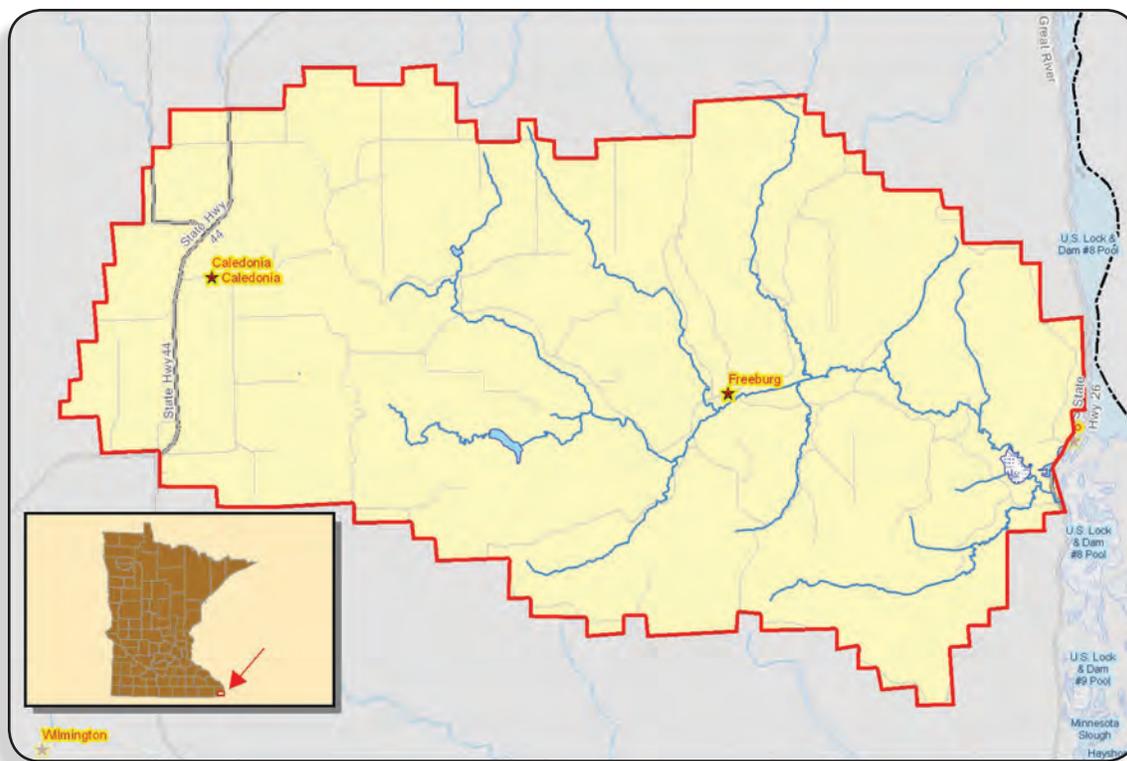
Middle Cormorant Lake Culvert Replacement — will replace a damaged existing culvert in a channel connecting Middle Cormorant into Big Cormorant that restricts access by a landowner. It will provide for future water movement and allow unencumbered access by the landowner. The District will conduct the engineering and the landowner will pay for the new culvert.

Septic System Evaluation Program — in conjunction with Becker County Zoning and Planning, the program will investigate existing septic systems and holding tanks at sensitive locations on Big Cormorant Lake. If successful this pilot-scale project will be expanded to other lakes within the District and County.

District Rules Re-evaluation and Citizens Education Program — will be performed by the District to make minor rules changes to address recurring water quality issues and problems resulting from new construction of homes, remodeling of structures, and landscape alterations within the impact zone.

Crooked Creek

WATERSHED DISTRICT



GENERAL INFORMATION

Established: December 1, 1959
by citizen petition

603 N Sprague Ste 1
Caledonia, MN 55921
Phone: (507) 724-5261

Fax: (507) 724-5448

Included counties: Houston
District Size: 70 square miles

Major Water Bodies: Crooked Creek

Number of Staff: 0

2008 Taxable Market Value (TMV):
\$257,115,800

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|------------------|---------------|---------|--|----------------|
| Wilfred Pohlman | Chairman | Houston | 202 Nelson Ct, Caledonia, MN 55921 | (507) 725-2136 |
| Dan Goetzinger | Reporter | Houston | 6352 Whitetail Dr, Caledonia, MN 55921 | (507) 724-3930 |
| Tim McCormick | Vice Chairman | Houston | 8705 County 3, Caledonia, MN 55921 | (507) 724-2471 |
| Robert Mierau | Secretary | Houston | 13598 Heinz Rd, Caledonia, MN 55921 | (507) 724-1106 |
| Maynard Welscher | Treasurer | Houston | 10008 County 14, Caledonia, MN 55921 | (507) 724-2483 |

RECENT PROJECTS

Four Large Earthen Dams — Crooked Creek Watershed District’s main purpose is to maintain four large earthen dams, which provide flood control in the watershed. Average slopes in the watershed are 8 to 10 percent, and some are as great as 16 percent. Distances from valley floors to tops of ridges are about 350 to 400 feet, so during flooding events, surface water tends to converge in valleys and cause damage to cropland and roads.

The dams were created in response to severe flooding in the 1940s and 1950s. They were built from 1965 to 1970 and range in height from 40-45 feet. The largest dam has a permanent pool of 30 acres near the South Fork of Crooked Creek and a drainage area of 8,100 acres. During significant flooding events, the pool can grow to about 90 acres. Maintenance includes annual inspections, clearing debris and grading and shaping pool areas as needed. The district hires an employee of the Root River Soil and Water Conservation District on a contract basis for these duties. Engineering is provided by the USDA Natural Resources Conservation Service on a contract basis.

Four Other Projects — the District also maintains two grade stabilization structures and two grassed waterways.

Flood Recovery — recently, the District completed flood recovery projects in partnership with the Minnesota Conservation Corps and local SWCDs using funds provided by a state Clean Water Legacy grant.

Sinkhole Repair — the District repaired a sinkhole that was created after the June 2008 flooding event.

FUTURE PROJECTS

The watershed district board of managers are in the planning stages of revising the district’s annual plan, which may include a proposal to build another flood-control structure.



2007 EXPENDITURES

| | |
|-------------------------|----------|
| Total 2007 Expenditures | \$12,913 |
|-------------------------|----------|

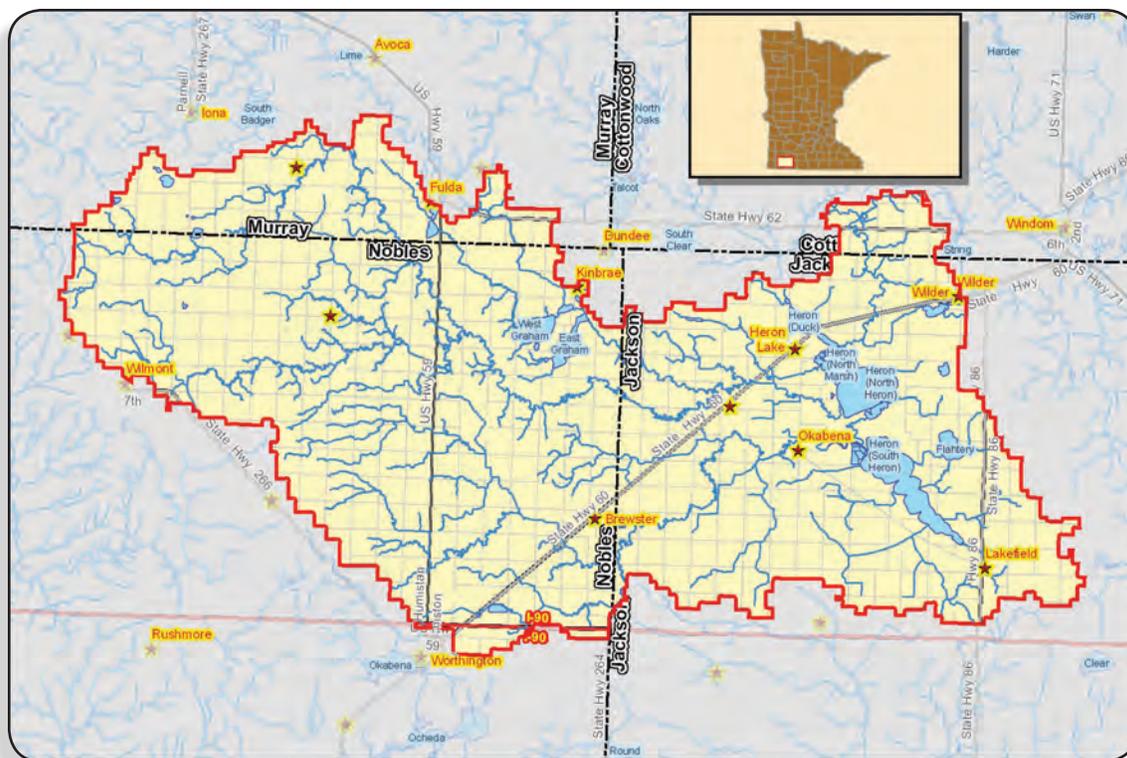
Heron Lake

WATERSHED DISTRICT



WATERSHED
ASSISTANCE
THROUGH
EDUCATION &
RESOURCES

HERON LAKE WATERSHED DISTRICT



GENERAL INFORMATION

Established: Feb. 25, 1970
by citizen petition

1008 3rd Ave., PO Box 345
Heron Lake, MN 56137
Phone: (507) 793-2462
Fax: (507) 793-2253
www.hlwdonline.org

hlwd@roundlk.net

Included Counties: Nobles, Jackson,
Murray, Cottonwood

District Size: 472 square miles

Major Lakes: Fulda Lakes 1 and 2, East
and West Graham, North and South
Heron, North Marsh, Duck

Number of Staff: 5

2008 Taxable Market Value:
\$1,045,968,700

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|----------------|----------------|---------|--|----------------|
| John Beardsley | President | Jackson | 701 Douglas, Lakefield, MN 56150 | (507) 662-6476 |
| Gary Ewert | Vice President | Nobles | 2725 N Rose Ave, Worthington, MN 56187 | (507) 372-7180 |
| Jim Buschena | Treasurer | Murray | 2140 41st St, Fulda, MN 56131 | (507) 425-2649 |
| Mike McCarvel | Secretary | Nobles | 39574 160th St, Brewster, MN 56119 | (507) 842-5460 |
| Dale Bartosh | Manager | Jackson | 33499 880th St, Heron Lake, MN 56137 | (507) 793-2682 |

RECENT PROJECTS

Clean Water Partnership Grant — through Minnesota Pollution Control Agency emphasizing education, best management practice incentives, and monitoring. The grant ended August 31, 2007. Final report on website at: www.hlwdonline.org/CWP_Final_Report.pdf

CWP Continuation Grant — through MPCA emphasizing education, BMP incentives, and monitoring. The grant began September 1, 2007.

Conservation Drainage Grant — in partnership with Minnesota Department of Agriculture, Ag Drainage Management Coalition, University of Minnesota, Son-D Partnership, and Loosbrock Farm Drainage to provide first-hand information about conservation drainage and its effects on water quality and crop production.

Conservation Tillage Demonstration Site-Conservation Innovation Grant — from USDA/NRCS that demonstrates six different conservation tillage practices. Final report submitted May 2008. Funded in 2008 through general operating levy and Nobles and Jackson Counties. Continued funding through EPA 319 grant will begin January 2009.

Elk Township Conservation Tillage Grant — through EPA that funds incentives for conservation tillage methods. Grant ends in April 2009.

Rock Inlet Cost-Share Program — through EPA 319 funds for Nobles, Jackson, Murray, and Cottonwood Counties. The unique aspect of this grant is that through this partnership, political boundaries are transcended to accomplish something that could never have been done by an individual entity. Grant ends in August 2010.

WFDNR and Heron Lake TMDL Study — through MPCA to conduct education efforts to increase awareness of water quality problems. Final report on website at www.hlwdonline.org/Heron_Lake_TMDL_Study_Final_Report.pdf

Public education meetings — on a semi-annual basis.

Monthly newsletters — address one specific topic each month.

2006 Governor’s MnGREAT Award and 2007 Watershed District of the Year Award — from the Department of Natural Resources for our education and implementation efforts.



Heron Lake received the 2007 Watershed District of the Year Award from the DNR. Pictured (from left): Kent Lokkesmoe (DNR), Jan Voit, Melanie Luinenburg, and Mike McCarvel.

FUTURE PROJECTS

Implement cost-share, incentive, loan, education, and monitoring programs as described in grant work plans.

Pursue innovative options to educate and inform residents as to how they can help improve the water quality within the watershed and beyond.

Pursue additional funding for existing and new projects and programs.

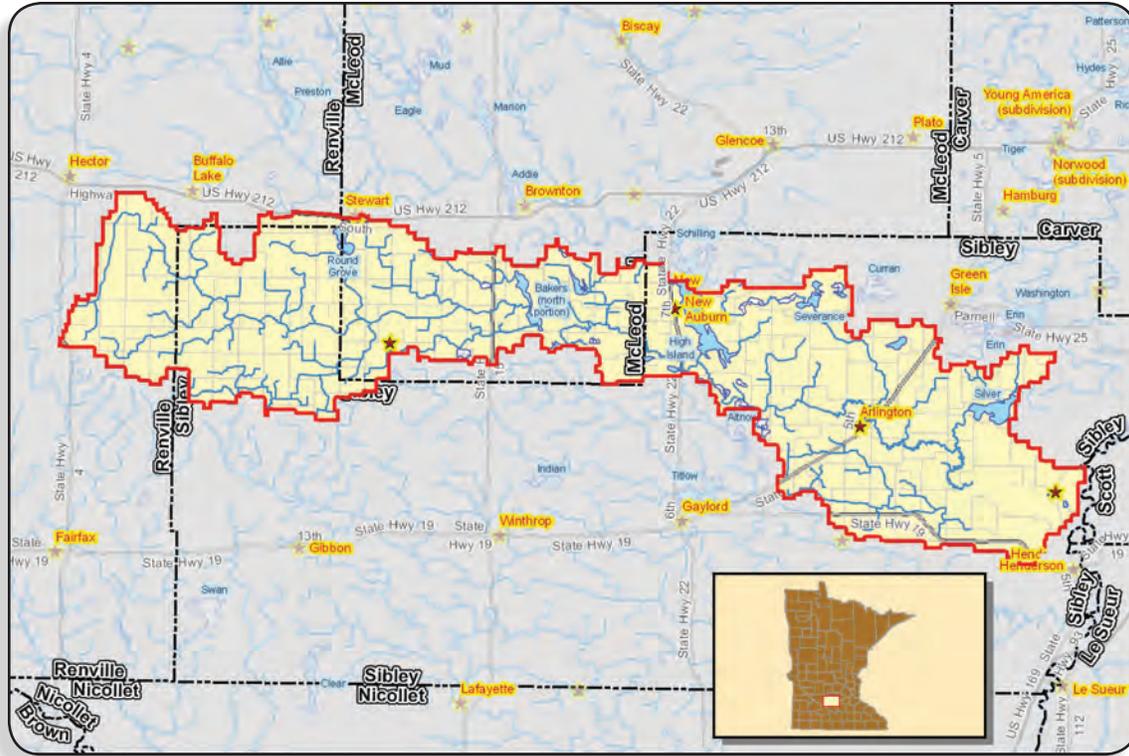
Complete TMDL Implementation Plan and pursue funding.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total 2007 Expenditures | \$262,717 |
| Management / General Administrative | \$52,061 |
| Projects / Implementation | \$133,974 |
| Education | \$76,682 |

High Island Creek

WATERSHED DISTRICT



GENERAL INFORMATION

Established: June 14, 1957
 25804 431st Ave
 Arlington, MN 55307
 Phone: (507) 964-5641

Included Counties: Sibley, McLeod,
 Renville
 District Size: 245 square miles
 Number of Staff: 3

2008 Taxable Market Value:
 \$692,985,900

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|----------------|----------|--------------------------------------|----------------|
| Leonard Eibs | President | Sibley | 25820 361st Ave, Henderson, MN 56044 | (507) 964-5188 |
| Herman Miller | Manager | McLeod | 18717 30th St., Brownton, MN 55312 | (320) 328-5306 |
| Orville Polzin | Treasurer | Sibley | 48126 210th St, Gaylord, MN 55334 | (507) 237-5336 |
| Verne Schlueter | Secretary | Sibley | 25804 431st Ave, Arlington, MN 55307 | (320) 964-5641 |
| Dwight Swanson | Vice President | Renville | 74679 500th St, Hector, MN 55342 | (320) 833-2318 |

RECENT PROJECTS

The District is partnering with the Phase II Clean Water Partnership of High Island Creek on projects to focus on establishing best management practices (BMP's) in the watershed that work to resolve the matter of excess nutrients and pollutants.

Beaver Damage Program

District Rules and a Permitting Program – helps provide adequate drainage needs for agricultural production.

Annual tree removal – from the Channel of both High Island Creek and Buffalo Creek.

Septic System Incentive – a \$500 bonus incentive is given to those that upgrade their non-compliant system within the watershed. This is on top of the 3% low interest loan given by the Clean Water Partnership Project.

FUTURE PROJECTS

Rip rap bank stabilization project on the main channel located near Arlington.

Continue stream bank stabilization, tree removal, and beaver damage control.

Continuous Funding and Support for High Island Creek Implementation Project.

The District has provided financial support for the development of a Fecal Coliform TMDL which was submitted and is currently in the approval process as of September 2008. The plan will focus on projects that improve manure management techniques, septic systems, and feedlot runoff problems, as well as other potential causes of the impairment.



Bendway Weir Project in Penn Township, completed in 2007.



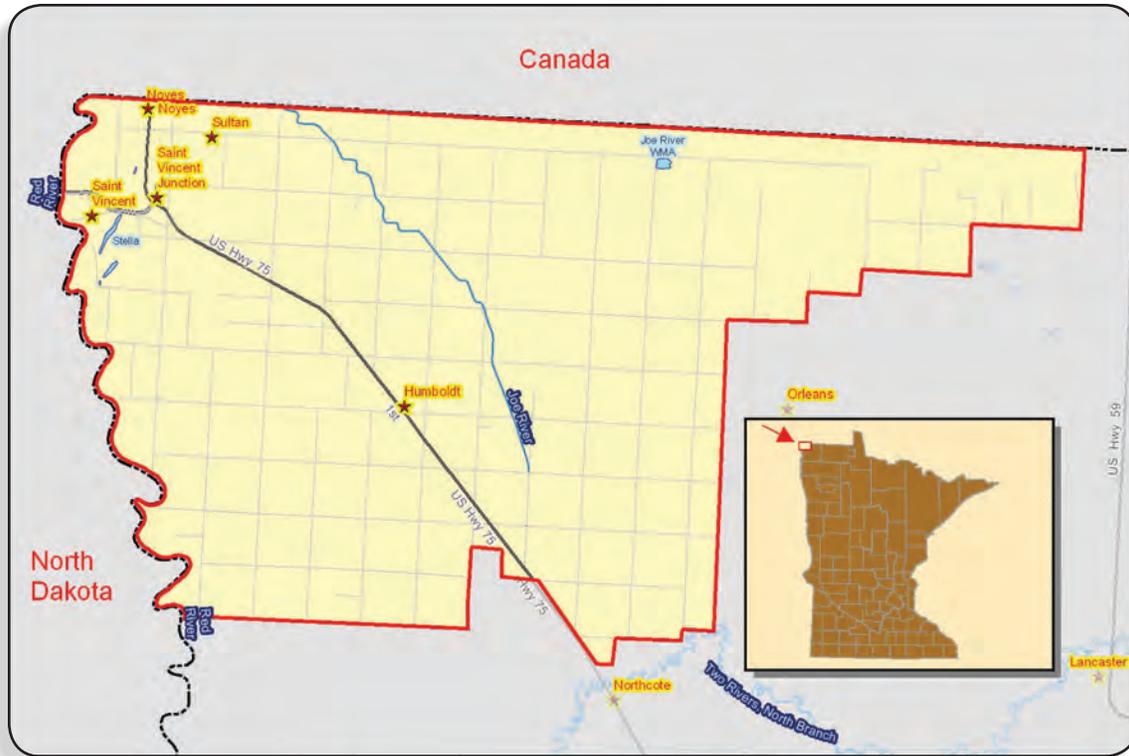
Rain garden located in the city of New Auburn, installed in 2007.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total 2007 Expenditures | \$106,466 |
| Management / General Administrative | \$36,073 |
| Data Collection/Monitoring | \$17,732 |
| Permitting/Regulatory | \$709 |
| Projects/Implementation | \$19,668 |
| Water Management Programs: | \$11,848 |
| Other | \$20,436 |

Joe River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: January 31, 1958

Box 27
Humboldt, MN 56731

Phone: (218) 379-32051

Included Counties: Kittson

District Size: 124 square miles

Major Water Bodies: Red River of the North, Joe River, Lake Stella, Lake Cameron

Number of Staff: 0

2008 Taxable Market Value:

\$120,065,100

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|----------------|----------------|---------|------------------------------------|----------------|
| Shane Stewart | President | Kittson | RR 1, Box 41, St Vincent, MN 56755 | (218) 379-3282 |
| LeRoy Clow | Manager | Kittson | RR 1 Box 52, St Vincent, MN 56755 | (218) 379-3224 |
| John Finney | Treasurer | Kittson | PO Box 13, Humboldt, MN 56731 | (218) 379-3163 |
| Marshal Hemmes | Secretary | Kittson | PO Box 27, Humboldt, MN 56731 | |
| Jim Wiesl | Vice President | Kittson | PO Box 5, Humboldt, MN 56731 | (218) 379-3257 |

RECENT PROJECTS

As a part of its operations, the District has undertaken a flood control and water management project under the federal PL-566 program in cooperation with the Kittson Soil & Water Conservation District (SWCD) and the USDA Natural Resources Conservation Service (NRCS). Other programs of the District include a water quality monitoring program, culvert inventory, administration of the Rules of the Joe River Watershed District, and other data collection activities.

The Rules of the Joe River Watershed District were adopted on September 21, 1988 and became effective on November 16, 1988. These Rules were updated and revised on February 14, 2000. The Rules govern the manipulation of the water-based natural resources of the District. Under these Rules, permits are required from the Board of Managers for such activities as ditching, diking, installation of culverts, road construction, water appropriation, and other activities that affect water management.

To date, the JRWD has focused its activities primarily on flood control. The land area of the District is not only affected by flooding on the main channel of the Joe River and its tributaries, but also by the flooding from the Red River of the North. The JRWD, being the furthest land area north and west in the State of Minnesota, is the last area to be affected by the Red River before it enters the Province of Manitoba, Canada. At this point the Red River is several miles wide during a major flood event.

Other problems or issues that are being addressed by the District are erosion control, water quality, wildlife, maintenance of projects, investigation of new projects, information and education, and data collection.

The JRWD has taxing authority and receives funding through levies and through grants and state and federal programs. The District participates as a member of the Red River Watershed Management Board (RRWMB). Through this organization half of taxes collected under the construction fund are turned over to the RRWMB for the purpose of flood control on the Red River of the North. This was authorized by action of the Minnesota Legislature in 1972.

FUTURE PROJECTS

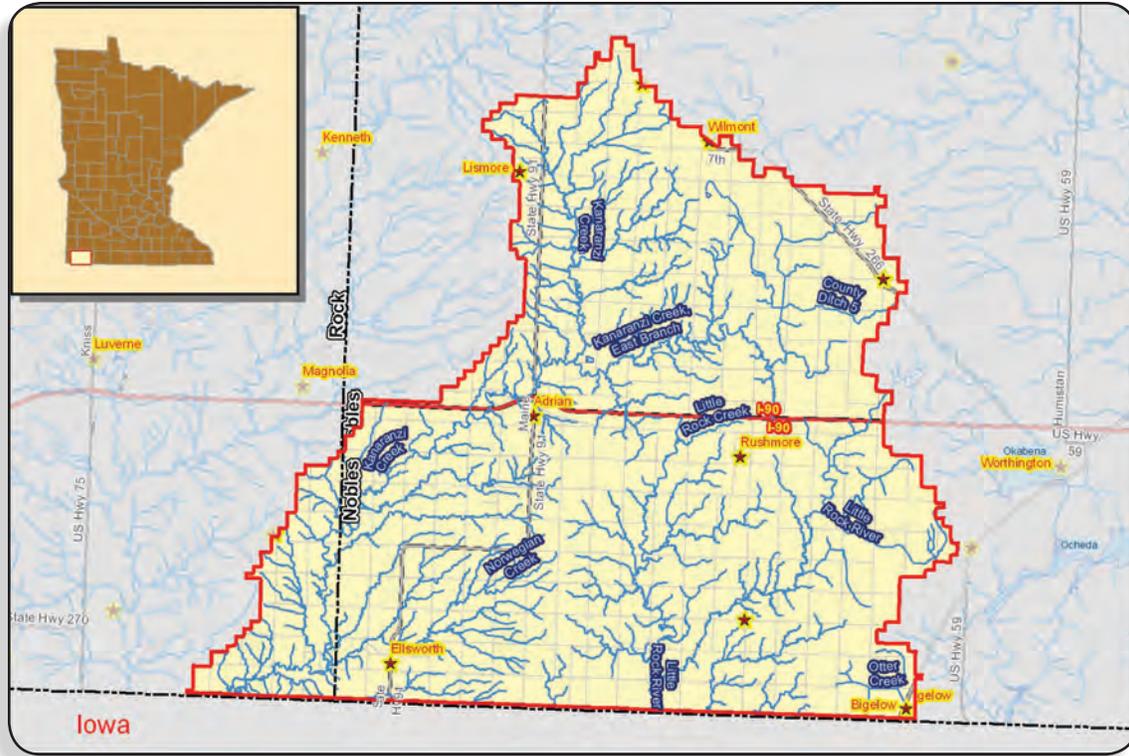
The JRWD has been effective in carrying out its intended goals in numerous ways. The District has integrated flood control projects, and has established water quality monitoring and culvert inventory projects in order to accomplish its goals and objectives. Further work and investigations are needed to improve upon past accomplishments.

2007 EXPENDITURES

Not reported—please contact the District.

Kanaranzi-Little Rock

WATERSHED DISTRICT



Established: Oct. 8, 1981
by citizen petition
215 Maine Avenue
Adrian, MN 56110

Phone: (507) 483-2971
Fax: (507) 483-2031
comdev@frontiernet.net
Included Counties: Nobles, Rock
District Size: 198,400 acres

Major Water Bodies:
Number of Staff: 1 part-time
2008 Taxable Market Value:
\$650,866,200

BOARD OF MANAGERS

| Name | Position | County | Address |
|--------------|-------------------|--------|---------------------------------------|
| Tim Blume | Chairman | Nobles | 28319 260th St, Worthington, MN 56187 |
| Tim Taylor | 1st Vice Chairman | Nobles | 17508 190th St, Adrian, MN 56110 |
| Vacant | 2nd Vice Chairman | Nobles | |
| Mark Slater | Treasurer | Nobles | 20405 Jones Ave, Rushmore, MN 56168 |
| Connie Frahm | Secretary | Rock | 438 200th Ave, Ellsworth MN 56129 |



Planting native grasses at the Adrian Environmental learning Area.

RECENT PROJECTS

Kanaranzi-Little Rock Watershed PL-566 program — worked with the NRCS and Nobles SWCD to administer the program, which was the 2005 MAWD Project & Program of the year. The project created public awareness of conservation practices, and significantly reduced soil erosion and improved surface water quality in Rock and Nobles counties.

Stormwater and Sediment Control — provided annual cost-share money for stormwater and sediment control basins and grassed waterway construction projects.

Wellhead Protection — provided funding for implementation of the cities of Adrian and Ellsworth wellhead protection plans.

Native Grass Planting — worked with the City of Adrian Park Department to plant native grasses and create a wetland at the Adrian Learning Area.

Septic System Replacement — provided cost-share money for replacement of failing septic systems.

Abandoned Wells — provided cost-share money to seal abandoned wells.

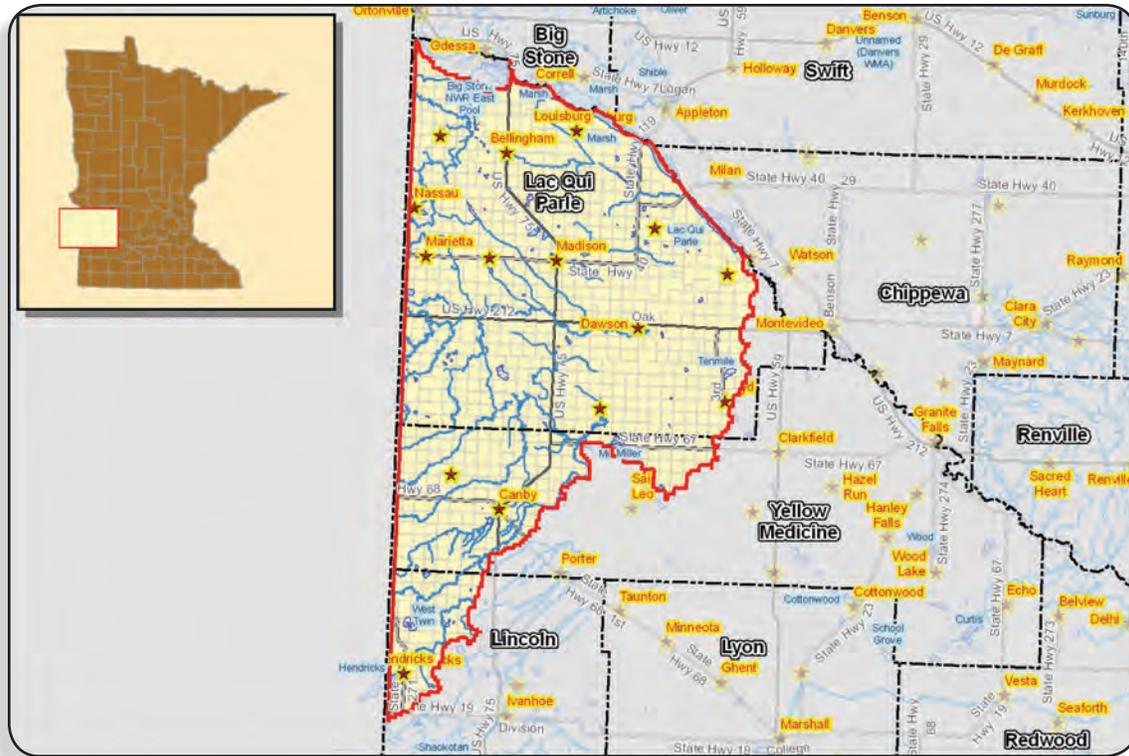
FUTURE PROJECTS

Structural erosion control and flood water storage — encumbered approximately \$100,000 to cost-share with farmers on structural erosion control and flood water storage projects. Most of this money will be used to “piggyback” on EQIP program contracts, paying for an additional 15% of the total project costs.

Cost-share projects — will likely continue providing cost-share for well sealing, septic system replacement, Adrian Learning Area improvements and the K-LR PL-566 program.

Lac qui Parle-Yellow Bank

WATERSHED DISTRICT



GENERAL INFORMATION

Established: April 19, 1971
by citizen petition

600 6th St, Madison, MN 56256

Phone: (320) 598-3117

Fax: (320) 598-3125

Included Counties: Lac qui Parle, Yellow
Medicine, Lincoln

District Size: 976 square miles

Major Lakes: Lac qui Parle, Lake
Hendricks

Number of Staff: 2 full-time, 5 part-time

2008 Taxable Market Value:

\$1,253,216,500

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|---------------------|----------------|-----------------|---|----------------|
| Willis Beecher | President | Yellow Medicine | 304 Haarfager N, Canby, MN 56220 | (507) 223-5982 |
| Daniel Christianson | Publicity | Lincoln | 3479 County Rd 101, Hendricks, MN 56136 | (507) 275-3460 |
| David Craigmile | Secretary | Lac qui Parle | 3600 140th St, Boyd, MN 56218 | (320) 855-2424 |
| David Ludvigson | Treasurer | Lac qui Parle | 2179 201st Ave, Madison, MN 56256 | (320) 598-7783 |
| Darrel Ellefson | Vice President | Lac qui Parle | 1401 Hazel St, Dawson, MN 56232 | (612) 756-1898 |

RECENT PROJECTS

Lazarus Creek Dam — floodwater retention project in Yellow Medicine County. This \$1.4 million dam project was completed in 2006.

Fish Lake Outlet Repair — worked with East Dakota Watershed District in the State of SD to repair the control outlet on Fish Lake to deter flooding in the LQP-YB Watershed. This project was completed in 2008 to help control flooding, erosion, water quality, and quantity.

Tree Snagging Program — for the past 10 years, the District has funded an annual tree snag removal project in rivers and streams to improve erosion and water quality.

Del Clark Lake/Stone Hill Park Storm Shelter/Learning Center — the District worked with City of Canby for a HUD Grant to provide funding for additional campsites and a storm shelter/learning center at Del Clark Lake, which was completed in 2007. This shelter provides an education center for the Watershed District.

LQP County Highway 31 Restoration Project — the District, along with local and state agencies, provided support and cost-share for the County Highway 31 Streambank Restoration Project completed in 2008.

Clean Water Partnership Program — provide support and funding through grants with state and local agencies for monitoring of streams and rivers in the watershed and identify TMDLs in the watershed. Offer educational programs and funding for incentives for open tile inlet replacement, buffer strip incentives, and streambank stabilization throughout the watershed along with ISTS low interest loan program. This program has been ongoing since 2001 and addresses water quality, quantity, erosion, and TMDLs in the watershed.

Nuisance Beaver Program — the District paired with Yellow Medicine River Watershed for a BWSR grant to control nuisance beaver in the two watershed districts. The District would like to see this program refunded as this program helped to deter overland flooding and streambank erosion.

Wergeland 5 Streambank Stabilization Project – the District provided 75% Clean Water Legacy cost-share to Yellow Medicine River Watershed District to repair three stream bank restorations to control cross-over flooding from the LQP-YB Watershed into Yellow Medicine Watershed. This project was completed in 2008.

Florida 22 Dam Repair; Hansonville 18 Dam Repair; & Marble 8 Dam Repair — the District worked with Area II and local landowners to provide 15% cost-share on dam repairs in the Watershed for flood retention. These were completed in 2007 and 2008.

Hansonville 34 new dam — the District provided 15% cost-share to local land-owner for construction of a new dam for flood retention completed in 2008.

FUTURE PROJECTS

The District will continue to offer incentives for open intake replacement, buffer strip incentives, streambank stabilization projects, water retention projects and ISTS low-interest loan programs through the Clean Water Partnership Program.

The District will complete the update of the 10-year management plan.

The District will continue the tree-snagging program to reduce erosion in streams and rivers.

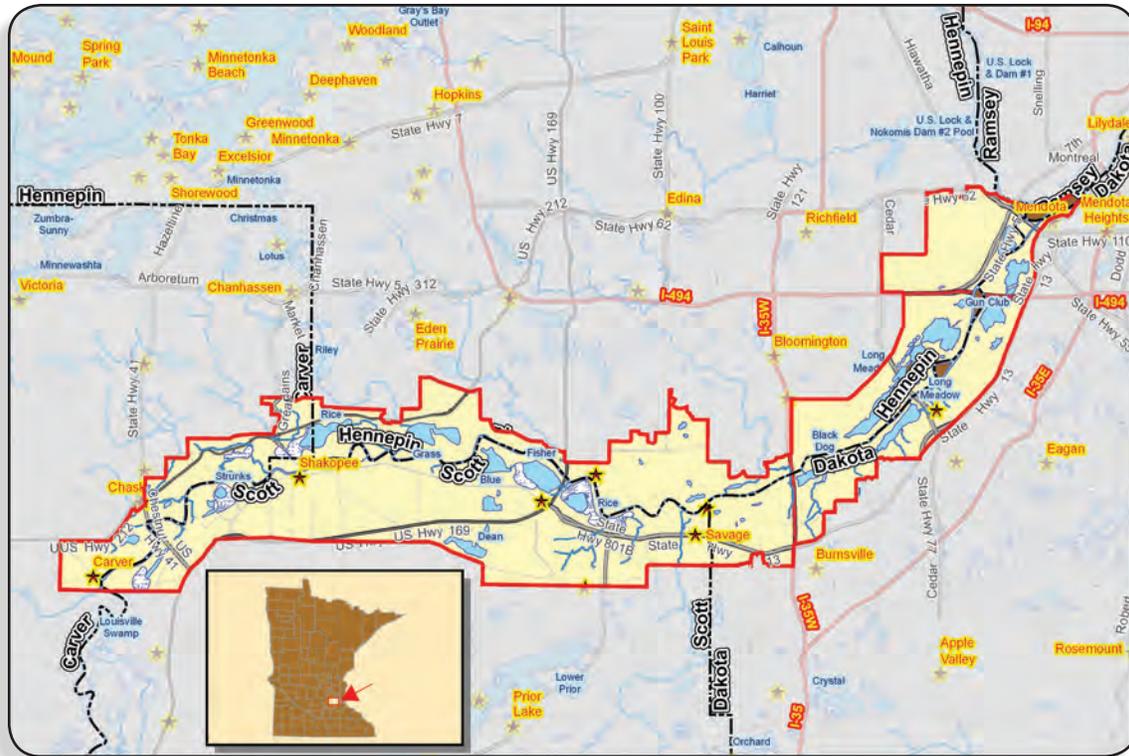
The District will pursue funding for a retention structure/dam on the Florida Creek.

2007 EXPENDITURES

Not provided. Please contact the District for information.

Lower Minnesota River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: March 23, 1960
by Carver, Dakota, Hennepin, Ramsey,
and Scott County petition

112 East Fifth Street, Suite 102
Chaska, MN 55318

Phone: (952) 856-5880

Fax: (952) 856-6067

www.watersheddistrict.org

Included Counties: Carver, Dakota,
Hennepin, Scott

District Size: 70 square miles

Major Lakes/Features: Covers 33 miles
of the Minnesota River, St. Snelling
State Park; MN Valley Wildlife Refuge;
Murphy's Landing; Twin Cities Int'l
Airport, Flying Cloud Airport; two DNR-

designated trout streams; Valley Fair,
Cantebury Park, Boiling Springs

Included Fens: Seminary Fen, Savage
Fen, Nicols Fen, Snelling Fen and Quarry
Island Fen

Number of staff: 2

2008 Taxable Market Value:
\$8,236,149,900

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|------------------|-----------|----------|--|----------------|
| Len Kremer | President | Hennepin | 6111 Auto Club Rd, Bloomington, MN 55438 | (952) 832-2600 |
| Kent Francis | Secretary | Carver | 623 Griffin St, Carver, MN 55315 | (763) 551-2644 |
| vacant | | Dakota | | |
| Lawrence Samstad | Manager | Scott | 1342 10th Ave E, Shakopee, MN 55379 | (952) 445-7993 |
| Edward Schlapp | Treasurer | Hennepin | 10901 Riverview Rd, Eden Prairie, MN 55347 | (952) 941-9576 |

RECENT PROJECTS

Nine-foot Navigational Channel on the Minnesota River — sponsored locally by the District with the U.S. Army Corps of Engineers, it was established and is maintained jointly to provide required dredge material maintenance sites to the U.S. Army Corps of Engineers

Maintenance and Data Collection for Monitoring Projects — is contracted through Scott and Dakota Soil and Water Conservation Districts, and Carver County Environmental Services

Management Plans — were developed for Courthouse, Fireman’s, and Clayhole Lakes in Chaska in conjunction with the City of Chaska and Carver County

Groundwater Monitoring Plan — established for the unique features of the District

Negotiations — successfully assisted the Minnesota Department of Natural Resources in the negotiations with the property owners of the former Seminary Fen site, the first purchase of property for the Seminary Fen Scientific and Natural Area (SNR). The District continues to negotiate with owners of abutting property needed to protect this unique resource.

Gully Inventory — conducted in the cities of Carver Chaska, Chanhassen, Eden Prairie and Bloomington. Field work for this project was done by the Minnesota Conservation Corps. The District partnered with the cities of Eden Prairie and Bloomington on the completion of three feasibility studies for gully restoration.

Retrofitting of the Storm Water Drainage — was completed at the U.S. Fish and Wildlife Service Refuge Center in Bloomington, in partnership with the USFWS and the Friends of the Minnesota Valley. Catch basins were modified and rainwater gardens were added.

Contribution — to the Minnesota Department of Transportation (MNDOT) for the installation of ground water monitoring wells as part of the Phase 1 study of the Seminary Fen for the future Trunk Highway 41 River Crossing Environmental Impact Statement

Acquisition — of 18 areas of land in Savage, MN for the placement and recycling of dredge materials from the U.S. Army Corps of Engineers and private industry

Continued Membership — of the River Forum, a group of local, state and federal agencies formed to monitor and recommend environmental and navigational projects in the area.



Minnesota River

Education — continued web site development to feature articles about important resources in the District, ground and surface water data, watershed related government sites, District’s 509 Plan along with reports and studies; became a member of the Blue Thumb Planting for Clean Water Program and started negotiations with Metro Blooms to partner with Metro Blooms and cities within the District to hold rain water garden workshops. Contributed \$500 to the Carver County Children’s Water Festival held at State Fair grounds.

FUTURE PROJECTS

Remediation — of bank erosion problems on the Minnesota River, through assistance to the City of Burnsville

Total Maximum Daily Load (TMDL) strategies — will be developed for all impaired stream reaches and the Minnesota River within the District

Gully Inventory — continue to partner and work with cities to correct issues identified in the District’s Gully Inventory.

Fifth Generation Plan — will be completed by December 2009

Minnesota River Basin Commission — continue to work with the Legislature and stakeholders to establish a basin commission whose purpose is to coordinate basin water management activities, implement projects and programs of common benefit to the basin, and monitor performance of local water management entities within the entire Minnesota River basin.

MNDOT — continue to participate on MNDOT’s Study Advisory Committee for the new Trunk Highway 41 river crossing corridor.

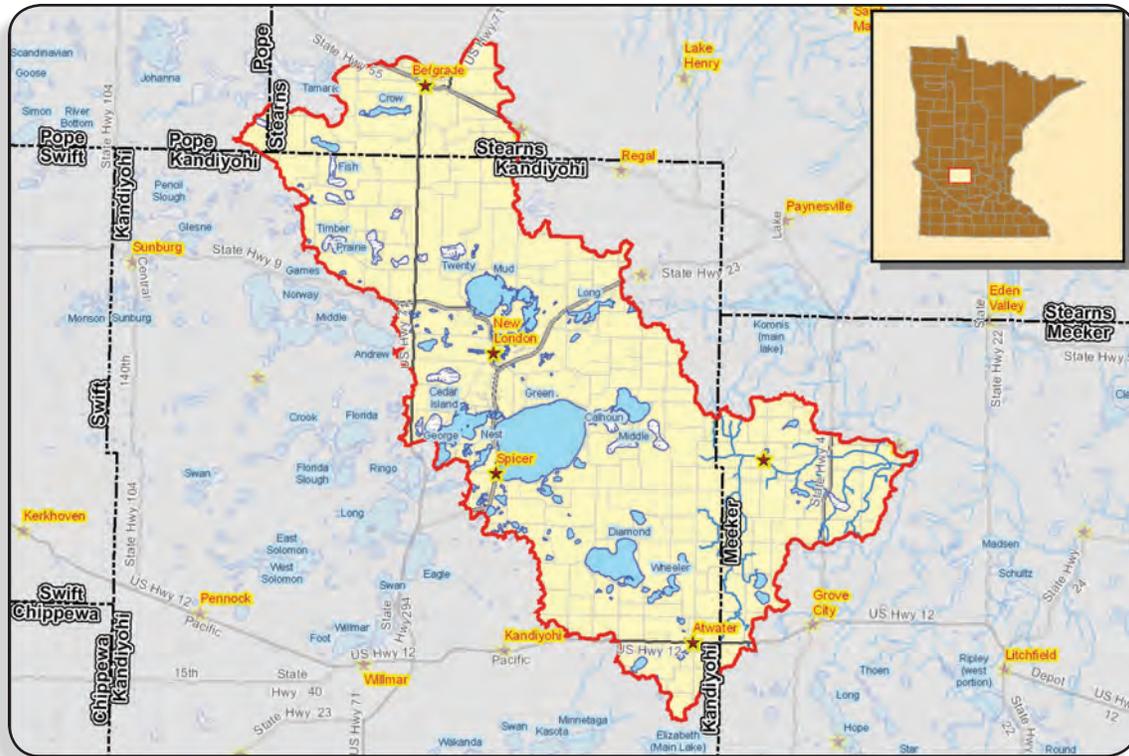
2007 EXPENDITURES

| | |
|----------------------------|-----------|
| Total 2007 Expenditures | \$382,158 |
| District Operations | \$92,924 |
| Data & Monitoring | \$42,000 |
| Projects & Construction | \$148,009 |
| Water Management Operation | \$94,225 |



Middle Fork Crow River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: April 27, 2005
by citizen petition

174 Lake Ave N, PO Box 8,
Spicer, MN 56288
Phone: (320) 796-0888
www.mfcrow.org

Included Counties: Kandiyohi, Meeker,
Pope, Stearns

District Size: 275 square miles

Major Lakes: Crow, Monongalia, Long,
George, Nest, Green, Diamond, Calhoun

Number of Staff: 2

2008 Taxable Market Value (TMV):
\$1,367,829,400

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|----------------|-----------|--|----------------|
| Robert Hodapp | President | Kandiyohi | 13919 Skyline Dr, Spicer, MN 56288 | (320) 796-2009 |
| Gordon Behm | Treasurer | Kandiyohi | 13851 Diamond Shores Rd, Atwater, MN 56209 | (320) 974-8242 |
| Joseph Flanders | Member | Meeker | 50609 CSAH 3, Grove City, MN 56273 | (320) 857-2900 |
| Ruth Schaefer | Secretary | Kandiyohi | 14950 E Calhoun Rd, Spicer, MN 56288 | (320) 276-8424 |
| Robert Zenner | Vice President | Stearns | 21521 Farmcrest Rd, Belgrade, MN 56312 | (320) 254-3305 |

RECENT PROJECTS

Established a partnership with Kandiyohi County Soil and Water Conservation District (SWCD) to carry out the Watershed District’s first BMP project – a feedlot/agricultural waste improvement project; via a filter strip, the project was designed to reduce the amount of animal waste reaching a nearby drainage ditch within the watershed of an impaired lake (Diamond Lake). Project completed in November 2007.

Worked with the Natural Resources Conservation Service (NRCS) and Kandiyohi County SWCD staff to stabilize a serious erosion problem in a gully located in the riparian area of Nest Lake. Project completed in December 2007.

Worked with a lakeshore property owner and Kandiyohi County SWCD to establish a native shoreline buffer across 230 feet of shoreline on Calhoun Lake, preventing further shoreline erosion. Project completed in July 2008.

Addressed a potentially catastrophic shoreland stabilization issue on a steep shoreline that contained a collapsing boathouse and retaining wall. By stabilizing the shoreline and establishing a native buffer, an estimated 40 cubic yards of sediment was prevented from entering Green Lake. Project was completed in July 2008.

Partnered with the city of New London to establish a cul-de-sac raingarden and infiltration basin in a new development within city limits. Rather than tying into existing storm sewer lines, the project prevents additional inputs of stormwater into the Middle Fork Crow River. Project installation is still ongoing.

Diamond Lake TMDL Study — this project is ongoing.

Partnered with the Nest Lake Association and the DNR to draft the Nest Lake Management plan; this project is ongoing.

FUTURE PROJECTS

Improvement of stormwater management in the cities of New London and Spicer; partnerships will be developed to implement solutions to existing issues in stormwater management in both cities.



Volunteers implementing a shoreland restoration project in the Middle Fork Crow River Watershed

Improvement of stormwater issues in the city of Belgrade; stormwater that collects and ponds within the city poses a considerable risk to children who gather to play in the water. Rather than establishing a means of water conveyance directly into the Middle Fork Crow River, the Watershed District will partner with the city of Belgrade to allow for pretreatment.

Begin executing the Diamond Lake TMDL Implementation Plan.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total 2007 Expenditures | \$218,839 |
| Management / General Administrative | \$140,917 |
| Data Collection / Monitoring | \$19,239 |
| Projects / Implementation | \$41,906 |
| Public Education | \$2,013 |
| Meetings / Seminars | \$14,764 |



Aerial photo of PL-566 Snake River Flood Control Project

RECENT PROJECTS

Federal Natural Resources Conservation Service Public Law 566 — Snake River Flood Control Project impoundment and diversion removed the City of Warren and surrounding area out of the 100 year Flood Plain

Angus-Oslo #4 Flood Retention Site — has protected farmsteads and farmland from flooding

Riparian Grass Buffer Strips — that the District planted along the legal drains has improved water quality throughout the District

Recent Inclusion — of the Tamarac Watershed has provided a better organizational outlet for the residents and landowners of that area into the Middle Snake Tamarac Rivers Watershed District

Farmstead Ring Dikes — 90 have been built to protect families and property from flooding

Maintenance — has continued on 310 miles of legal drainage systems

Sentence to Serve Agreement — has provided maintenance on portions of the Tamarac, Middle, and Snake Rivers

Membership — of the Red River Water Management Board, founded in 1976, whose goal is to address the flooding on the Red River of the North

Cooperation — with the City of Warren and County officials on Flood Plain Zoning

Grand Marais Creek Subwatershed Project 60 — in conjunction with the Red Lake Watershed District and the Department of Natural Resources, we are working on this

coulee restoration plan, which is part of Governor Pawlenty's Clean water Cabinet Pilot Project

Assisting — Marshall, Polk, Kittson, Roseau, and Pennington counties with local water planning

Mediation Provision — for local drainage disagreement issues

FUTURE PROJECTS

Agassiz Valley Water Management Project — a flood retention and natural resource enhancements project, construction underway, to be completed in 2009.

Farmstead Ringdikes — will continue to be constructed in 2009 for flood protection.

Brandt-Angus Flood Retention Project — anticipated construction 2010. Planning is currently underway.

Swift Coulee Flood Retention — Drainage project planning to commence in 2009.

2007 EXPENDITURES

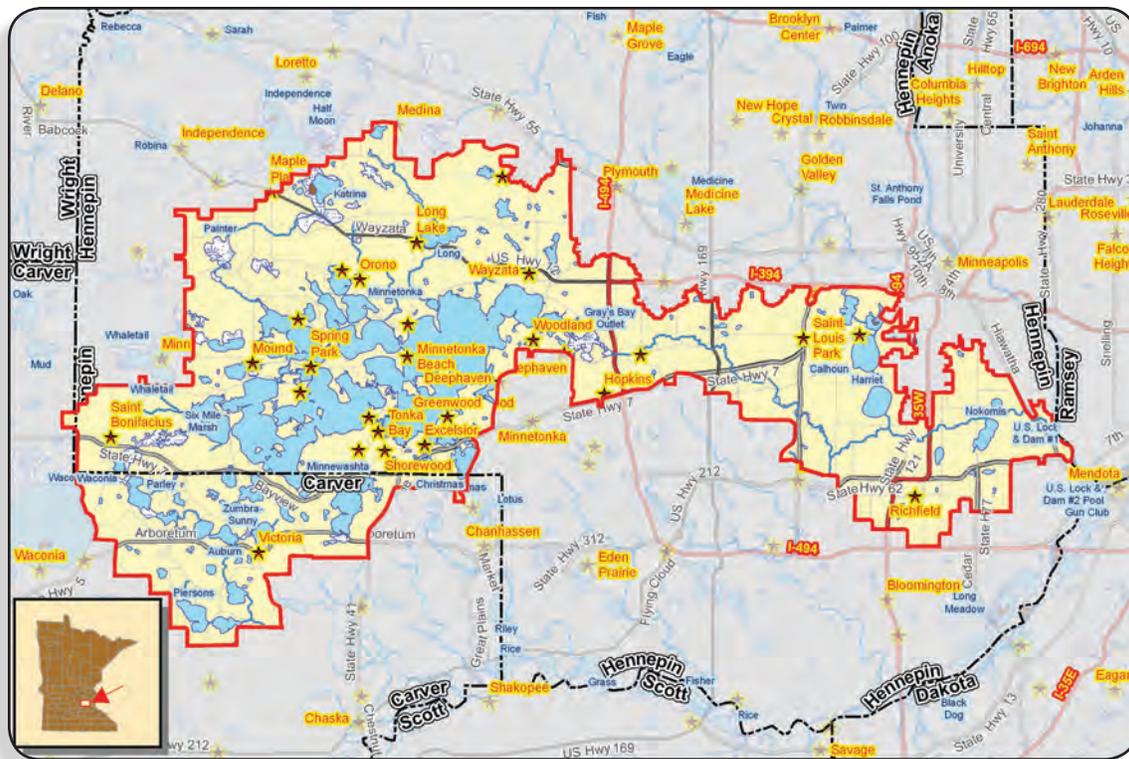
| | |
|---|-------------|
| Total 2007 Expenditures | \$2,542,729 |
| District Operations | \$139,453 |
| Data Collection / Monitoring | \$3,430 |
| Permitting / Regulatory Programs | \$28,686 |
| Projects / Construction | \$2,176,149 |
| Assistance to Other Water Management Entities | \$195,011 |

Minnehaha Creek

WATERSHED DISTRICT



CELEBRATING 40 YEARS OF IMPROVING QUALITY OF WATER, QUALITY OF LIFE



GENERAL INFORMATION

Established: 1967
 by Hennepin County petition
 18202 Minnetonka Blvd
 Deephaven, MN 55391
 Phone: (952) 471-0590
 Fax: (952) 471-0682

www.minnehahacreek.org
admin@minnehahacreek.org
 Included Counties: Hennepin, Carver
 District Size: 181 square miles
 Number of Staff: 12

Significant Water Bodies: Minnetonka,
 Minneapolis Chain of Lakes, Minnehaha
 Creek
 2008 Taxable Market Value:
 \$44,287,303,285

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|----------------|----------|--|----------------|
| Jim Calkins | President | Hennepin | calki001@umn.edu | (952) 471-0590 |
| Pamela Blixt | Vice President | Hennepin | pblixt@mn.rr.com | (952) 471-0590 |
| Lee Keeley | Secretary | Hennepin | lekelee@aol.com | (952) 471-0590 |
| Richard Miller | Treasurer | Hennepin | dick.miller@wellsfargo.com | (952) 471-0590 |
| Jeff Casale | Manager | Hennepin | jcasale@minnesotahomes.com | (952) 471-0590 |
| Brian Shekleton | Manager | Hennepin | brian_shekleton@yahoo.com | (952) 471-0590 |
| Mike Kligelutz | Manager | Carver | mikeklingel@hotmail.co | (952) 471-0590 |

RECENT PROJECTS

Land Conservation — Hennepin County partnered with the MCWD to provide \$20 million in conduit financing for a Land Conservation Program. Since the program began three years ago, it has leveraged \$6.08 million from outside sources and protected approximately 500 acres of land and 20,000 feet of shoreline, including Big Island on Lake Minnetonka, in partnership with Orono and the State of Minnesota.

Projects — in the past ten years the MCWD spent an average of \$4 million annually on projects that have largely eliminated flooding along Minnehaha Creek and that have markedly improved water quality throughout the District. Most recently, the MCWD began partnerships with the city of Mound and other communities to implement Low Impact Development techniques in redevelopments and is working with several cities and other public entities to address impaired waters. In partnership with the State of Minnesota, Minneapolis Park Board, Corps of Army Engineers, and Veterans Assn., the MCWD has begun the restoration of the Minnehaha Falls Glen—the state’s first park, the birthplace of Minnesota milling, and the namesake of Longfellow’s Song of Hiawatha.

Planning — the MCWD has developed what is being called one of the premier watershed management plans in the nation. The plan utilized hundreds of hours of public meetings, detailed inventories (including an inventory of wetlands down to 1/3 acre), and one of the most sophisticated hydraulic, hydrologic and pollutant loading models in the USA. The model, data, and information is available to public entities and should save hundreds of thousands of dollars in planning costs. The MCWD is also working with FEMA to reduce flood plain elevations, potentially saving homeowners \$1000s in unnecessary flood insurance.

Regulatory Program — the District issues about 600 water management permits annually. While sometimes controversial, District oversight is strongly supported by its residents and helps to protect important natural and cultural resources.

Monitoring — since 1967, the District has been monitoring water quality. Today, the program collects data on 29 lakes, 26 bays, and 43 stream reaches in the District. Records indicate steady improvement in water quality since the District was formed. The MCWD partners with the MPCA to monitor and address impaired waters.

Education — the MCWD provides support to local government and residents on land use, water quality, and

The Lake Calhoun Ponds are the focal point of the Minneapolis Chain of Lakes Project, which won a national award and numerous state and local awards. The project was a partnership of MCWD, the City of Minneapolis and the Minneapolis Park and Recreation Board.



innovative stormwater management practices. Annually, MCWD and the U of M host a series of professional conferences on water management and the MCWD and Mn Waters have partnered to increase citizen engagement with water resource management by forming grass roots groups around local water resources.

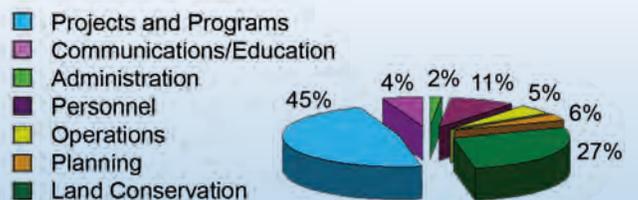
FUTURE PROJECTS

Performance-Based Standards — in 2007, MCWD began a rules revision process that will take the District from a one-size-fits-all regulatory program to one that focuses on water quality goals of individual resources while allowing permittees flexibility in meeting the protection standards.

Watershed Research — MCWD, in partnership with the Mississippi Watershed Management Organization, has established a fund to promote academic, peer-reviewed research. The program will fund research of innovative techniques for stormwater management. In addition, MCWD has begun intensive data collection for a 3-dimensional water quality and flow model for Lake Minnetonka. In 2007, the District also began a curlyleaf pondweed research program on Gleason Lake.

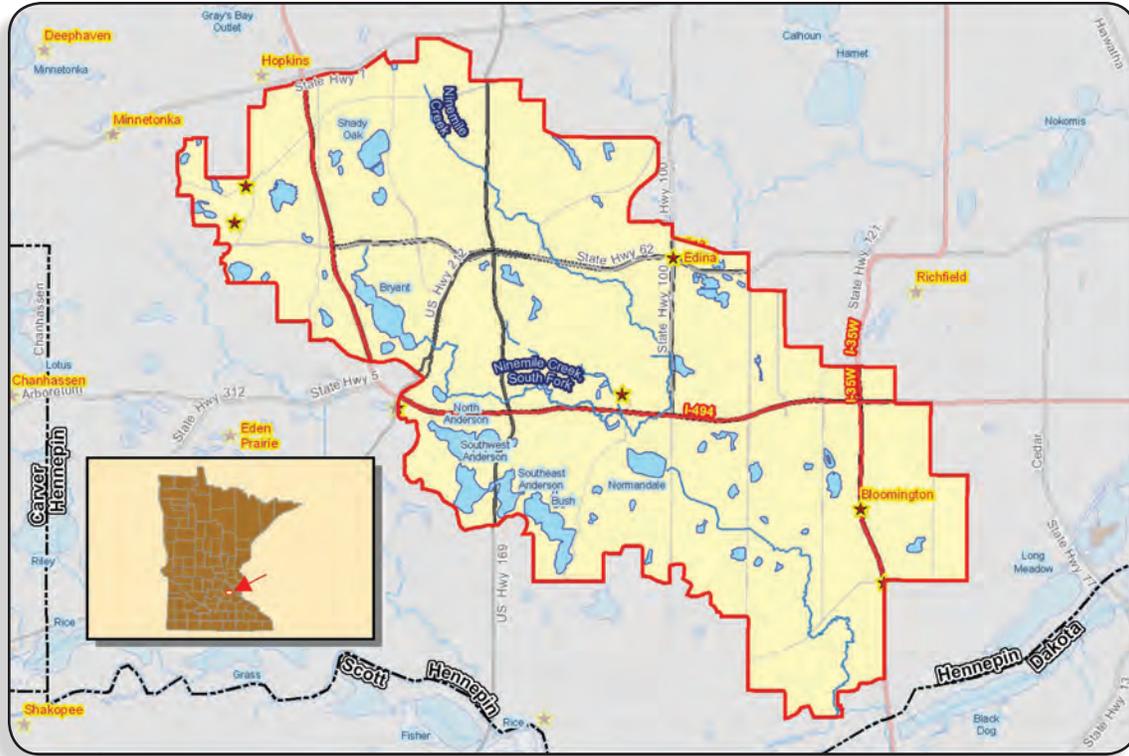
Structural Projects — over the next ten years the MCWD anticipates spending approximately \$60 million to clean up impaired waters and protect natural resources. Proposed projects include: Methodist Hospital wetland restoration and creek re-meander; Minnehaha Glen restoration; Painter Creek restoration; Stubbs Bay improvement project; and Lake Minnetonka Shoreline Restoration project.

2007 EXPENDITURES



Nine Mile Creek

WATERSHED DISTRICT



GENERAL INFORMATION

Established: Sept. 30, 1959
by citizen petition

7710 Computer Ave.,
Suite 135
Edina, MN 55345
Phone: (952) 835-2078

Fax: (952) 835-2079
www.ninemilecreek.org

Included Counties: Hennepin
District Size: 50 square miles

Major Lakes: Shady Oak; Bryant; Bush;
Normandale; North, Southwest, and

Southeast Anderson; Birch Island; Glen;
Cornelia; Smetana; Minnetoga; Upper
and Lower Penn

Number of Staff: 1

2008 Taxable Market Value (TMV):
\$18,180,911,100

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|----------------|----------------|----------|--|----------------|
| LuAnn Tolliver | President | Hennepin | 14801 Wychewood Rd, Minnetonka, MN 55345 | (952) 938-6749 |
| Robert Kojetin | Secretary | Hennepin | 5016 William Ave, Edina, MN 55436 | (952) 929-8889 |
| Steve Kloiber | Manager | Hennepin | 6528 Scania Rd, Edina, MN 55439 | (952) 941-1618 |
| Corrine Lynch | Vice President | Hennepin | 7301 Ohms Ln, Ste 425, Edina, MN 55439 | (952) 893-6730 |
| Geoffrey Nash | Treasurer | Hennepin | 6920 Hillcrest Ln, Edina, MN 55435 | (952) 925-5119 |

RECENT PROJECTS

Water Management Projects — Marsh Lake Dam, Normandale Lake, Bredesen Park, Hopkins Culver Improvement Project, Lower Valley Restoration, Bush Lake Outlet, Bloomington Creek Crossing Culvert Project

Minnetonka Lakes Water Quality Improvement Project — included the construction of eight water quality basins and infiltration basins within the watersheds of Glen Lake, Lake Minnetoga, Lone Lake, and Shady Oak Lake

Nine Mile Creek Monitoring — accomplished with four Watershed Outlet Monitoring Program (WOMP) stations; ecological use studies of the Creek, including fish sampling at seven stations on the Creek

Lake Monitoring — conducted by the District, monitoring 17 lakes on a rotational basis by collecting and analyzing water samples for phosphorus, chlorophyll a, and secchi disk transparency (water clarity)

Eden Prairie Lakes Water Quality Improvement Project — project is in the implementation phase to improve water quality in Northwest and Southwest Anderson Lakes, Bryant Lake, and Birch Island Lake; and a wetland restoration in the Cardinal Creek Conservation Area

Cost-Share Grant Program — the District established a cost-share program to assist residents, local governments, and businesses implement water conservation practices throughout the District

Citizens Advisory Committee (CAC) — an active group of citizens maintained by the District that meets throughout the each and participates in education and outreach activities

Citizen Assisted Lake Monitoring Program (CAMP) — the District partners with the Metropolitan Council to engage citizens in water quality monitoring on five lakes

Summer Education Series — the District and the CAC developed this series of education workshops and seminars hosted throughout the summer

Rules Amendment/Update — the District updated and amended its rules and regulatory program to enhance water quality and quantity treatment and regulation on development and redevelopment projects



Citizens and District Managers learn about the District's volunteer water quality monitoring efforts.

FUTURE PROJECTS

Hopkins Streambank Stabilization & Habitat Restoration Project — this project will stabilize the streambanks of Nine Mile Creek, re-meander portions of the Creek, enhance in-stream habitat and improve water quality.

Wing, Rose, Holiday Lakes Use Attainability Assessment — the District is partnering with the City of Minnetonka and the Wing Lake Neighborhood Association to conduct a citizen survey and do a use attainability assessment of the watershed for these three lakes.

Lower Valley Creek Stabilization Project — the District is partnering with the City of Bloomington to stabilize the Lower Valley portion of Nine Mile Creek and repair portions of a streambank stabilization project completed by the District in 1991.

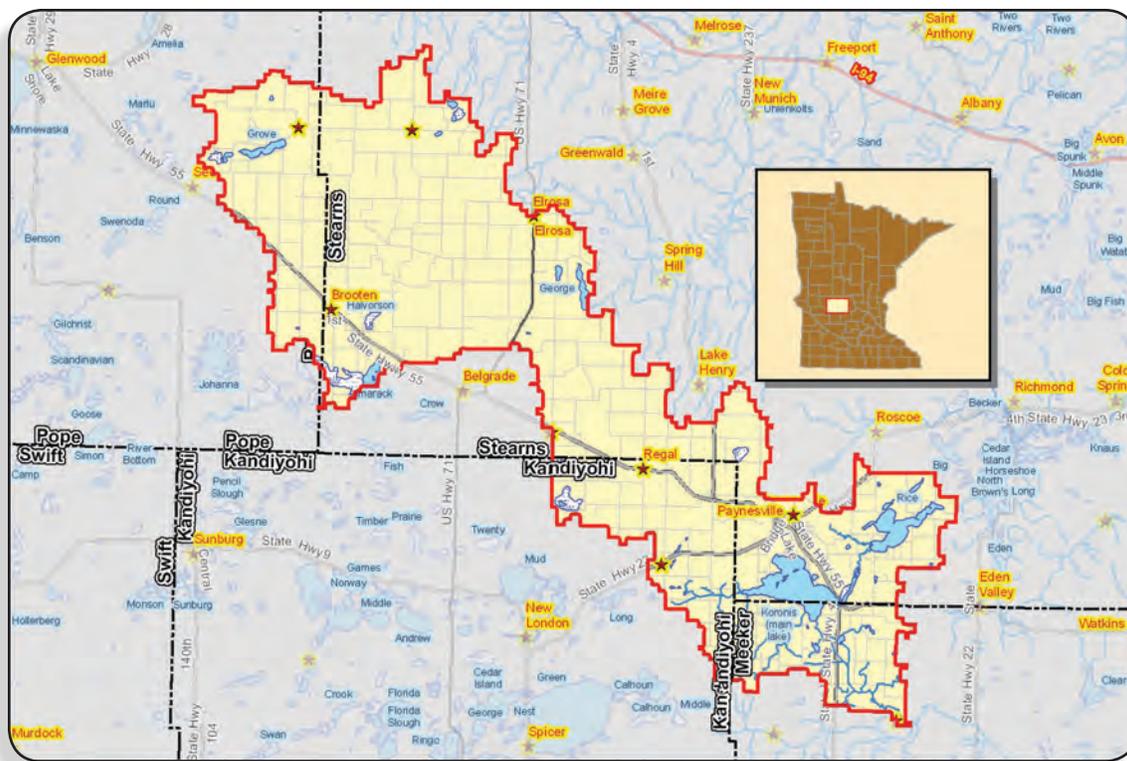
Normandale Lake Water Quality Project — the District is developing an Engineers Feasibility Report on how to address Curly Leaf Pondweed and internal phosphorus loading/water quality issues.

2007 EXPENDITURES

| | |
|-------------------------------------|-------------|
| Management / General Administrative | \$160,000 |
| Data Collection / Monitoring | \$305,500 |
| Permitting / Regulatory Programs | \$55,000 |
| Projects / Implementation | \$375,181 |
| Water Management Programs | \$1,600,000 |

North Fork-Crow River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: May 10, 1985
by citizen petition

100 Prairie Ave N
PO Box 40
Brooten, MN 56316
Phone: (320) 346-2869

Fax: (320) 346-2410
nfrwsd@tds.net

Included Counties: Kandiyohi, Meeker,
Pope, Stearns

District Size: 348 square miles

Major Lakes: Grove, Koronis, Pirz, Rice

Major Streams: North Fork Crow River

Number of Staff: 3

2008 Taxable Market Value:
\$916,514,100

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|------------------|----------------|-----------|---|----------------|
| James Wuertz | President | Meeker | 35795 CSAH 30, Eden Valley, MN 55329 | (320) 453-7541 |
| Jim Barchenger | Treasurer | Pope | 11442 200th St, Glenwood, MN 56334 | (320) 268-3202 |
| Joe Borgerding | Secretary | Stearns | 39736 275th St, Belgrade, MN 56312 | (320) 254-8430 |
| Robert Brauchler | Vice President | Kandiyohi | 15515 State Highway 55 NE, Belgrade, MN 56312 | (320) 243-4851 |
| Rick Hazelwood | Manager | Stearns | 14606 Old Lake RD, Paynesville, MN 56362 | (320) 243-2430 |

RECENT PROJECTS

Bio Digester — the Watershed District in partnership with other local organizations committed funds for construction of a bio digester system, which was installed on a local dairy farm. The system recycles animal waste to provide electric power for the farm.

Ditch Repair and Maintenance — public drainage systems throughout the Watershed District continue to require maintenance, which includes clean-outs, tree removal, spraying, mowing, and beaver dam removal.

Dam Replacement — the Grove Lake Dam, which is the headwaters of the North Fork Crow River, was replaced with an engineered structure.

Erosion/Sedimentation Projects — the Watershed District has addressed several erosion/sedimentation problems. A sedimentation-water storage basin was installed in the City of Paynesville, and erosion sites were repaired in Meeker County, along with other sites.

Plan Update — the Watershed District is updating its overall plan, using the services of Mid-Minnesota Development.

RainGarden — a raingarden was installed near the Walking/Biking Trail near Lake Koronis in a high runoff area, which is highly visible to the public.

Walking/Biking Trail Bridge — a paved trail is being installed around Lake Koronis. To minimize damage to a critical wetland, funds were contributed by the Watershed District to help pay for a bridge over the wetland.

Septic Certification Project — the Watershed District was petitioned in 2006 for a project to certify compliance of all septic systems within the District. This project is in its second year of a five year project, funded by an ad valorem levy.

Water Quality Monitoring — the Watershed District monitoring program consists of over twenty stream sites and six lake sites.

Partnerships — the Watershed District continues to partner with the SWCDs in four counties, four Lake Associations, BWSR, MPCA, CROW Organization, along with city, community and government groups.



Clockwise from top left right: Crow River Clean-up in the Brooten/Belgrade area; bridge on Lake Koronis trail; students learning with an enviroscape model at Paynesville Waterfest; new dam at the Grove Lake outlet

FUTURE PROJECTS

Ditch Maintenance — maintenance and spraying projects for many public ditch systems are in the planning stage, which includes a sediment basin on JD-1 upstream of Grove Lake.

Drainage Record Modernization — plans to continue modernizing District drainage records include scanning maps and documents, updating maps with GIS and updating databases.

Erosion Repair Projects — projects are being planned for sites near Rice and Koronis Lakes and Sedan Brook.

Septic Certification Project — septic inspections will continue over the Watershed District during the next three years.

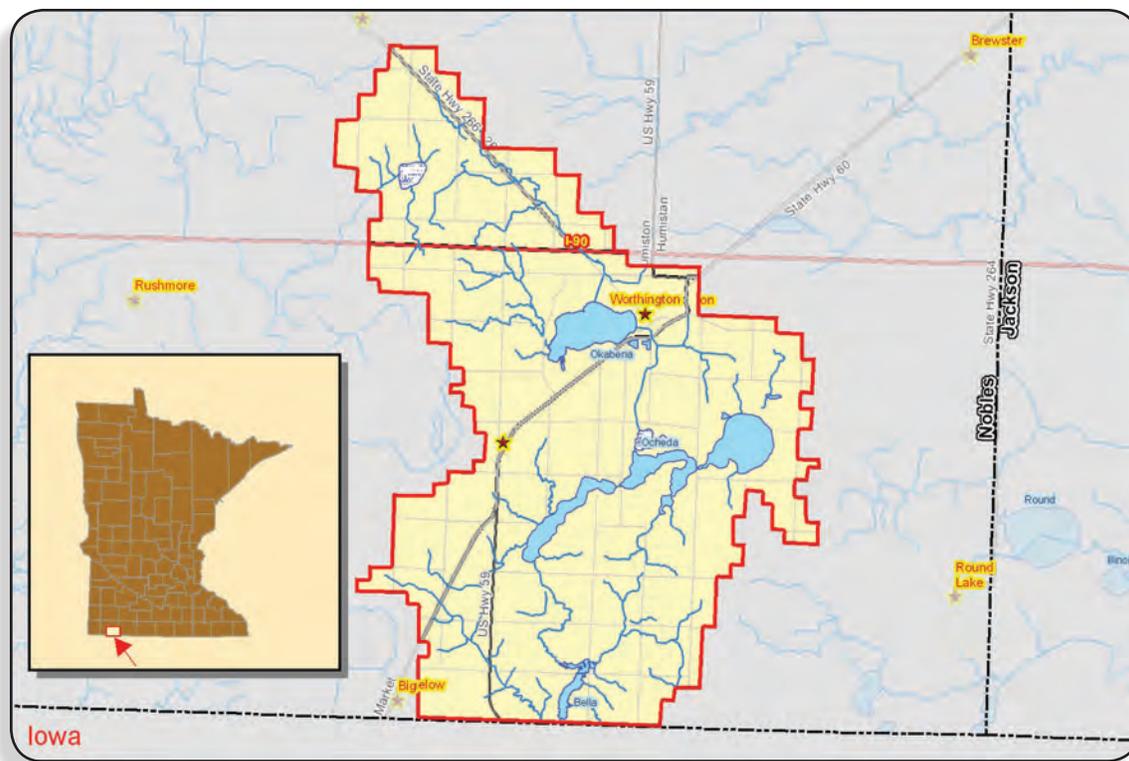
Rice Lake TMDL — a nutrient TMDL is scheduled for Rice Lake in 2009. Preliminary monitoring is being done.

2007 EXPENDITURES

| | |
|-----------------------------------|--------------|
| Total 2007 Expenditures | \$663,006.78 |
| Management/General Administrative | \$157,240.28 |
| Data Collection/Monitoring | \$26,499.78 |
| Permitting / Regulatory Programs | \$3,187.50 |
| Projects / Implementation | \$240,453.42 |
| Ditch Maintenance/Repair | \$215,060.37 |
| Education | \$20,565.43 |

Okabena-Ocheda

WATERSHED DISTRICT



GENERAL INFORMATION

Established: August 11, 1960
by citizen petition

Included Counties: Nobles

District Size: 71 square miles

Major Lakes: Okabena, Ocheda, Bella

Major Streams: Okabena Creek,
Ocheyedan River

Number of Staff: 1

2008 Taxable Market Value:
\$531,647,800

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|--------------------|----------------|--------|---|----------------|
| Lester Johnson | President | Nobles | 28967 County Rd 35, Worthington, MN 56187 | (507) 376-6828 |
| Rolf Mahlberg | Vice President | Nobles | 29403 Paul Ave, Worthington, MN 56187 | (507) 372-7521 |
| Jeff Rogers | Secretary | Nobles | 1009 Smith Ave, Worthington, MN 56187 | (507) 372-4381 |
| Jeffery Williamson | Treasurer | Nobles | 1638 S. Shore Ave, Worthington, MN 56187 | (507) 376-4015 |
| James Mc Gowan | Manager | Nobles | 670 West Shore Dr, Worthington, MN 56187 | (507) 376-6067 |

RECENT PROJECTS

Conservation Reserve Enhancement Program Program (CREP) incentive payments — for easements protecting critical groundwater and surface water resources. The District made payments to landowners totaling \$124,558 for this program.

Conservation Reserve Program Filter Strip incentive payments — implemented by the District beginning in 1997. The ongoing program, which will continue through 2022, provides incentive payments of \$100 per acre per year on approximately 328 acres of CRP filter strips to protect surface water in critical sub-watersheds.

Wellhead Protection Partnership — worked with Pheasants Forever, the Minnesota DNR and Worthington Public Utilities to purchase 155 acres of marginal agricultural land in Worthington’s wellhead protection area. A wetland was restored and upland buffer created in the critical recharge area for the City’s wells. The land will be donated to the DNR in 2009 to become part of the Wachter Slough WMA.

Education Materials — work with the City of Worthington to annually produce and distribute education materials on non-point source pollution prevention programs for City residents.

Environmental Education Programs — sponsored by the District through partnerships with the Natural Resources Conservation Service and US Fish and Wildlife Service for approximately 600 fifth-grade students at the Worthington Prairie Wetland Learning Area.

Water Monitoring — worked with the MPCA and volunteers to monitor lakes in the District. The data will be used by the Agency to assess whether the lakes should be listed as impaired.

Cost-Share Funding — provided by the District for rain gardens and agricultural Best Management Practices to prevent soil erosion and protect surface water quality.

Construction Site Erosion Control Program — for small construction site within the District

FUTURE PROJECTS

Continue — to work with public agencies and private wildlife organizations to pursue conservation easements and property purchases to protect and preserve the District’s surface and ground water resources.



Lake Okabena

Continue — to offer Best Management Practices cost-share and filter strip incentive payments throughout the district to protect surface and groundwater quality.

MS4 Stormwater Pollution Prevention Program Education Programs — will continue to work with the City of Worthington and the Heron Lake Watershed District to educate citizens about stormwater pollution prevention.

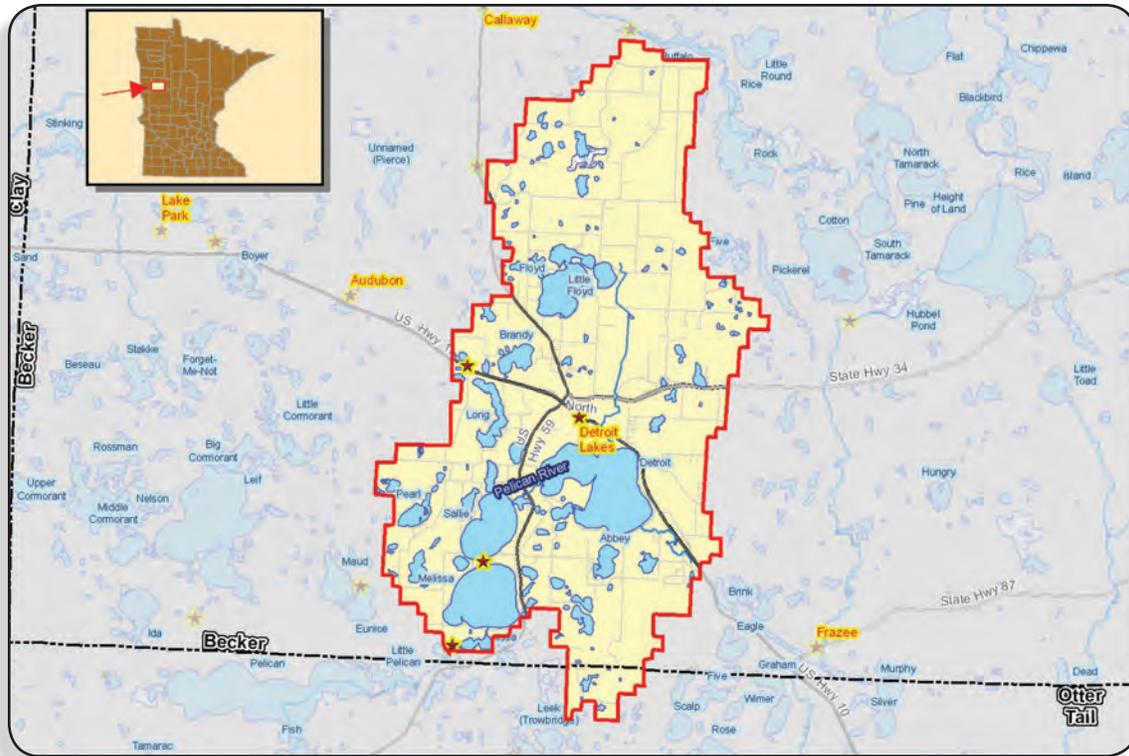
Worthington Wellhead Protection Plan — will be implemented and coordinated effort with Worthington Public Utilities.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Management / General Administrative | \$71,722 |
| Data Collection / Monitoring | \$1,910 |
| Permitting / Regulatory Programs | \$2,000 |
| Projects / Implementation | \$130,348 |
| Water Management Programs | \$2,676 |
| Public Education Programs | \$1,253 |

Pelican River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: May 27, 1966 by
Community and Lake Association
leaders

211 Holmes St W, Suite 201
PO Box 1043
Detroit Lakes, MN 56502
Phone: (218) 846.0436

Fax: (218) 846.0778
www.prwd.org

Included Counties: Becker, Otter Tail

District Size: 120 square miles

Major Lakes: 144

Ditch Systems: 3

Wetlands: 11,957 acres

Pelican River: 8.3 miles

Number of Staff: 3 full-time, 2 part-
time, 2 seasonal

2008 Taxable Market Value:
\$1,486,436,756

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|----------------|----------------|--------|--|----------------|
| Dennis Kral | President | Becker | 26463 Paradise Point Rd, Detroit Lakes, MN 56501 | (218) 847-4491 |
| Orrin Okeson | Vice President | Becker | 24360 County Rd 113, Detroit Lakes, MN 56501 | (218) 847-7983 |
| David Brainard | Secretary | Becker | PO Box 662, Detroit Lakes, MN 56502 | (218) 847-8214 |
| Ginny Imholte | Treasurer | Becker | 720 South Shore Dr, Detroit Lakes, MN 56501 | (218) 847-4236 |
| Janice Haggart | Member | Becker | 25591 Muskrat Lake Rd, Detroit Lakes, MN 56501 | (218) 846-1168 |
| Bill Jordan | Member | Becker | 23321 South Melissa Dr, Detroit Lakes, MN 56501 | (218) 847-3416 |
| William Wickum | Member | Becker | 23847 N Long Lake Rd, Detroit Lakes, MN 56501 | (218) 847-3373 |

RECENT PROJECTS

Upper Pelican River Nutrient Reduction Project — \$2.6 million PL-566 Federal Project; MPCA Clean Water Partnership Grant/Loan Funding; WRP/RIM to reduce nutrient loads to Big Detroit Lake. The project will include restoration and impoundment of Rice Lake wetland, township road improvement, and installation of various agricultural best management practices. USDA Wetland Reserve Program (WRP) and Reinvest in Minnesota (RIM) programs with Minnesota Pollution Control Agency Clean Water Partnership grant and loan monies will be utilized for project implementation which began in 2008.

Monitoring Program — to assess water, this program quality involves 17 lake sites, 19 stream sites, 750 separate observations, 1,100 lab tests, 257 Secchi measurements, thousands of observations with automated equipment for precipitation, stream and lake water levels. District staff, including student interns, do this work in order to diagnose problems and evaluate solutions.

Sewer and Water Supply Alternatives Analysis — covering Big/Little/Upper Floyd Chain of Lakes; Monson/Fox/Muskrat/Sallie/Melissa Chain of Lakes. In response to requests by lake associations and township officials, the District contracted with Wenck Associates to provide information on sewage treatment options around several District lakes. Options included annexation to the city of Detroit Lakes, regional sewer district, or private cluster systems. In pursuing the study, the Wenck company staff surveyed all of the lakes and worked with local officials, including those from the city of Detroit Lakes.

Education — presentations are made to numerous organizations and lake association groups. In 2007 the District sponsored a Lakeshore Restoration Workshop for over 50 contractors. The District also supports various high school and elementary environmental events. These efforts together with the District’s website and printed materials are aimed at increasing awareness and understanding of water quality problems and solutions, and effecting long-term changes in behaviors which are detrimental to water quality.

Aquatic Plant Management — Project 1 B-Sallie/Melissa and Project 1C Detroit, projects petitioned by the citizens to assist with controlling aquatic plants. Recent focus has been on the control of exotic species, especially Flowering Rush and curly-leafed pondweed. Herbicides were applied to all known Flowering Rush sites from 2006-2008, and will continue in 2009.

The District continues to partner with Becker SWCD and USDA Natural Resources Conservation Service to cost-share best management projects located within the District’s targeted priority area (Campbell Creek/Ditch 12).



Water Management Rules — in 2007, 54 permits were issued for land alterations in the shore impact zone, impervious surface changes, subdivisions, and highways or parking lots in the District. The District’s engineering firm, Wenck Associates, assists in reviewing plans and applications. The District also works closely with Becker County and city of Detroit Lakes zoning departments. In 2007, St. Mary’s Hospital installed an underground stormwater treatment system, the first in the District.

FUTURE PROJECTS

Many of the activities described above will continue. Among the new initiatives for 2008 and beyond are:

Long-term aquatic management — a plan for seven lakes aimed at identifying additional treatment needs will be started in 2008; the first step will involve aquatic plant mapping for all lakes involved in the planning area. Starting in November 2008, public and various governmental agencies input will be solicited for the plans.

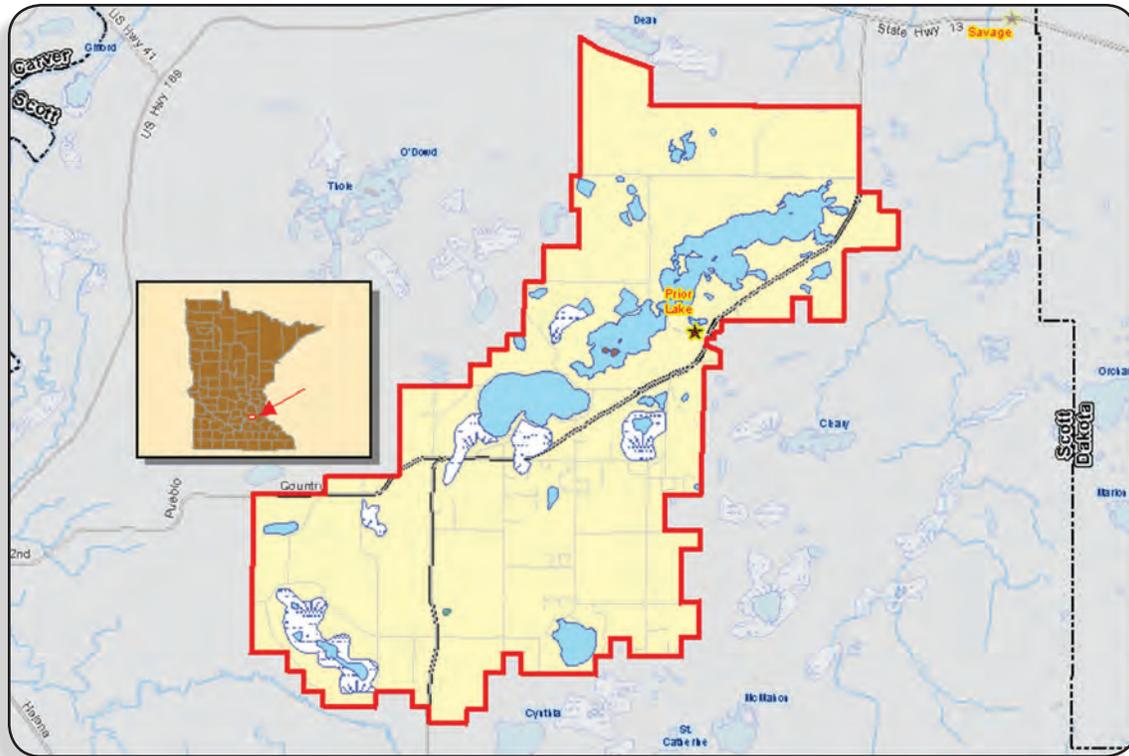
Updating and reconfiguring monitoring data — examining data collected since 1993 to make them more accessible for analysis and submission to Storet.

2007 EXPENDITURES

| | |
|---|-----------|
| Total | \$447,250 |
| Programs & Operations: | \$82,600 |
| Planning, Projects & Cost Share: | \$55,600 |
| Permitting/Regulatory: | \$73,350 |
| Data Collection and Monitoring: | \$36,100 |
| Education & Outreach: | \$19,800 |
| Ditch Management: | \$10,800 |
| Aquatic Plant Management– Project 1B/1C: | \$119,000 |
| Capital Outlay: | \$8,000 |
| 319 CWP Loan Payment – | \$42,000 |

Prior Lake-Spring Lake

WATERSHED DISTRICT



GENERAL INFORMATION

Established: March 4, 1970
by citizen petition

15815 Franklin Trail SE, Suite 100
Prior Lake, MN 55372
Phone: (952) 447-4166
Fax: (952) 447-4167

Info@plslwd.org
www.plslwd.org

Included Counties: Scott
District Size: 43 square miles

Major Lakes: Upper Prior, Lower Prior,
Spring, Fish, Rice, Pike

Number of Staff: 4
2008 Taxable Market Value:
\$3,275,711,000

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|------------------|----------------|--------|--|----------------|
| Craig Gontarek | President | Scott | 15721 Island View Rd, Prior Lake, MN 55372 | (952) 440-2455 |
| William Kallberg | Vice President | Scott | 2550 S Shore Dr, Prior Lake, MN 55372 | (952) 447-7825 |
| William Schmokel | Secretary | Scott | 4151 Grainwood Circle NE, Prior Lake, MN 55372 | (952) 447-4151 |
| Larry Mueller | Treasurer | Scott | P.O. Box 669, Prior Lake, MN 55372 | (952) 447 3258 |
| Roger Wahl | Manager | Scott | 16510 Inguadona Beach, Prior Lake, MN 55372 | (952) 447-2890 |

RECENT PROJECTS

The signing of MOAs for permitting — these agreements with the cities of Savage and Prior Lake and Scott County were executed once the rules and permitting requirements were determined equivalent to those of the Watershed District so as to reduce duplication in government.

Signing of the Prior Lake Outlet Channel MOA/JPA — This historic agreement between the Watershed District, Cities of Prior Lake and Shakopee, and the Shakopee Mdewakanton Sioux community covers the construction, use, operation, and maintenance of the Prior Lake Outlet channel from Prior Lake to the Minnesota River.

Agricultural Best Management Practices — through a partnership with Scott Soil and Water Conservation District, the District promotes installation of buffer strips, development and use of nutrient management plans and conservation tillage.

Ongoing Ferric Chloride treatment — the District uses this unique system to treat surface water so as to reduce phosphorus prior to entering Spring Lake.

Curlyleaf Pondweed management on Spring and Fish Lakes — an ongoing cooperative effort with lakeshore owners to manage the growth of curlyleaf pond weed and promote the growth of aquatic vegetation that is native and more ecologically beneficial. Previous year’s treatment has been so successful that Spring Lake has not needed treatment for two years.

Education Programs — these have included over 600 children from Jeffers Pond Elementary helped to plant 300 trees around their playground; 48 rain barrels were purchased through a four-week District promotion to redirect rainwater runoff; and staff participated in three days of environmental education for grade schools in the area.

Innovative Water Management Grant Program — provided grants to homeowners, business, and local government to encourage innovative water management practices that improve water quality and volume management in the watershed, including shoreland restoration, raingardens, and installation of pervious or porous pavers that allow rainwater to soak into the ground at business sites rather than discharged as run off.



Wetland restoration near Highway 13

FUTURE PROJECTS

Prior lake Outlet Channel Restoration Project — the District will continue and complete the bulk of this restoration activity in 2009.

Outlet Box Reconstruction — the outlet box structure for Prior Lake is scheduled for replacement with construction expected in 2009.

Total Maximum Daily Load (TMDL) Implementation Plan Development — the WD will complete the nutrient TMDL documents for Spring and Upper Prior Lakes by the end of 2009. The District will continue to proactively work with stakeholders in preparation for development of the implementation plan.

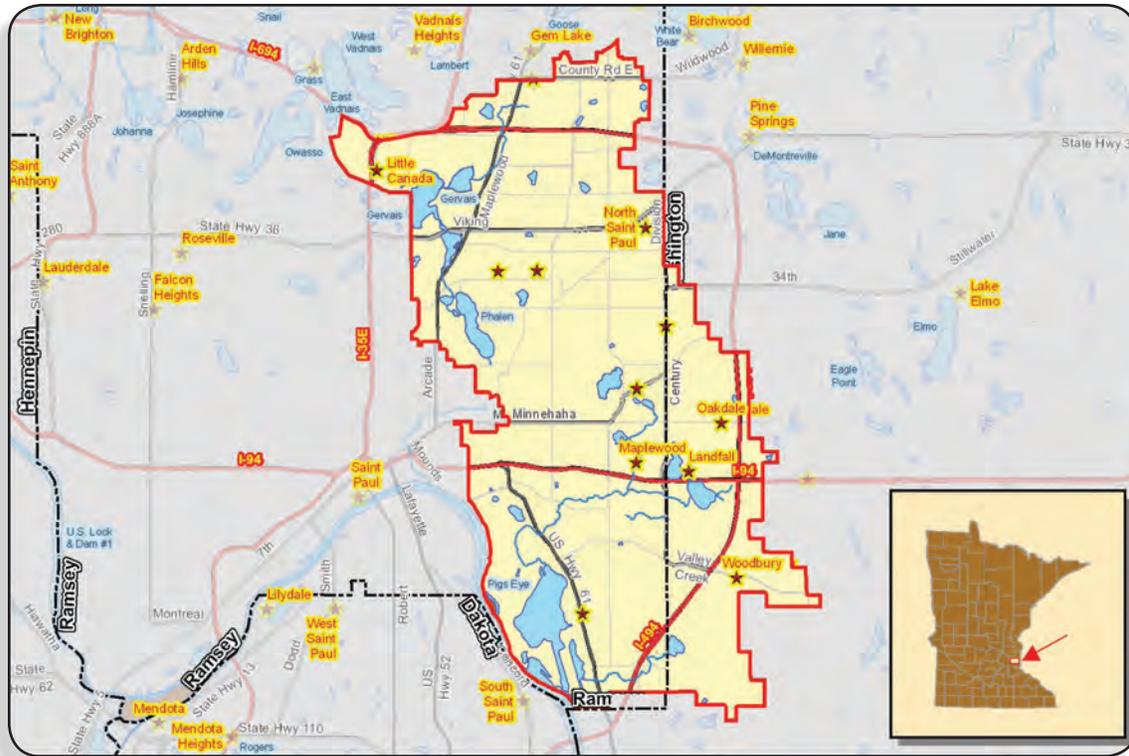
WRMP Completion — the WD has started on the revision of the Water Resources Management Plan that is to be completed in 2009.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total 2007 Expenditures | \$730,996 |
| Management / General Administrative | \$168,622 |
| Planning Program Development | \$18,051 |
| Data Collection / Monitoring | \$20,183 |
| Permitting / Regulatory Programs | \$44,821 |
| Projects / Implementation | \$112,924 |
| Water Management Programs | \$119,863 |
| Outlet Maintenance | \$3,144 |
| Education | \$15,617 |
| JPA/MOA | \$227,767 |

Ramsey-Washington Metro

WATERSHED DISTRICT



GENERAL INFORMATION

Established: February 24, 1975
by dual Ramsey County and citizen
petitions

2665 Noel Drive
Little Canada, MN 55117
Phone: (651) 792-7950
Fax: (651) 792-7951

office@rwmwd.org
www.rwmwd.org

Included Counties: Washington,
Ramsey

District Size: 56 square miles

Major Water Bodies: 5 major creeks,

11 lakes, about 1,000 wetlands, and
6 subwatersheds draining into the
Mississippi River

Number of Staff: 12

2008 Taxable Market Value:
\$13,435,076,000

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|----------------|----------------|------------|--|----------------|
| Roger Lake | President | Ramsey | 2442 Jansen Ave, White Bear Lake, MN 55110 | (651) 777-3426 |
| Paul Ellefson | Vice President | Ramsey | 2888 Bartelmy Ln, Maplewood, MN 55109 | (651) 624-3735 |
| Jack Frost | Treasurer | Ramsey | 2324 Maple Ln, Maplewood, MN 55109 | (651) 602-1078 |
| Robert Johnson | Secretary | Ramsey | 418 Burlington Rd, St. Paul, MN 55119 | (651) 738-3910 |
| Pamela Skinner | Manager | Washington | 6553 2nd St N, Oakdale, MN 55128 | (651) 738-9303 |

RECENT PROJECTS

New Watershed Management Plan (completed 2007) — this plan provides a new concise strategic overview with specific watershed management detail required by state rules.

Tanners Lake Water Quality Improvement Project (completed 1996) — this project received an EPA stormwater project of the year award in 1999 for its innovation and successful results. This project includes multiple improvements including an alum treatment system.

Lake Phalen Shoreline Restoration Project (completed 2007) — this is the largest shoreline restoration project (approximately 2 miles of shoreline) in Minnesota and has received nationwide recognition and several awards for its success and innovative techniques.

District Office Building Construction (completed 2005) — this project provides District headquarters office and meeting space and a unique demonstration site for innovative urban stormwater best management practices (BMPs).

Kohlman Lake TMDL Study and Implementation Plan (completed 2008) — this study was completed using District and MPCA TMDL funds to develop a plan for lowering lake phosphorus levels to meet state standards.

BMP Cost-Share Program (started in 2006 and continuing) — the District created this program to provide financial incentives to private and public landowners to install BMPs to reduce stormwater runoff volume and improve water quality.

Valley Creek Road Infiltration Project (completed in 2002) — this is an innovative infiltration project to capture, infiltrate and treat runoff from an area of Woodbury that is tributary to the unique Tamarack Swamp.

Carver Lake Watershed Porous Pavement Project (completed 2004) — this project replaced two asphalt cul-de-sacs with an ecostone paver surface to infiltrate stormwater. The District monitored this project to document its performance and reduced runoff volume.

Fish Creek Repair Project (completed 2006) — this project repaired the Fish Creek channel and banks (originally repaired in 1989) that were damaged by the runoff from a six-inch rainfall event in October 2005. This project modified and improved the original project design.

Kohlman Basin Enhancements (2007-2008) — improvements to the existing Kohlman Basin Project to improve phosphorus removal efficiency. These improvements



Ramsey Washington Metro Watershed District office

included a permeable lime barrier and an enhanced sand filter treatment system.

FUTURE PROJECTS

Hwy 61/Hwy 36 Intersection Water Quality Improvements (2010) — improvements within and near the intersection to treat runoff leading to Keller Lake and keep Keller Lake off the state's impaired waters list.

Street Infiltration Demonstration Project (2009) — the District will be collaborating with a District city to implement a demonstration project to install stormwater volume reduction BMPs in an existing city street area.

Kohlman Lake Macrophyte Management Plan (2007-2010) — A multi-year plan to manage lake macrophytes to allow treatment of lake sediments to limit phosphorus resuspension.

Kohlman Lake Carp Control (2007-2010) — in cooperation with the University of Minnesota, research the lake carp population to identify best approach for carp population control to limit carp contribution to phosphorus production and resuspension.

2007 EXPENDITURES

| | |
|-------------------------------------|-------------|
| Total 2007 Expenditures | \$3,338,514 |
| Management / General Administrative | \$496,932 |
| Data Collection / Monitoring | \$89,234 |
| Permitting / Regulatory Programs | \$234,876 |
| Projects / Implementation | \$1,084,141 |
| Water Management Programs | \$1,041,952 |
| Misc | \$171,052 |
| Other | \$374,234 |

RECENT PROJECTS

Euclid East and Brandt Impoundments — a \$5.7 million project that was part of Gov. Tim Pawlenty’s Clean Water Initiative. Completed in the summer of 2007, this is designed to store floodwaters from a 43-square-mile drainage area upstream of the City of Euclid and provides a 5-year protection to various legal drainage systems.

Brandt Channel Restoration — a two-phase project located downstream of the Brandt Impoundment. The project restored a two-mile natural waterway back to its pre-agricultural design. This project also established an 80-acre perpetual grassland and natural corridor along the two miles of restored channel.

Ditch System Improvements and Maintenance — on approximately 290 miles of legal drainage systems, most recently the improvement to and establishment of a lateral consisting of 10 miles of a legal ditch system once known as Polk County Ditch #53 and renamed Red Lake Watershed District Ditch #12. The district has also completed a ditch inventory and mapping project that developed a state-of-the-art inventory system of all legal drainage under the jurisdiction of the District. This was made possible through a grant from the Board of Water and Soil Resources.

Farm to Stream Tile Drainage Water Quality Study — designed to gather real-world data to better understand the potential impact that increased tile drainage may have within the Red River Basin.

Red River Watershed Assessment Protocol Project — a BWSR-funded project completed by the District that developed the “Standard Operating Procedures for Water Quality Monitoring in the Red River Watershed” and the “Red River Watershed Water Quality Reporting Handbook.”

FUTURE PROJECTS

Grand Marais Outlet Restoration Project — reconstruct the original Grand Marais channel back to its early 1900s design, thus restoring low flows back into the original 6 miles of the creek which was abandoned. The District goals are to continue with the engineering and if the project proceeds, secure funding in 2010.



Euclid East Impoundment Outlet Structure

City of Clearbrook Stormwater Retention Ponds — initiated by the Red Lake Watershed and Clearwater County Soil and Water Conservation District to address pollutants that flow into streams within the city of Clearbrook.

Thief River Watershed Sediment Investigation — to identify the true source of water quality problems within the Thief River watershed. This project will continue through 2009.

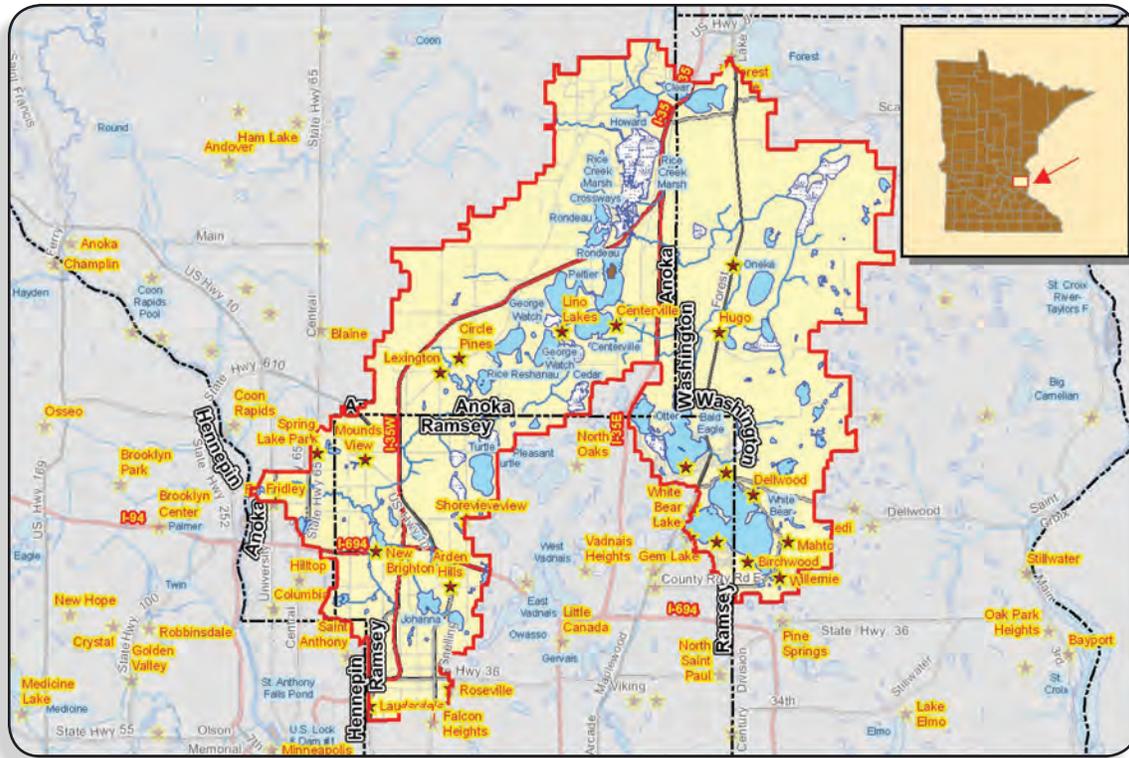
Clearwater River TMDL Study — a watershed-based water quality impairment study in the Red River Basin in Minnesota. This study should be completed mid-summer 2009.

2007 EXPENDITURES

| | |
|----------------------------------|-------------|
| Total 2007 Expenditures | \$3,260,923 |
| District Operation | \$208,516 |
| Data Collection / Monitoring | \$157,173 |
| Permitting / Regulatory Programs | \$63,915 |
| Special Revenue | \$571,474 |
| Capital Projects | \$1,684,028 |
| Capital Outlay | \$575,817 |

Rice Creek

WATERSHED DISTRICT



GENERAL INFORMATION

Established: January 18, 1972 by
Anoka, Ramsey, Washington County
petition

4325 Pheasant Ridge Dr, Ste 611
Blaine, MN 55449-4541
Phone: (763) 398-3070
Fax: (763) 398-3088

www.ricecreek.org

Included Counties: Washington, Anoka,
Hennepin, Ramsey

District Size: 201 square miles

Major Lakes: 60

Steams and Ditches: 150 miles

Number of Staff: 9

2008 Taxable Market Value:
\$20,805,700,100

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|------------------|-----------|------------|---|----------------|
| Patricia Preiner | President | Washington | 14474 W Freeway Dr, Columbus, MN 55025 | (651) 982-9999 |
| Barbara Haake | 1st VP | Ramsey | 3024 County Rd I, Mounds View, MN 55112 | (763) 786-1022 |
| John Waller | 2nd VP | Washington | 14010 Homestead Ave N, Hugo, MN 55038 | (651) 426-7331 |
| Rick Mastell | Treasurer | Anoka | 1580 Sedge Ct, Lino Lakes, MN 55038 | (651) 639-9017 |
| Harley M. Ogata | Secretary | Ramsey | 5633 Hugo Rd, White Bear Twp, MN 55110 | (651) 653-0885 |

RECENT PROJECTS

District Facilities Inventory and Assessment — started in 2008, this project is addressing the aging infrastructure of over 30 various types of water control structures built in the 1970s to control flooding and enhance water quality in the lower portion of the watershed.

TMDL Studies — completed TMDL studies in 2008 for Hardwood Creek, Silver Lake, Anoka County Chain of Lakes, and Peltier/Centerville lakes to address water quality impairments for excess nutrients, total suspended solids (sediment), and biota.

Lake Management — continued implementation of a pilot Curly Leaf Pondweed control in Bald Eagle and Roshenau lakes. Curly Leaf Pondweed is an invasive plant and is a leading contributor to severe summer algae blooms in the District’s shallow lakes. The District also completed a study in 2008 of small urban lakes in the southwestern portion of the watershed, which provides an implementation strategy for addressing water quality concerns that have been expressed by citizens in this area.

Resource Management Plans — completion of resource management plans for the JD4/ACD15 public drainage system and the City of Lino Lakes were completed in 2008. These plans provide a comprehensive approach to managing wetlands, stormwater runoff, water quality and public drainage systems in areas where rapid develop is anticipated in the next 5 to 10 years.

Blue Thumb Program — developed by the District in 2004, this award-winning web-based program provides information to landowners seeking to improve their lake, stream, and backyards with native plants and water quality best management practices. The program has over 40 partners comprised of government agencies, citizens, and nursery retailers.

Long Lake Sediment Basin Clean-Out — removal of approximately 29,000 yards of sand out of the sediment basin that was constructed as a District facility to remove sediment and nutrients before Rice Creek flows into Long Lake.

Drainage System Management — started in 2008 provides a systematic, comprehensive approach to addressing public drainage systems, providing predictability to benefitted property owners, municipalities that depend on these systems as part of their stormwater conveyance, and the District, which is the public drainage authority.



Hardwood Creek Restoration Project

Water Quality Restoration Cost-Share — provides financial and technical assistance to both municipalities and landowners for projects that remediate negative water quality and water quantity impacts from urban and suburban stormwater runoff through construction of on-the-ground projects.

FUTURE PROJECTS

Water Quality Activities — complete a TMDL Study for Bald Eagle Lake, and continue to research and assess the control of aquatic invasive species and carp, which are major contributors to poor water quality in shallow lakes.

Capital Improvement Program Early Coordination — provide early coordination with cities on their capital road and building projects to streamline permitting and maximize opportunities for joint projects.

TMDL Implementation — completion of five TMDL implementation plans and initiation of feasibility studies to evaluate identified projects.

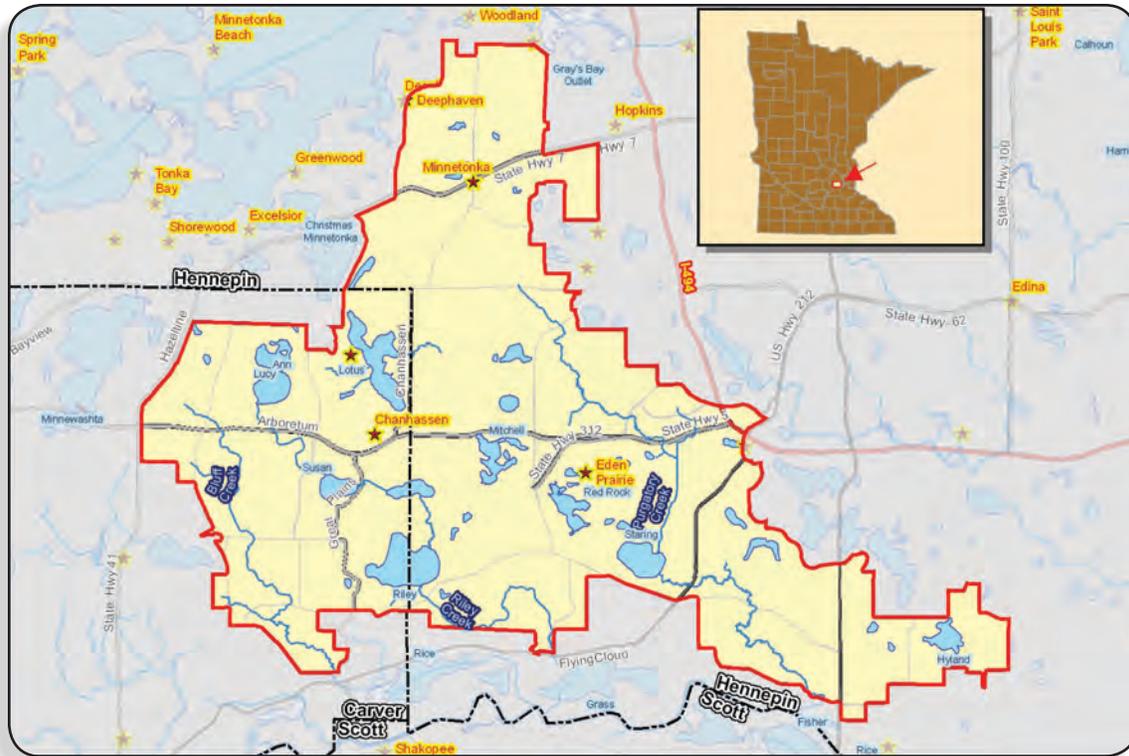
Watershed Management Plan Revision — revision of the District’s Watershed Management Plan in 2009. The Plan guides District priorities and water resource management efforts for the next ten years.

2007 EXPENDITURES

| | |
|-------------------------------------|-------------|
| Total 2007 Expenditures | \$3,948,320 |
| Management / General Administrative | \$400,211 |
| Data Collection / Monitoring | \$250,000 |
| Permitting / Regulatory Program | \$694,696 |
| Projects / Implementation | \$931,092 |
| Water Management Programs | \$471,970 |
| Environmental Education / Outreach | \$107,509 |
| Information Management / Research | \$108,039 |
| Ditch & Creek Maintenance | \$984,803 |

Riley-Purgatory Bluff Creek

WATERSHED DISTRICT



GENERAL INFORMATION

Established: July 31, 1969
by citizen petition

Krebsbach & Haik, Ltd.
100 South Fifth Street
Suite 1900
Minneapolis, MN 55402
Phone: (612) 333-7400
www.rileywd.org

Included Counties: Hennepin, Carver

District Size: 47 square miles

Major Lakes: Ann, Duck, Hyland,
Lotus, Lucy, Mitchell, Red Rock, Rice
Marsh, Riley, Round, Staring, Silver,
Susan

Number of Staff: 3

2008 Taxable Market Value:
\$13,249,167,600

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|---------------------|----------------|----------|-----------------------|----------------|
| Michael J. Casanova | President | Hennepin | mcasanova@rileywd.org | (952) 937-8372 |
| Kenneth Wencil | Vice President | Carver | kwencil@rileywd.org | (952) 906-2181 |
| Howard L. Peterson | Treasurer | Hennepin | hpeterson@rileywd.org | (952) 934-2050 |
| Kristine Sundberg | Secretary | Hennepin | ksundberg@riley.org | (952) 239-6394 |
| Perry Forster | Manager | | pforster@rileywd.org | |

RECENT PROJECTS

Riley Lake-Rice Marsh Lake Basic Water Management Project — petitioned by the Cities of Chanhassen and Eden Prairie, and based upon the Lake Riley Use Attainability Analysis, this \$2,400,000 project treats lake sediments with alum to abate prior sewage discharges and constructs detention basins throughout the watershed of the lakes to restore and protect a lake designated by the Metropolitan Council as a lake of regional importance.

Staring Lake-Purgatory Creek Recreation Area Basic Water Management Project — petitioned by the City of Eden Prairie, this \$3,000,000 project constructed outlet and trail system to provide more than 600 acre-feet of flood storage including a basin for water quality treatment of 15,000 acres of tributary watershed as well as habitat improvement for water fowl; the trail system was coordinated with municipal park systems to provide paved trails for citizen recreation.

Purgatory Creek Use Attainability Analysis — planned and implemented under the approved Water Management Plan of the District, this project analyzed the existing and attainable uses to identify and prioritize basic water management projects for protecting and conserving this creek.

Lake Use Attainability Analyses — planned and implemented under the approved Water Management Plan of the District, the projects analyzed the existing and attainable uses to identify and prioritize basic water management projects for protecting and conserving the following lakes: Red Rock, Lotus, Staring Lake, Mitchell, Hyland, Silver, Susan, Riley, Ann, Lucy.

Riley Creek Water Management Project — petitioned by the City of Eden Prairie, this \$4-million project entailed development of a hydrologic and hydraulic model to evaluate and implement stream bank restoration to abate turbidity impairments and improve habitat and reduce sedimentation to the Lower Minnesota River.

Riley Creek - Lake Riley Outlet Improvement Project — completed in November 2008, this project will resolve persistent high water levels that are impacting recreational use of Lake Riley, which is a metropolitan and regionally significant lake. The problems are due to the large land area tributary to Lake Riley and the relatively small outlet capacity. The outlet is subject to frequent plugging, thereby exacerbating and aggravating high water conditions. Debris blockages at the upstream end of the culvert have caused public safety concerns.



Staring Lake Outlet-Purgatory Creek Recreation Area Basic Water Management Project. The photo shows the coordinated trail for recreation as part of the flood storage and water quality basin.

FUTURE PROJECTS

Round Lake Water Management Project — petitioned by the City of Eden Prairie and based upon the Round Lake Use Attainability Analysis, this \$2-million project will enhance existing water quality detention basins and add new basins along with alum treatment of sediments to reduce in-lake phosphorous concentrations.

Purgatory Creek XP-SWM Computer Model — this \$500,000 project intends development of an updated hydrologic and hydraulic model to re-assess delineated floodplain, evaluate adequacy of crossing capacities, and analyze project alternatives for avoiding or abating turbidity or habitat impairments.

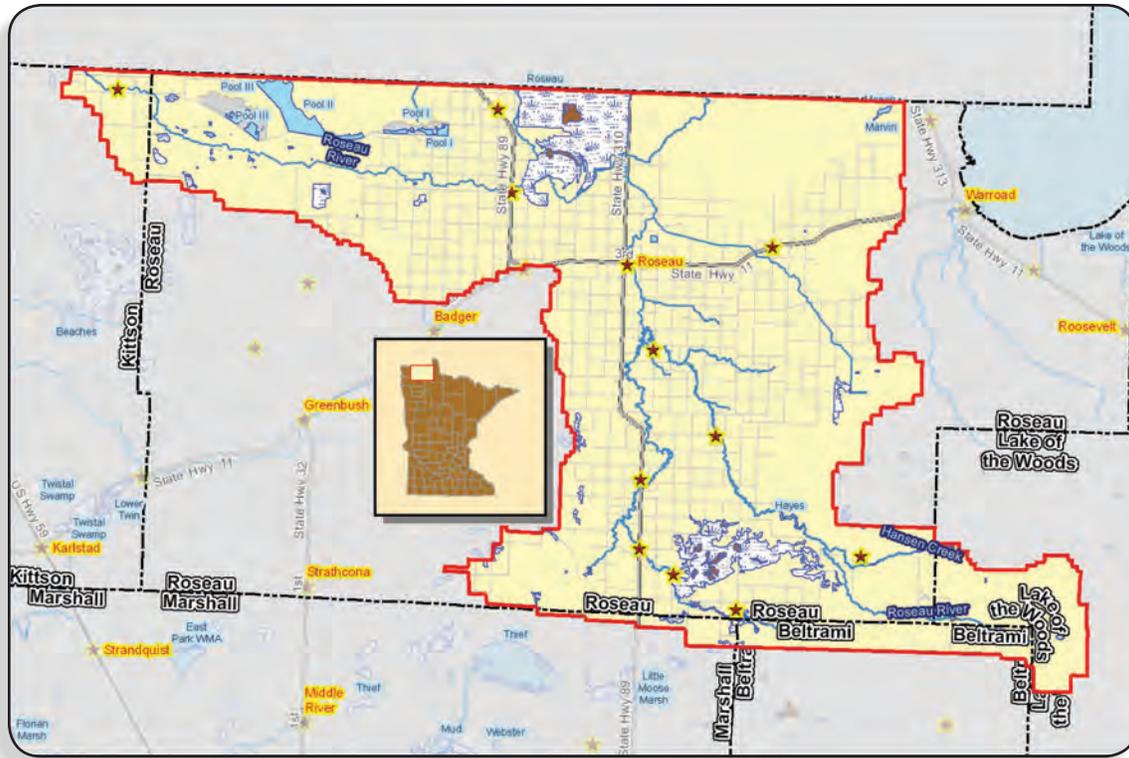
Lotus Lake Water Quality Improvement Project — Infestations of Eurasian water milfoil and curly leaf pondweed, and destabilized shoreline contribute to impairment of water quality and recreational use of Lotus Lake. The District's analysis recommended a multi-year approach to alum treatments to manage phosphorus and reduce algal blooms, and herbicide and other treatments to control invasive aquatic plants. Implementation is expected to extend over the next decade with monitoring and reporting of success.

2007 EXPENDITURES

Not provided - please contact the District.

Roseau River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: June 17, 1963

PO Box 26

Roseau, MN 56751-0026

Phone: (218) 463-0313

Fax: (218) 463-0315

Included Counties: Beltrami, Kittson,
Lake of the Woods, Marshall, Roseau

District Size: 1,147 square miles in the
U.S. and 2,057 miles in Canada and U.S.

Major Lakes: Hayes

Number of Staff: 2

2008 Taxable Market Value (TMV):
\$479,079,300

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|------------|---------|--------------------------------------|----------------|
| Laverne Voll | Chair | Roseau | 35572 520th Ave, Salol, MN 56756 | (218) 463-3403 |
| LeRoy Carriere | Secretary | Roseau | 504 Fourth Ave NE, Roseau, MN 56751 | (218) 463-3467 |
| Allison Frislie | Member | Kittson | 3873 47th Ave, Lancaster, MN 56735 | (218) 762-4621 |
| Steve Lee | Treasurer | Roseau | 29743 County RD 10, Badger, MN 56714 | (218) 463-3620 |
| Todd Miller | Vice Chair | Roseau | 52630 County RD 2, Warroad, MN 56763 | (218) 689-3717 |

RECENT PROJECTS

West Interceptor Project — the Roseau West interceptor project is both a flood control and natural resource enhancement project. The project will reduce flood damage to the City of Roseau by re-routing waters that currently flow overland into the city. Before the project was completed, these floodwaters have caused great damage, especially in the portion of the city west of the Roseau River. The project has eliminated this flood problem, while simultaneously restoring wetlands four miles northwest of the city of Roseau. In addition to this restoration, the 7.5 mile interceptor channel will provide 170 acres of permanent grassland over its entire length. This project was completed in 2007 and was a cooperative effort with the City of Roseau.

Palmville Project — the Palmville project is a flood damage reduction and natural resource enhancement project located in the South Fork of the Roseau River watershed. There is a fen covering approximately 3,000 acres located in the upper watershed of the South Fork of the Roseau River, primarily on land owned and managed by the MN DNR. The fen has been degraded by construction of judicial and county ditch systems over the last 100 years. The existing conditions only allow minimal amounts of 1- to 10-year runoff events out of the channel banks as surface flow spilling out into the surrounding fen. Flood control benefits will be provided to immediate areas downstream, the city of Roseau and the city of Wannasaka. Fen restoration will be accomplished by encouraging a greater depth and duration of surface and subsurface flow to spill from the main channel and seep into the adjacent fen through the placement of two stop-log structures. This project was a cooperative effort with Roseau County and the MN DNR.

Roseau River Duxby Levee (completed in 1993) — the U.S. Army Corps of Engineers project was planned, designed, and authorized as a channel improvement. Located in the townships of Dieter and Pohlitz in Roseau County, the project is designed for a five-year flood event with about six miles of earthen dike northwest of the city of Roseau.

Ring Dike Program — the District is involved with a cost-share program to help qualifying landowners construct an earthen levee dike around their homestead. The levee is designed by a qualified engineer and provides up to 100-year protection. The levee is cost-shared through the District at an 87.5% rate with the landowner responsible for 12.5% of the costs. The District has participated in over ten ring dikes so far. The program is funded through the State of Minnesota and the Red River Watershed Board.



Roseau River.

FUTURE PROJECTS

Hay Creek/Norland Project — planned construction 2009-2011.

The purpose of the project will provide flood damage reduction with respect to flows from the Hay Creek and Norland drainage areas in order to help reduce flood flows on the Roseau River, affecting the city of Roseau and areas downstream. The project would consist of setback levees along Hay Creek (CD#7) and an impoundment area that would hold 9,000 acre feet of gated and ungated storage. This is a cooperative effort through the State of MN and the Red River Watershed Board.

Malung Impoundment — the proposed impoundment would be upstream of the City of Roseau and would provide immediate relief when operated for the city of Roseau. The impoundment would hold approx. 3,000 to 4,000 acre feet of storage.

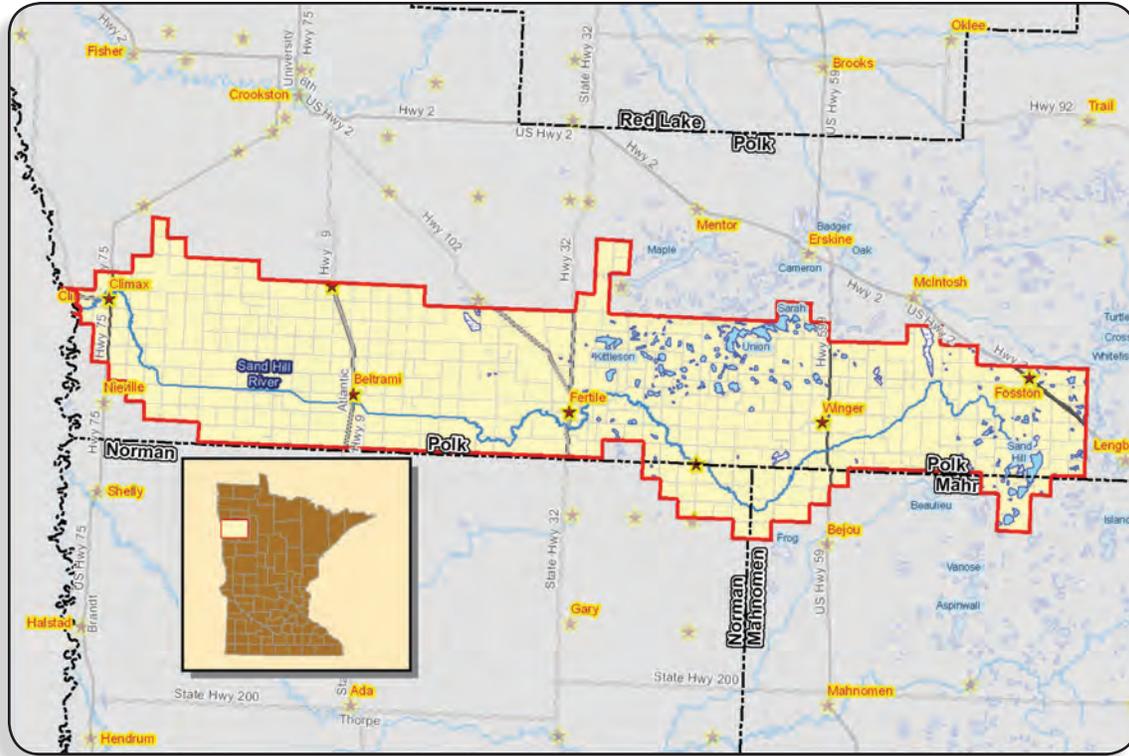
Roseau River Wildlife Management Area (RRWMA) — the District is currently looking at working with the MN DNR Wildlife on the possibility of a new drainage area out of Pool #3 in the RRWMA. The current release of water out of Pool #3 releases into a SE fashion, which is against the current flow of water coming from the Roseau River (SD#51).

2007 EXPENDITURES

| | |
|-------------------------------------|-------------|
| Total 2007 Expenditures | \$1,176,794 |
| Management / General Administrative | \$199,108 |
| Administrative construction | \$69,392 |
| Maintenance projects | \$142,871 |
| Flood control projects | \$638,853 |
| Drainage projects | \$126,570 |

Sand Hill River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: August 28, 1974
by citizen petition

219 North Mill Street, PO Box 584

Fertile, MN 56540

Phone: (218) 945-3204

Fax: (218) 945-3213

www.sandhillwatershed.org

Included Counties: Polk, Norman,
Mahanomen

District Size: 475 square miles

Major Lakes: Union, Sarah

Number of Staff: 2

2008 Taxable Market Value:

\$452,460,300

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|--------------------|----------------|--------|--|----------------|
| Roger Hanson | President | Polk | 24112 440th St SW, Beltrami, MN | (218) 926-5770 |
| Harold Vig | Vice President | Polk | 808 North Eaton Ave, Fosston, MN | (218) 435-1510 |
| Robert Brekke, Jr. | Secretary | Polk | PO Box 156, Nielsville, MN | (218) 946-3375 |
| Stuart Christian | Treasurer | Polk | 39261 Woodside Dr SE, Erskine, MN | (218) 687-3570 |
| Gordon Sonsteli | Manager | Polk | 39931 Sunset Shores Dr SE, Erskine, MN | (218) 687-2136 |

RECENT PROJECTS

Fish Passage — the Sand Hill River has six impediments to fish passage. The District has worked with the U.S. Army Corps of Engineers and the Minnesota DNR to develop a plan to address the problem areas. Box culverts replaced old culverts at Texas Crossing in the fall of 2006, and the West Mill Crossing has been lowered and small rock rip rap drop structures are in place.

Ditch and Road Improvement Project — worked with the Polk County Highway Department to upgrade 15.5 miles of ditches and 15 crossings from Polk County Road 41 at Climax to Highway 9 at Greenview.

Union Lake Erosion Control — a large rainfall caused severe erosion in the channel that drains into Union Lake. The District received a grant from BWSR and is working with the East Polk SWCD, the Lake Improvement District, the project team, and several landowners to repair the damage and prevent future damage. The project will be completed in 2007.

Hydraulic Modeling — Houston Engineering completed a modeling effort that is an essential step in developing projects that hold back water and have minimal effect on natural resources.

Ring Dikes — earth dikes of 3–6 feet tall were built to protect people’s homes and farmsteads from flooding. The District assisted several landowners, who shared in the project costs, and worked with the state and the Red River Watershed Management Board.



FUTURE PROJECTS

Ditch 46 — about 11 miles of ditch will be improved, featuring 4 to 1 side slopes, inlet pipes, rock rip rap drop structures, and grass filter strips, which will improve water quality while providing agricultural drainage.

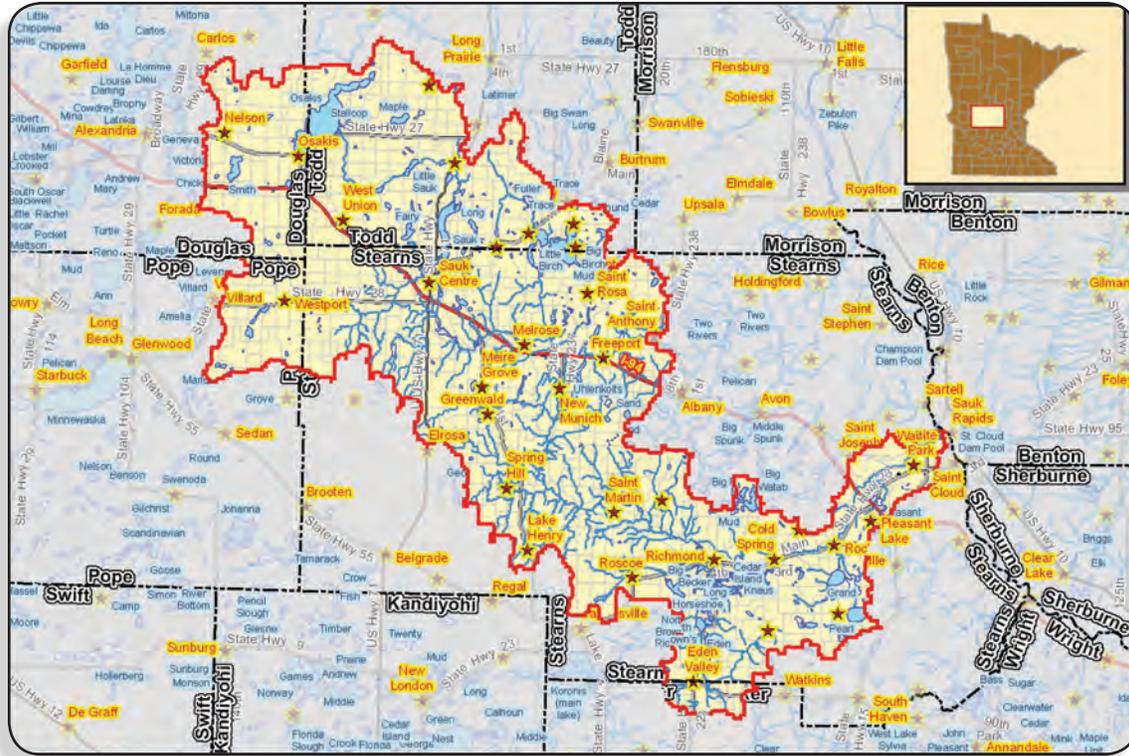
Overall plan — the District has just begun the process of upgrading its overall plan, which will involve everyone interested in the District’s water resources.

Garden slough — this flood control project will be located west of Rindahl.

Fish passage — four drop structures need to be fixed to develop viable solutions to fish barriers.

Sauk River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: 1986
by Lake Association petition

524 Fourth St
Sauk Centre, MN 56378
Phone: (320) 352-2231
Fax: (320) 352-6455
www.srwdmn.org

Included Counties: Stearns, Todd, Pope,
Douglas, Meeker

District Size: 1,041 square miles
Major Lakes: Osakis, Big Sauk, Big
Birch, Little Birch, Smith, Pearl, Grand,
Big Fish, Cedar Island, Horseshoe,
Maple, Fairy

Sauk River: 120 miles

Number of Staff: 7

2008 Total Market Value (TMV):
\$6,574,959,500

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|----------------|----------------|---------|---|----------------|
| Jim Kral | President | Todd | 11947 St. Hwy 27, Osakis, MN | (320) 859-2211 |
| Chub Hensley | Vice-President | Todd | PO Box 456, Osakis MN | (320) 859-3188 |
| Sharen Kutter | Treasurer | Stearns | 43892 Sylvia Crest Rd, Melrose, MN | (320) 256-5177 |
| Virgil Rettig | Secretary | Meeker | 394 Central Ave W, Eden Valley, MN | (320) 453-6841 |
| Dan Coughlin | Manager | Stearns | 526 1st St SE, Richmond, MN | (320) 597-4200 |
| Larry Kuseske | Manager | Pope | 15809 145th Ave, Villard, MN | (320) 554-2535 |
| Bob Mostad | Manager | Douglas | 17340 County Rd 76 SE, Osakis MN, | (320) 352-3272 |
| Richard Raeker | Manager | Stearns | 36253 Roanoke Ln, Melrose, MN | (320) 256-6202 |
| Jim Rothstein | Manager | Stearns | PO Box 217 286 Park Ave, St. Martin, MN | (320) 548-3647 |

RECENT PROJECTS

Comprehensive Water Monitoring — in 2008 the District expanded its monitoring program to 33 lakes and 40 streams in collaboration with other agencies (Stearns Soil and Water Conservation District, the Minnesota Pollution Control Agency and Stearns County Environmental Services).

District-Wide Water Festivals — every fourth-grade student within the SRWD and Stearns County had an opportunity to attend a Water Fest.

Osakis Lake Shoreland Demonstration Project — under the guidance of the District, three lakeshore owners restored their shoreline that had been eroding due to high water levels. The demonstration project covered about 350 feet of linear lakeshore and about 12,500 square feet of planting area. Significant boat traffic near a public access made this location a perfect spot for a demonstration, and it started a chain reaction.

Hickman Drive Stormwater Retention Basin — the District has been working with the City of Sauk Centre for many years in addressing stormwater. Monitoring results had indicated that the stormwater discharge point located along Hickman Drive contributed the most nutrients. The District worked with the city and its contract engineer to design a stormwater retention basin to collect the sediment and debris before discharging to Sauk Lake. Space was limited; therefore, an “S” shaped design was installed to provide longer retention time thus increasing sediment reduction. The District cost-shared 50% of the project utilizing grant funds from the Big Sauk Lake Basin Restoration Project.

Hydrology Study on Stoney Creek — in 2005 the District worked with the Spring Hill Township officials to address flooding concerns. Interfluv Consulting was contracted to do a hydrologic survey and to recommend possible flooding remediation. The results of the study are being reviewed by the township.

RiverCat by SonTek — the District purchased this new river profiling system, which allows them to collect high-flow measurements in unwadeable rivers and streams.

Macro Sampling — multi-habitat sampling was conducted on the Upper Sauk region for two years.

Employees — the District hired two full-time employees to fill the Education (Adam Hjelm) and Monitoring (Heather Lehmkuhl) Coordinator’s position.



The “S” shape of the Hickman Drive Stormwater Retention Basin provides longer retention time thus increasing sediment reduction.

FUTURE PROJECTS

Water Quality Trading — the District and Stearns SWCD are collaborating with American Farmland Trust and Kieser & Associates to develop an environmental commodities service office. The office will provide farmers with value-added payments for best management practices (BMPs) using several existing and future private markets, including water quality trading, carbon credits for greenhouse gases, and wetland banking.

TMDL’s — the District is in the process of completing five major TMDL studies.

Battle Point Park — the Battle Point Park Restoration Project proposes to restore 950 feet of shoreline using native vegetation and other bioengineering materials. The SRWD is working with the Todd County Park Board, local environmental agencies and the Joint Powers Engineers to address the identified erosion concerns.

Drainage Ditch Management — the District plans to evaluate the 12 ditches within its jurisdiction for water quality analysis, mapping and inventory, and starting maintenance fund assessments.

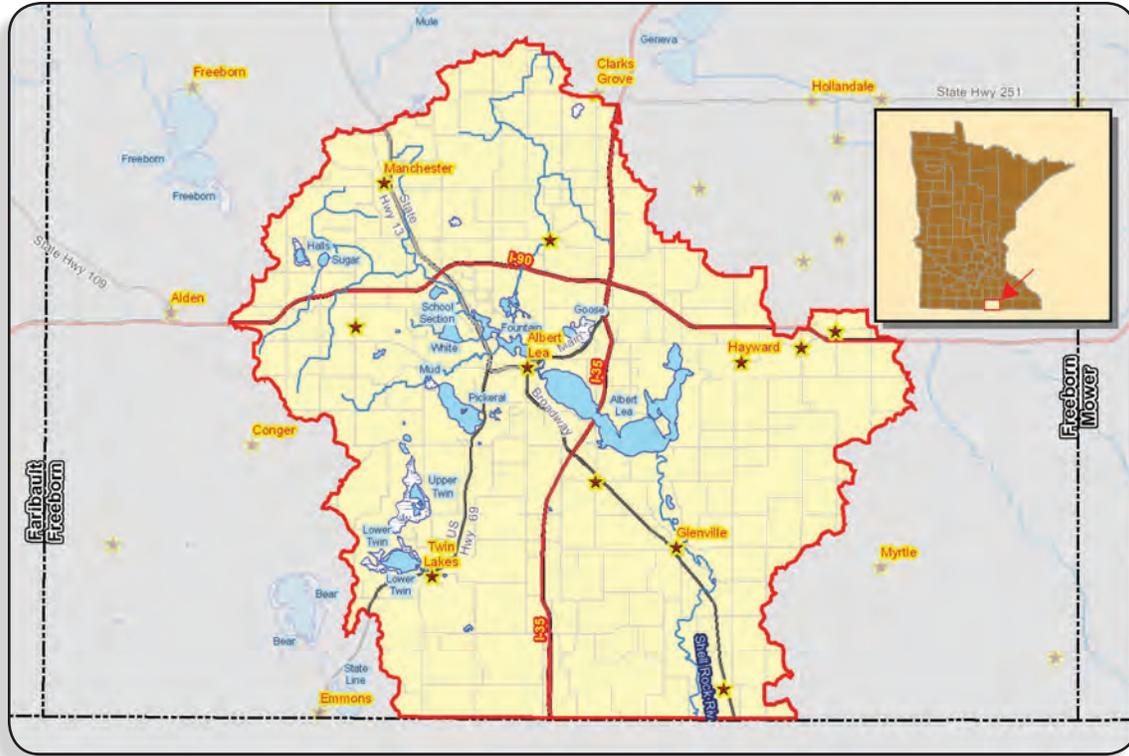
Rules — the District will finalize rule revisions.

2007 EXPENDITURES

| | |
|-------------------------------------|-------------|
| Total 2007 Expenditures | \$1,644,833 |
| Management / General Administrative | \$406,800 |
| Data Collection / Monitoring | \$95,033 |
| Permitting / Regulatory Programs | \$30,000 |
| Projects / Implementation | \$1,113,000 |

Shell Rock River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: June 25, 2003
by citizen petition
411 S Broadway PO Box 1147
Albert Lea, MN 56007
Phone: (507) 377-5785
www.shellrock.org

Included Counties: Freeborn
District Size: 246 square miles
Major Lakes: Pickerel, Chapeau, Albert
Lea, Fountain, Upper and Lower Twin
Shell Rock River: 12.2 miles

Number of Staff: 5
2008 Taxable Market Value:
\$1,592,948,700

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|------------------|------------|----------|---|----------------|
| Al Bakken | Chair | Freeborn | 16691 740th Ave, Albert Lea, MN 56007 | (507) 373-6686 |
| Bruce Haugsdal | Manager | Freeborn | 2117 Kenneth Dr, Albert Lea, MN 56007 | (507) 373-2743 |
| Art Ludtke | Secretary | Freeborn | 1114 Wood Park Ln, Albert Lea, MN 56007 | (507) 377-1522 |
| Gary Pectorious | Vice Chair | Freeborn | 20770 707th Ave, Albert Lea, MN 56007 | (507) 373-6758 |
| Clayton Petersen | Treasurer | Freeborn | 22108 720th Ave, Albert Lea, MN 56007 | (507) 373-0061 |
| Roger L Peterson | Manager | Freeborn | 25619 750th Ave, Clarks Grove, MN 56016 | (507) 826-3229 |
| Brett Richards | Manager | Freeborn | 662 Meadow Ln, Albert Lea, MN 56007 | (507) 256-7580 |

RECENT PROJECTS

ISTS Compliance Program — in cooperation with Freeborn County, a program to document the compliance of septic systems in the watershed to state standards and to eliminate the imminent health threats detected. The District developed a cost-share program to help with the cost of the compliance inspections.

Partnership — to work with the cities and towns of Freeborn County to create an effective stormwater management plan. Several cities have received cost share toward street cleaning equipment to keep debris from getting into the stormwater systems and then into lakes.

Partnership — with Freeborn County to fund a full-time technician to work on feedlots to reduce fecal coliform loading in Shell Rock River and to provide assistance with BMP's and nutrient management plans. A Clean Water Legacy Grant provided funds for this partnership.

Public Education — involving workshops that educate residents on what they can do to help improve water quality, such as rain gardens and rain barrels. Hiring an educator to go into the Albert Lea School District classes with an Enviroscape to show how land use affects streams and lakes.

TMDL Assessment — conducted by the District since its establishment, now includes six lakes and 18 stream sites. The District is working with Turtle Creek and Cedar River Watershed Districts, and Mower County Soil and Water Conservation District to develop and implement a work plan to address turbidity for the Cedar River Basin. A grant was received from MPCA to conduct the project.

Partnership — with volunteers from the District to take water samples, which will help complete the nutrient impairment assessment for the lakes and streams not covered under TMDL. This is funded by Surface Water Assessment Grant from MPCA.

Electrical Fish Barrier Pickerel Lake — an electrical fish barrier to keep the rough fish out of Pickerel Lake.

Manchester sewer project — help with facilitating a new municipal wastewater treatment to improve water quality in Wedge Creek.

Educational Video — a video "Healthy Lakes Make a Healthy Community" was produced by the District along with the Albert Lea Medical Center and The Lakes Restoration Committee. The purpose of the video is to inform residents about:



Andy Henschel and Jerad Stricker collecting samples from a site on the Shell Rock River for the TMDL assessment.

- how local lakes became polluted and how the SRRWD is addressing those problems
- how sources of pollutants include both rural and urban resources
- how a watershed district operates
- how residents can help the SRRWD achieve its mission of improved water quality
- how the SRRWD will use the local option sales tax and other revenue

RainGarden — partnership with Freeborn County Fair, did a raingarden on the fairgrounds and have given away rain barrels each day of the fair in 2007 and 2008.

FUTURE PROJECTS

Stormwater retention area that will address: stormwater treatment, live storage for flood mitigation, and a landscaping plan for the south industrial park; which will restore the original flood plain and reduce the amount of nutrients, sediment, and other pollutants in the stormwater being discharged to Albert Lea Lake.

Stream bank repairs in the Wedge Creek Subwatershed.

Continuation of construction and installation of needed rough fish barriers.

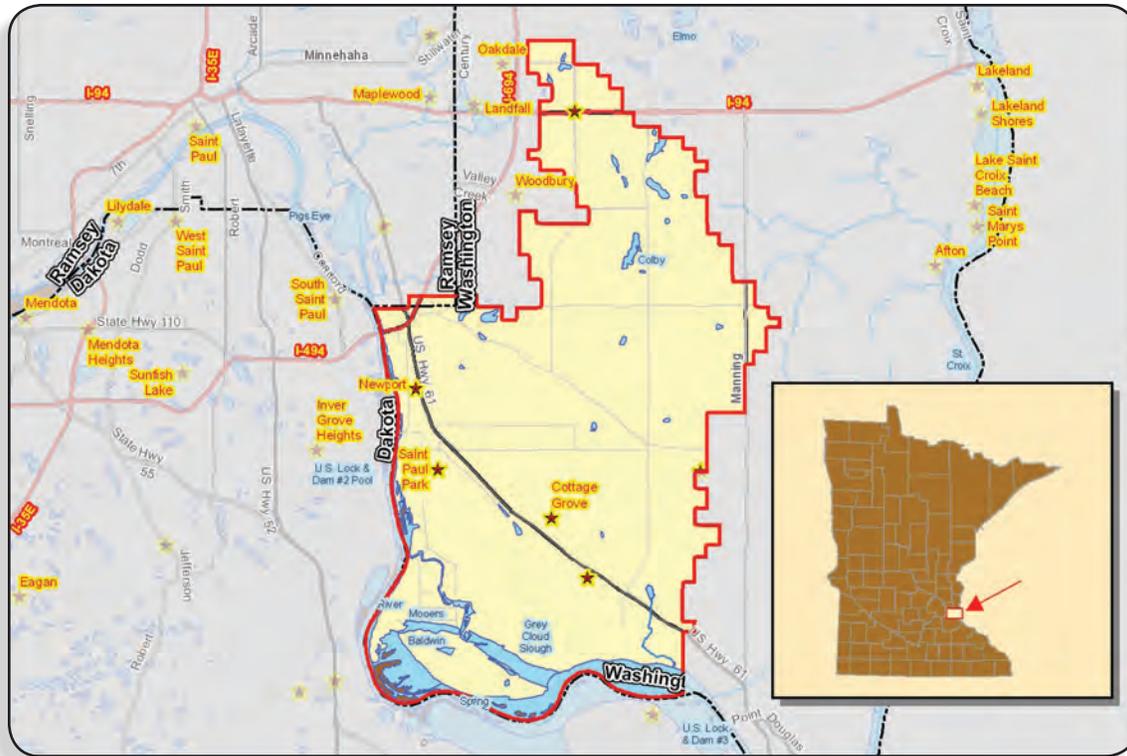
Planning — for dredging of Fountain and Albert Lea Lakes.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total 2007 Expenditures | \$595,883 |
| Management / General Administrative | \$211,495 |
| Data Collection / Monitoring | \$71,556 |
| Projects / Implementation | \$141,138 |
| Water Management Programs | \$171,694 |

South Washington

WATERSHED DISTRICT



GENERAL INFORMATION

Established: August 25, 1993
by multi-city petition

2302 Tower Drive
Woodbury, MN 55125
Phone: (651) 714-3729
Fax: (651) 714-3721
www.swwdmn.org

Included Counties: Washington
District Size: 70 square miles
Major Lakes: Armstrong, Markgrafs,
Wilmes, Powers, Colby, Cottage Grove
Ravine, La, Ria
Drains to Mississippi River

Number of Staff: 2
2008 Taxable Market Value:
\$9,479,955,400

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|--------------|------------|---|----------------|
| Jack Lavold | President | Washington | 6859 Ideal Ave S, Cottage Grove, MN 55016 | (651) 459-9981 |
| Dennis Hanna | V. President | Washington | 9301 Grey Cloud Island Dr, St Paul Park, MN 55071 | (651) 459-2281 |
| Brian Johnson | V. President | Washington | 4353 Dorchester Dr, Woodbury, MN 55129 | (651) 458-3739 |
| Don Pereira | Secretary | Washington | 8232 River Acres Rd, Cottage Grove, MN 55016 | (651) 769-0429 |
| Michael Madigan | Treasurer | Washington | 2366 Hidden Lake Cove, Woodbury, MN 55125 | (651) 702-0488 |

RECENT PROJECTS

Watershed Management Plan Update — the SWWD Board of Managers officially adopted the state-approved plan in November of 2007.

Flood Damage Reduction Plan — in cooperation with the City of Woodbury, the SWWD is working with the local residents of the Wilmes Lake subwatershed to implement non-structural improvements to provide flood protection.

Central Draw Watershed Overflow Construction — the East Ravine subwatershed incorporates the preferred path for the Northern subwatershed overflow to provide an outlet to the Mississippi River. The Central Draw Overflow Project is intended to provide principal and emergency outlet capacity for this land-locked watershed.

BMP Water Quality Cost Share Program — this program began in 2008 and is encouraging the use of innovative Best Management Practices to protect and restore water quality. These cost share grants are available to residents, neighborhoods, municipalities, and businesses. In 2008 the BMP program included 15 residential and 2 municipal/business projects.

Bailey Lake/East Ravine — the Central Draw Overflow project that will eventually convey excess stormwater runoff from the Bailey Lake sub-watershed and upstream areas through Cottage Grove East Ravine to the Mississippi River. SWWD is working with the City of Cottage Grove staff to finalize the next steps, which includes updates to the Central Draw Storage Facility and preparation of design plans for the 70th Street outlet.

CDP 85 Restoration — in preparation of development in the southern portions of Woodbury and northern portions of Cottage Grove (East Ravine) the SWWD began restoration of the CD P85/86 greenway corridor. In 2007, the SWWD planted trees and established upland grasses along the west property line. Restoration and maintenance continued in 2008.

Watershed Monitoring — the water monitoring program provides data for eight lakes, seven groundwater stations; runoff discharge rate volume and quality, precipitation.

Website Updates — the new SWWD website features an interactive map, district calendar, quick links for easier access, expanded news and events section, and developer information.



Grove Street Overlook Park, Newport, MN

Education Program and Outreach — SWWD is a founding member of the East Metro Water Resource Education Program (EMWREP), a partnership formed to develop a comprehensive water resource education and outreach program for the east metro area of St. Paul. The goal of EMWREP is to reduce non-point source water pollution from storm water runoff and illicit discharges by educating citizens, municipal staff and officials, developers, and businesses.

FUTURE PROJECTS

Central Draw Watershed Overflow Phase II

Flood Damage Reduction Projects

Best Management Practices Water Quality Cost Share Program

Cottage Grove East Ravine

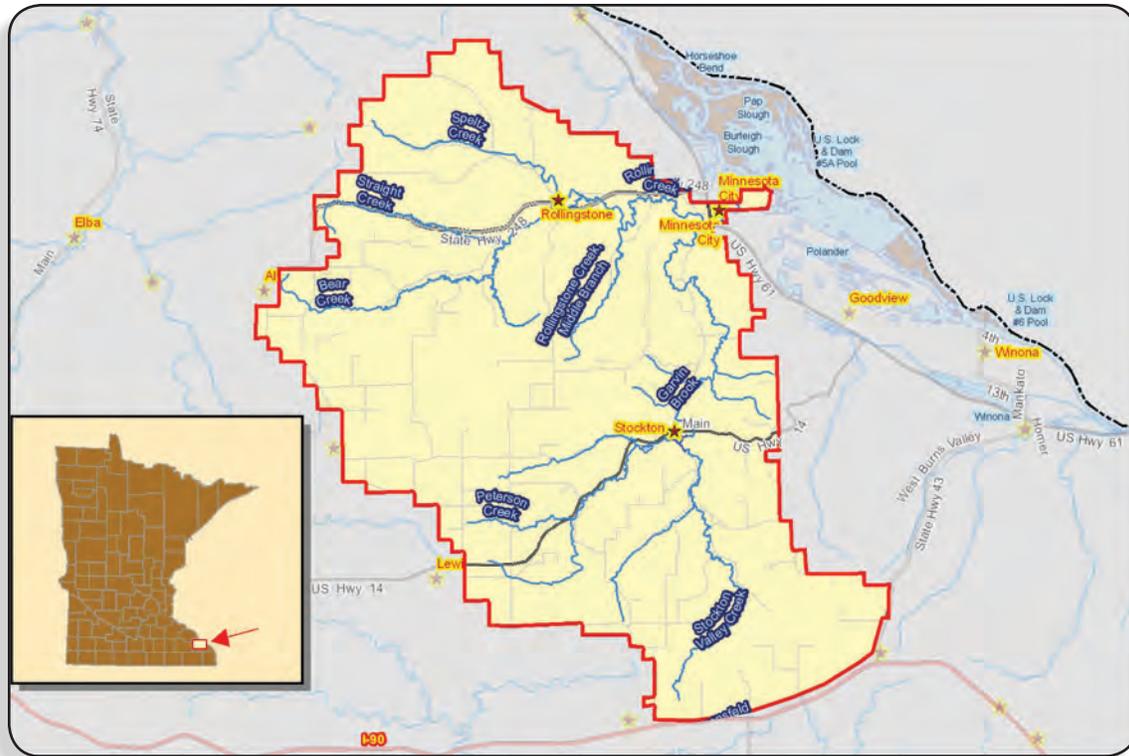
CD-P85/86 restoration and greenway improvements

2007 EXPENDITURES

| | |
|-------------------------------------|-------------|
| Total 2007 Expenditures | \$1,403,157 |
| Management / General Administrative | \$212,740 |
| Programs | \$376,850 |
| Projects | \$220,621 |
| Debt Services | \$592,946 |

Stockton-Rollingstone-Minnesota City

WATERSHED DISTRICT



GENERAL INFORMATION

Established: Dec. 26, 1958
by County Petition
24664 Hwy 14
Winona, MN 55987
Phone: (507) 689-2364

Included Counties: Winona and Wabasha
District Size: 98 square miles
Major Water Bodies: Garvin Brook,
Stockton Creek and Rollingstone Creek
Number of Staff: 0

2008 Taxable Market Value:
\$311,694,000

BOARD OF MANAGERS

| Name | Position | County | Address | |
|--------------|-----------|--------|--|----------------|
| Keith Beach | Treasurer | Winona | 24664 Hwy 14, Winona | (507) 689-2364 |
| Jack Roberts | | Winona | 1010 9th St East, Stockton, MN 55987 | (507) 689-2546 |
| Duane Wirt | | Winona | 25693 County Rd 25, Lewiston, MN 55952 | (507) 523-2860 |

RECENT PROJECTS

The August 2007 flood had significant impact in the watershed. Watershed district managers attended several flood mitigation meetings. The watershed district contributed \$9,050 for post-flood stream debris removal on Stockton Valley Creek. The watershed district provided \$4,000 for stream debris removal and restoration of critical areas adjacent to Peterson Creek and the Arches historical area.

Other projects undertaken in recent past have included construction of stream cattle crossings, stream bank stabilization projects, rebuilding ponds and making financial contribution to a milk house wastewater research project.



The watershed district has funded projects to remove debris from streams following the August 2007 flood.

FUTURE PROJECTS

Update the Watershed Plan

Examine effective options for flood damage reduction (in draft action plan)

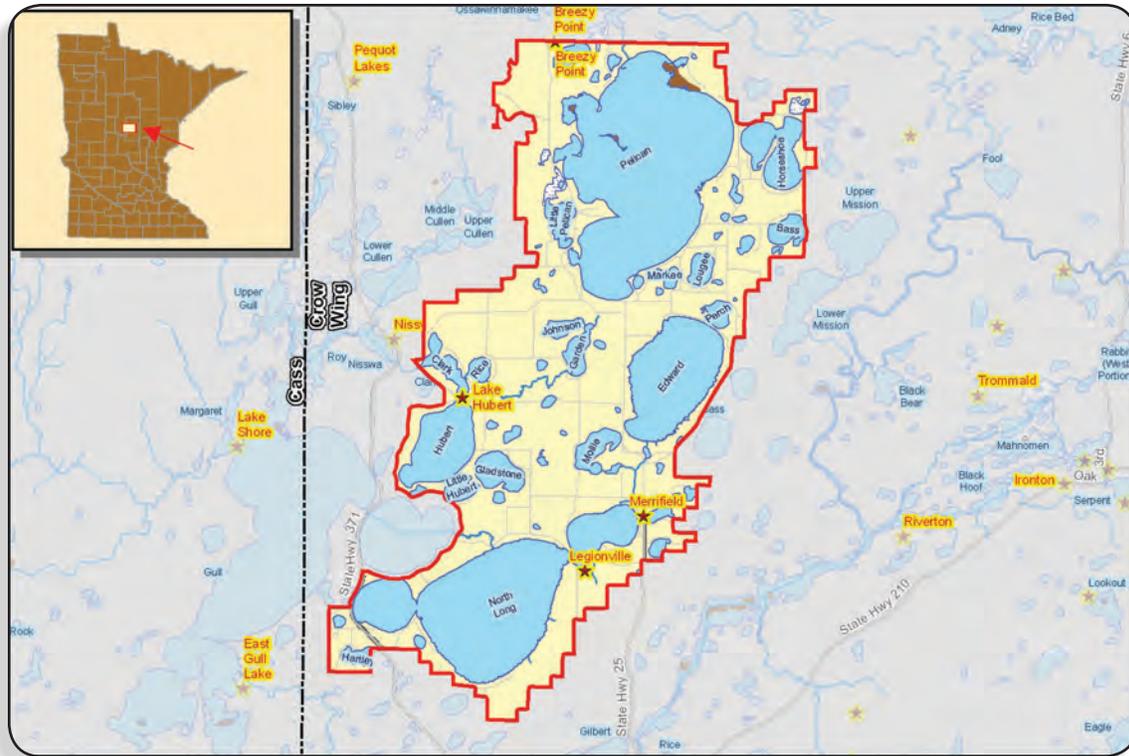
Seek nontax funding sources such as grants for watershed district projects (in draft action plan)

2007 EXPENDITURES

| | |
|-------------------------|---------|
| Total 2007 Expenditures | \$6,434 |
|-------------------------|---------|

Thirty Lakes

WATERSHED DISTRICT



GENERAL INFORMATION

Established: May 18, 1971
 by two nominating petitions
 17064 Commercial Park Road
 Brainerd, MN 56401
 Phone: (218) 828-0243
 Fax: (218) 824-7006

www.30lakes.org
lakeswsd@brainerd.net
 Included Counties: Crow Wing
 District Size: 70 square miles
 Major Lakes: Pelican, Edward, Hubert,
 North Long

Number of Staff: 3 part time
 2008 Taxable Market Value:
 \$1,411,886,500

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|------------|--------------------------|-----------|--|----------------|
| Tom Ebnet | President | Crow Wing | 7335 Crabtree Ln, Nisswa, MN | (218) 963-2318 |
| Ken Svee | Secretary/Vice President | Crow Wing | P. O. Box 1077, Brainerd, MN 56401 | (218) 963-9432 |
| Bruce Yund | Manager | Crow Wing | 30190 Osceola Circle, Breezy Point, MN | (218) 562-4443 |

RECENT PROJECTS

County Building Permits — in an effort to be proactive and informed on development within the District, the Thirty Lakes Watershed District has begun making inspections on properties that receive construction permits from Crow Wing County. On-site inspections have been done for about 200 properties, and as a result 16 property owners needed to secure a stormwater management plan. Land-use violations were discovered during six of the inspections.

Data Management — aerial photos dating back to the 1970s were digitized, making them available at the click of a mouse. It has been the long standing practice of Thirty Lakes Watershed District to make annual over-flights to identify potential land-use violations. The photos were put on the Thirty Lakes website so that they can be viewed by the public.

Water Quality and Lake Level Monitoring — of the 52 lakes within the District, 12 to 14 are tested each year to determine their Trophic Status. Lake gauges were placed in 19 lakes, and their level was recorded every two weeks from May through October.

Precipitation Study — the District and A. W. Research Laboratories have continued a Precipitation Study that began in 2006. During the first year, the Sauk River Watershed District and the Red River Watershed District also participated and collected precipitation samples. The findings revealed that precipitation brings a considerable loading of phosphorus. In addition, the atmospheric level and origin of the weather system can determine the amount of the phosphorus load.

Pelican Lake Stormwater Project — recognizing a serious stormwater runoff situation in an area of Breezy Point, the District hired an engineer to design options for containment and management. The most viable option was that of pervious asphalt with underground storage. However, that option was going to be very costly, and would involve relocation of underground utilities and infrastructure. With assistance from Crow Wing Soil and Water Conservation District (SWCD), Thirty Lakes is in the process of working out a solution with the property owners that will utilize bioretention areas for stormwater management.

Parker Boy Scout Reservation — the District partnered with the Crow Wing SWCD on a shoreline restoration project at the Boy Scout Camp located on North Long Lake. The project involved restoring an ice ridge and constructing two bioretention areas to manage the stormwater flowing down the steep hill. Funding for the project was received from the



Aerial photo of shoreland on North Long Lake

MN Department of Natural Resources and the Crow Wing County Water Plan.

FUTURE PROJECTS

Education Series — seminars on the theme of Water Quality and Best Management Practices that were conducted in 2008 will continue in 2009.

Elks Camp Shoreline Restoration — some 300 feet of sandy beach will be transformed into native vegetation at the Elks Camp on Pelican Lake. The District will be partnering with the Pelican Lake Property Owners Association, the University of Minnesota Extension, and Crow Wing SWCD. The project will demonstrate the benefits of native vegetation.

Cost-Share Projects — the District has begun a cost-share program with residents and lake associations to encourage shoreline restorations, rain gardens or other projects to enhance the environment. Cost-share funds will also be used for vegetation surveys and other data collection.

New Lake Associations — riparian property owners will be contacted and informed of the benefits of creating a Lake Association through a partnership with Minnesota Waters.

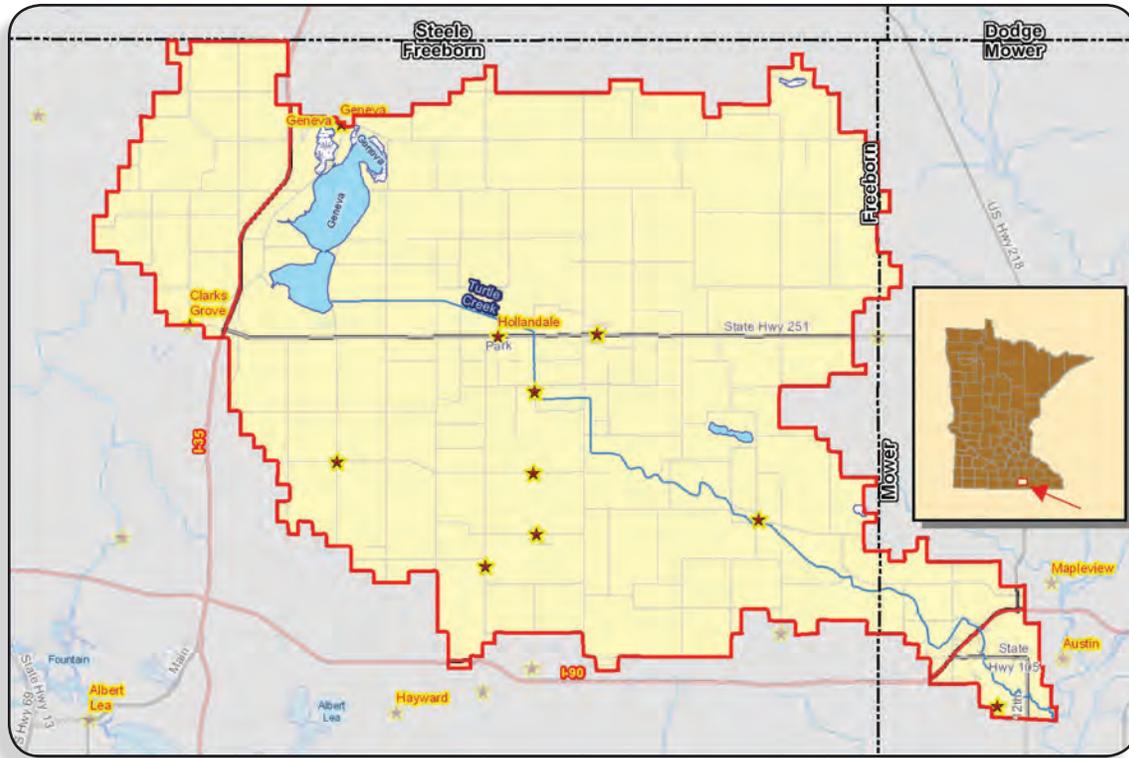
Lakes Area Clean Waters Council — Thirty Lakes is a charter member of this group, which promotes stormwater Best Management Practices through education and recognition.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total 2007 Expenditures | \$236,950 |
| Management / General Administrative | \$ 95,776 |
| Data Collection / Monitoring | \$ 34,736 |
| Permitting / Regulatory Programs | \$ 17,550 |
| Projects / Implementation | \$ 50,388 |
| Water Management Programs | \$ 38,500 |

Turtle Creek

WATERSHED DISTRICT



GENERAL INFORMATION

Established: 1968 by citizen petition

Phone: 507-434-2603

Fax: (507) 434-2680

bev.nordby@mn.nacdnet.

netturtlecreekwd.org

Included Counties: Freeborn, Mower

District Size: 157 square miles

Major Lakes: Geneva

Number of Staff: Contracted staff

2008 Taxable Market Value:

\$867,319,000

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|------------------|----------------|----------|--|----------------|
| Michelle Miller | President | Freeborn | 85247 South Island Circle Hollandale, MN 56045 | (507) 438-1939 |
| Peter VanErkel | Vice President | Freeborn | 27843 825th Ave, Hollandale, MN 56045 | (507) 889-3771 |
| Thomas W. Butler | Manager | Freeborn | 85333 310th St, Blooming Prairie, MN 55917 | (507) 583-2926 |
| Gerald Edwards | Secretary | Freeborn | PO Box 171, Hollandale, MN 56045 | (507) 889-6351 |
| Arlan Schamber | Treasurer | Mower | 200 21st St NW, Austin, MN 55912 | (507) 433-7637 |

RECENT PROJECTS

Geneva Lake — in partnership with Ducks Unlimited, Freeborn County, and DNR, restoration of Geneva Lake is nearly complete. The new variable crest manageable dam with fish barrier is complete and a plan to manage the rough fish population is underway.

Permits — 72 permits were approved. They included tile, ditch cleanout, wetland restorations, and pond.

Monitoring Program — completed the third year of surface water monitoring that include fecal coliform, nitrate levels, flow and total suspended solids.

TMDL for Turbidity — partnering with Mower Soil & Water Conservation District, Cedar River WD, and Shell Rock WD in doing a TMDL study for turbidity. This three-year project will be completed in 2011.

Partnership — with USDA Natural Resources Conservation Service and landowner to install an aluminum toe wall structure to solve a long-time erosive site just adjacent to the Turtle Creek.

Legislative Tour — hosted a fall legislative tour highlighting several projects and the emphasizing the importance of buffers along ditches.

Non-Conforming Septic Systems — applied and received \$100,000 in low-interest loans through Clean Water Legacy for updating septic systems.

FUTURE PROJECTS

TMDL — complete study for turbidity and assist with the implementation plan.

Riceland Wetland Restoration — complete construction on a 320-acre wetland restoration that includes flood retention, and three wetland basins. This project has four property owners and TCWD is partnering with Freeborn SWCD in this CREPII project.

Buffers — inventory ditch system for compliance with the 1 rod strip on.



Aluminum toe wall structure that NRCS engineered; financing came from EQIP the TCWD.



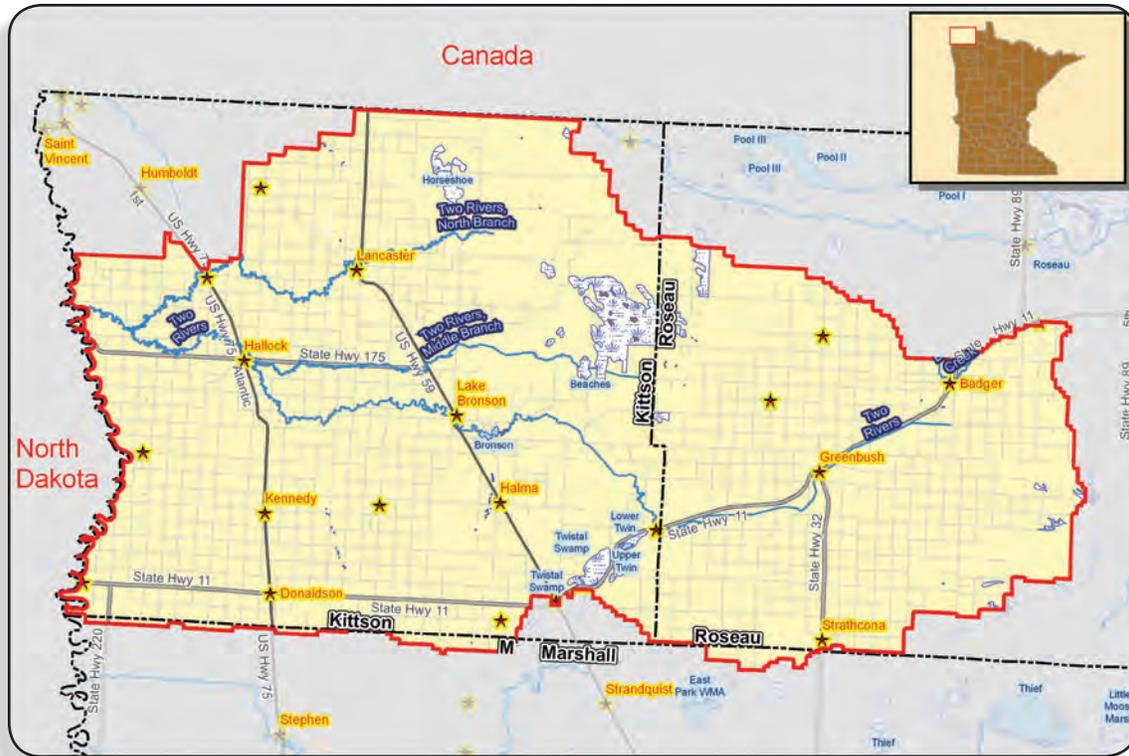
New Dam on Geneva Lake partnering with Ducks Unlimited, Freeborn County, DNR, and the Izaak Walton League.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total | \$159,183 |
| Management / General Administrative | \$24,533 |
| Data Collection / Monitoring | \$9,034 |
| Permitting / Regulatory Programs | \$8,434 |
| Projects / Implementation | \$108,148 |
| Water Management Programs | \$9,034 |

Two Rivers

WATERSHED DISTRICT



GENERAL INFORMATION

Established: October 30, 1957
by citizen petition

410 5th Street, Suite 112
Hallock, MN 56728

Phone: (218) 843-3333

Fax: (218) 843-2020

daniel.money@mn.nacdnet.net

Included Counties: Roseau, Kittson,
Marshall

District Size: 1,450 square miles

Major Water Bodies: Lake Bronson,
Upper and Lower Twin Lakes; North,
Middle and South Branches of Two
Rivers; watershed drains to Red River

Number of Staff: 2

2008 Taxable Market Value:
\$698,199,900

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|----------------|---------|---|----------------|
| Roger Anderson | President | Kittson | 1561 110th St, Drayton, ND 58225 | (218) 455-6269 |
| Jon Vold | Vice President | Kittson | 2418 310th St, Hallock, MN 56728 | (218) 843-2556 |
| Jim Kukowski | Secretary | Roseau | 17485 County Rd 6, Strathcona, MN 56759 | (218) 781-2478 |
| Jerod Hanson | Treasurer | Kittson | 1952 175th Ave, Hallock, MN 56728 | (218) 843-5032 |
| O'Neil Larson | Manager | Kittson | 4207 180th St, Halma, MN 56729 | (218) 265-2613 |
| Richard Novacek | Manager | Roseau | 14225 260th St, Greenbush, MN 56726 | (218) 782-2749 |
| Mike Ratzlaff | Manager | Kittson | 2077 360th Ave, Lake Bronson, MN 56734 | (218) 754-2693 |

RECENT PROJECTS

Ross #7 Impoundment — construction of a dike with a controlled outlet to impound floodwaters. Provides 3,600 acre feet of storage and will store runoff from an 18.2 square mile area. Constructed using 50% funding from the legislature and 50% from local/regional sources. Completed in 2008.

Judicial Ditch #10 — severe and repeated flood damages caused sloughing along 8.5 miles of ditch system. This project relocated a spoil bank, moving it away from the ditch. The ditch slope was flattened, and a grass buffer was created. Completed in 2008.

Springbrook/CR 61 — flood control project utilized federal, state, and local funding sources to construct a set back dike along 3.5 miles of ditch, and a meandering channel was constructed to take the place of the ditch. The project will prevent overland flooding from channel breakouts, and created 3.5 miles of a meandering stream with grass buffer on either side. Construction was completed between 2005 and 2008.

Culvert Inventory — from 1998 through 2007, the District cooperated with the Minnesota Conservation Corps to identify locations of every culvert located within the Two Rivers Watershed. Information was collected that is critical in determining flow patterns and drainage areas.

Water Quality Monitoring — since 1991, 16 sites within the watershed have been monitored for water quality. Information collected has been provided to MPCA and other state and local agencies.

Flow Monitoring — since 1996 the District has established and monitored a network of 28 sites for flow. Staff and volunteers read gages and report daily water levels during high flow events. Data is reported to MN DNR, National Weather Service, and others for flood predictions and flow models used for planning purposes.

Snow Survey — eleven sites are monitored each spring for snow depth and water equivalent. This information is provided to the National Weather Service to aid in predicting the spring snowmelt and flooding outlook.

Horseshoe Lake Modification — cooperated with the MN DNR to modify an existing water control structure in northern Kittson County to provide flood control benefits and re-establish more natural vegetation to a sand dune prairie area in the Skull Lake Wildlife Management Area. Construction was completed in 2006.



Ross Impoundment Project

Overall Plan Update — completed the update of the District's 10-year overall plan in 2004, which includes goals and objectives for each of the District's 14 subwatersheds. The plan was a culmination of many public meetings.

Project Work Teams — these teams look at potential flood damage reduction and natural resource enhancements that potential projects can provide. Team members include representatives of counties, townships, SWCDs, Watershed Districts, state and federal agencies, local citizens, and other groups.

FUTURE PROJECTS

Springbrook Coulee Protection Project — federal, state, and local funding sources will be used to construct set back levies 200 feet on either side of a natural meandering watercourse. The project will provide flood protection, establish and buffer a riparian corridor, provide drainage, and numerous natural resource enhancements.

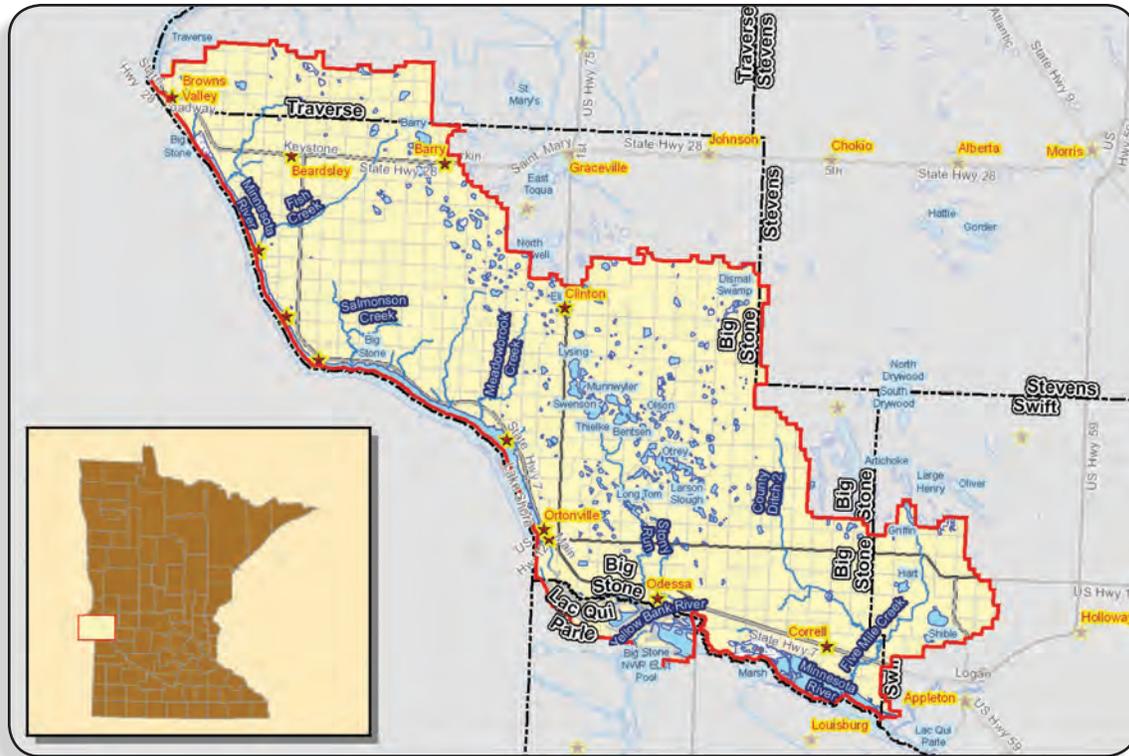
Kennedy #6 — flood control and water conveyance project for the City of Kennedy. Project will consist of creating two miles of legal ditch system to convey flows from a 50 square mile upstream drainage area through the City, minimizing the flood damages that occur.

2007 EXPENDITURES

| | |
|-------------------------------------|-------------|
| Total 2007 Expenditures | \$2,037,920 |
| Management / General Administrative | \$161,252 |
| Data Collection / Monitoring | \$24,441 |
| Projects / Implementation | \$1,783,568 |
| Water Management Programs | \$68,659 |

Upper Minnesota River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: 1967 by Big Stone County petition

211 2nd Street SE
Ortonville, MN 56278
Phone: (320) 839-3411

Fax: (320) 839-3313
dianne.radermacher@midconetwork.com

Included Counties: Big Stone, Stevens, Swift, Traverse, Lac qui Parle

District Size: 505 square miles

Major Lakes: Big Stone, Marsh, Long Tom, Theilke, Bentson, Barry, Lyseng, Shible, Otrej

Number of Staff: 2

2008 Taxable Market Value: \$599,943,100

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|----------------|-----------|--|----------------|
| Loren Harste | President | Swift | 2450 10th St NW, Appleton, MN 56208-1825 | (320) 596-2318 |
| Glenn Berdan | Secretary | Big Stone | 36306 County Rd 65, Ortonville, MN 56278 | (320) 272-2323 |
| Terry Gillespie | Manager | Big Stone | 30787 660th Ave, Clinton, MN 56225 | (320) 325-5139 |
| Brent Hasslen | Treasurer | Big Stone | 562 Park Ave W, Ortonville, MN 56278 | (320) 839-3218 |
| Bob Toelle | Vice President | Traverse | 302 E. Broadway, Browns Valley, MN 56219 | (320) 695-2152 |

RECENT PROJECTS

Browns Valley Flood Mitigation Project — the District established this \$7.1 million project in late 2007 to assist the City of Browns Valley in reducing their ongoing flooding issues.

Emergency Action Plan — the Big Stone Lake/Whetstone River Flood Control Project Emergency Action Plan, which includes a new dam break analysis for the 500-year flood event on Big Stone Lake, was completed.

Big Stone Lake/Whetstone River Flood Control Project — continued the daily operation (lake level management) and maintenance of the control structure and debris barrier.

Wetland Restoration Documentary — the one-hour education documentary entitled “Echoes of Cry of the Marsh” was completed and distributed. The project was a cooperative effort between the U.S. Fish and Wildlife Service, the University of Minnesota Morris, Pioneer Public TV, and the Watershed District.

Educational Programs — completed the 13th year of the Fourth Wetland Restoration Educational Program. To date 832 acres of wetland have been restored. Also 215 rural wells were tested for bacteria and nitrates through the Rural Water Educational Testing Program.

Lake Monitoring — completed the first year of monitoring on Big Stone Lake through the cooperation of the Citizens For Big Stone Lake Org.

Stormwater Erosion Control Project — Phase I of the program was completed in 2007 which included the construction of a new sediment retention basin and rip-rap protection.

FUTURE PROJECTS

Whetstone River Restoration — work with the Big Stone National Wildlife Refuge, MN Department of Natural Resources, and Corps of Engineers to partially restore flows to Whetstone River, which diverted in the early 1940’s.

Big Stone Lake Tributary Monitoring — re-establish the Tributary Monitoring Program for Big Stone Lake.



2007 flood in Browns Valley

Rain Garden Program — funds have been budgeted for this cost-share program, which will begin in 2008.

Stormwater Erosion Control Project — construction of Phase II of the program, which will include rip-rap protection and grass seeding of a portion of the open ditch stormwater system.

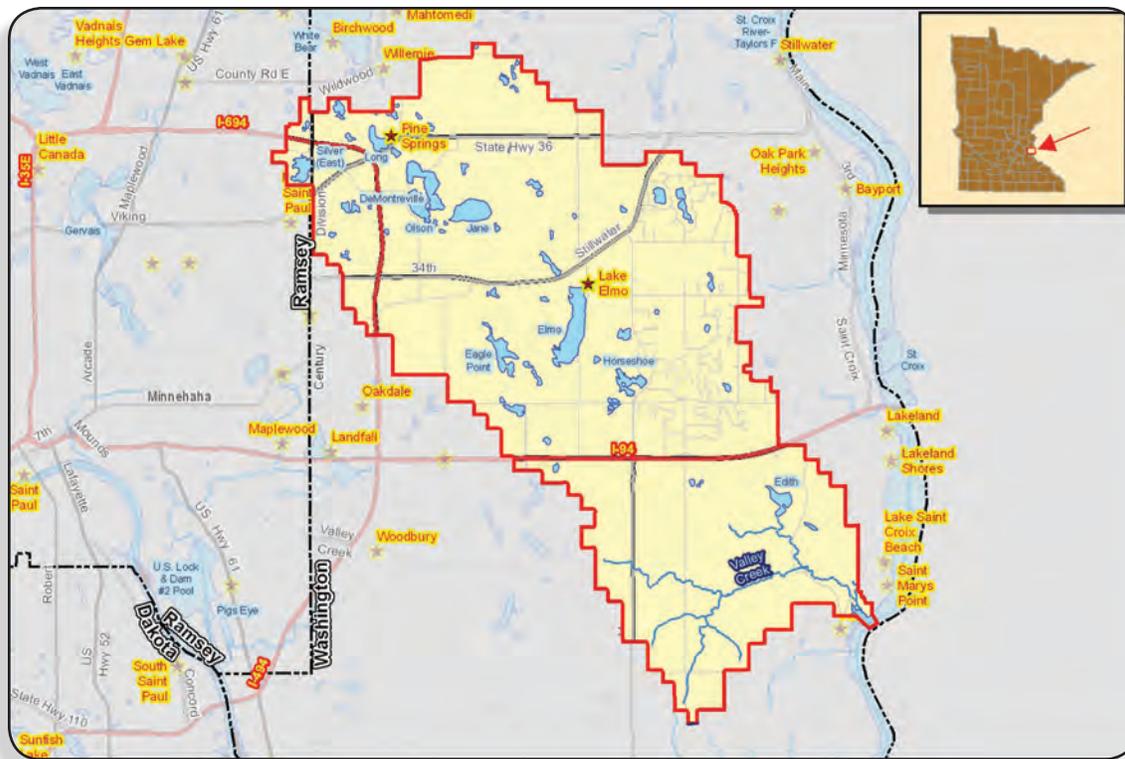
Minnesota River Restoration — restoration of flows to the old Minnesota River Channel within the Big Stone Lake/Whetstone River Flood Control area.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total 2007 Expenditures | \$348,116 |
| Management / General Administrative | \$56,090 |
| Data Collection / Monitoring | \$4,464 |
| Permitting / Regulatory Programs | \$21,000 |
| Projects / Implementation | \$259,032 |
| Water Management Programs | \$7,530 |

Valley Branch

WATERSHED DISTRICT



GENERAL INFORMATION

Established: November 14, 1968
by citizen petition

P.O. Box 838
Lake Elmo, MN 55042
www.vbwd.org
jhanson@barr.com

Included Counties: Ramsey, Washington

District Size: 65 square miles

Major Lakes: Acorn, Silver, Long,
DeMontreville, Olson, Jane, Eagle Point,
Elmo, Horseshoe, Edith, Sunfish

Valley Creek: One of a few remaining
trout streams in Metro Area

Number of Staff: 0

2008 Taxable Market Value:
\$3,947,725,900

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|----------------|------------|---------------------------------|----------------|
| Lincoln Fetcher | President | Ramsey | 2634 East 19th Ave, N, St. Paul | (651) 779-9780 |
| David Bucheck | Vice President | Washington | 2301 Legion Ave, Lake Elmo | (651) 770-1730 |
| Donald Scheel | Secretary | Washington | 13404 South 15th St, Afton | (651) 436-2203 |
| Dale Borash | Treasurer | Washington | 996 Neal Ave, Stillwater | (651) 337-0000 |
| Ray Lucksinger | Manager | Washington | 12775 5th St N, Lake Elmo | (651) 436-3368 |

RECENT PROJECTS

Valley Creek Repair and Restoration Projects — in 2008, the VBWD constructed three projects within the watershed to protect Valley Creek, one of 13 trout streams within the Twin Cities metropolitan area and one of only a few that has a naturally reproducing population of native brook trout. The VBWD constructed a 0.4 acre infiltration basin at the top of an actively eroding ravine that drains directly into Valley Creek, stabilized 2,500 feet of the South Fork of Valley Creek, and stabilized 2,200 feet of the Main Stem of Valley Creek.

Stormwater Pond Inventory and Maintenance — an inventory of stormwater ponds that are a quarter acre or larger is underway. In the winter of 2008-09, the VBWD is improving the efficiencies of several stormwater quality treatment ponds by excavating accumulated sediment and, in some cases, deepening the ponds beyond their original design. This maintenance will protect the water quality of the downstream waters.

Lake Water Quality Improvement Projects — after determining that some of its lakes might eventually become listed as nutrient-impaired by the Minnesota Pollution Control Agency, the VBWD ordered a study of these lakes to determine the feasibility of improving lake water quality to prevent them from being listed as nutrient impaired. Based on these studies, the VBWD began to implement water quality improvement projects at Long Lake and Sunfish Lake in 2008. Studies of other lakes continue.

Ravine Stabilization Projects — in 2008, the VBWD implemented three projects to stabilize actively eroding ravines to protect Long Lake, Goetschel Pond, and Goose Lake.

Best Management Practices Cost-Share Program — the VBWD launched its BMP Cost-Share Program in the spring of 2008, and 21 projects were already funded in 2008, including rainwater gardens, native plantings, and shoreline vegetative buffers.

FUTURE PROJECTS

Lake Water Quality Improvement — complete lake water quality studies on Eagle Point Lake, Horseshoe Lake, and Lake DeMontreville and implement improvement projects, if necessary.



Before (top) and after (bottom) photos of a reach of the Valley Creek Main Stem Stabilization Project.

Creek Stabilization Projects — continue to implement projects to protect Valley Creek and implement projects on Raleigh Creek.

Cost-Share Program — continue the BMP cost-share program and develop incentive program for residential and commercial developments.

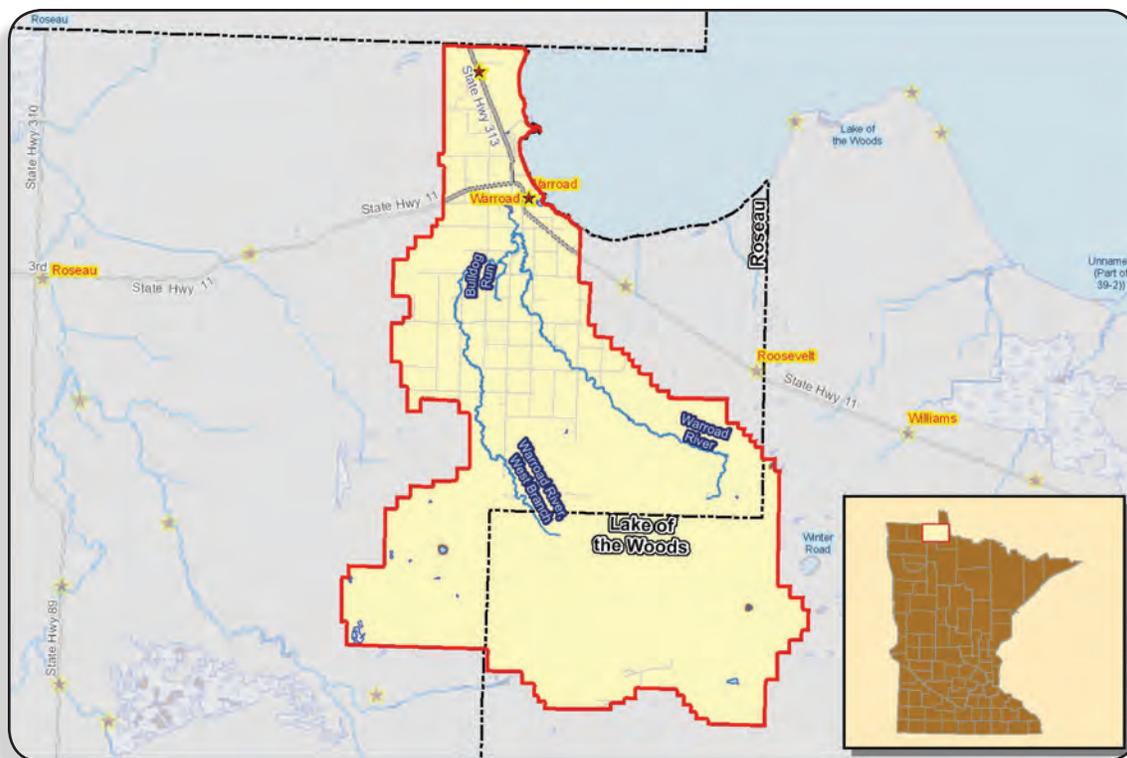
Monitoring, Maintenance, and Education — continue to monitor the quality of the VBWD waters, continue to maintain VBWD's flood control and water quality projects, and continued public education on water resources issues.

2007 EXPENDITURES

| | |
|-------------------------------------|-------------|
| Total 2007 Expenditures | \$1,021,937 |
| Management / General Administrative | \$196,661 |
| Data Collection / Monitoring | \$217,170 |
| Wetland Conservation Act | \$92,970 |
| Projects / Implementation | \$410,352 |
| Water Management Programs | \$104,784 |

Warroad

WATERSHED DISTRICT



Established: Sept. 20, 1963
 307 Lake Street NE, PO Box 77
 Warroad, MN 56763
 Phone: (218) 386-4520

Included Counties: Roseau, Lake of the Woods

District Size: 312 square miles

Major Water Bodies: Warroad River, which drains into Lake of the Woods; Moose Lake; Luxemberger Lake; Brown's Lake; and a pool created on the upstream side of the Bednar Dam.

Significant resources: 190 square miles of the watershed are within the Beltrami

Island State Forest. The watershed also contains DNR-designated consolidated conservation lands and the Red Lake Indian Reservation.

Number of Staff: 0

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|-----------|--------|--|----------------|
| Loren Horner | President | Roseau | 57699 330th St, Warroad, MN 56763 | (218) 386-2850 |
| Rick Battles | Secretary | Roseau | PO Box 76, Warroad, MN 56763 | (218) 386-2014 |
| Keith Landin | Treasurer | Roseau | 26477 County Rd 5, Warroad, MN 56763 | (218) 386-1286 |
| Jeff O'Donnell | Manager | Roseau | 30589 600th Ave, Warroad, MN 56763 | (218) 386-1686 |
| Gerald Phillipe | Manager | Roseau | 59729 County Rd 134, Warroad, MN 56763 | (218) 386-2863 |

RECENT PROJECTS

The mission of the Warroad River Watershed District is to take a proactive role in managing resources by providing leadership for water management and working in partnership with local, state, and federal partners to focus on water flow management, address issues related to surface water runoff, educate the public, and model good stewardship of the environment.

The District updated its watershed management plan in 2007. Highlights of the plan include:

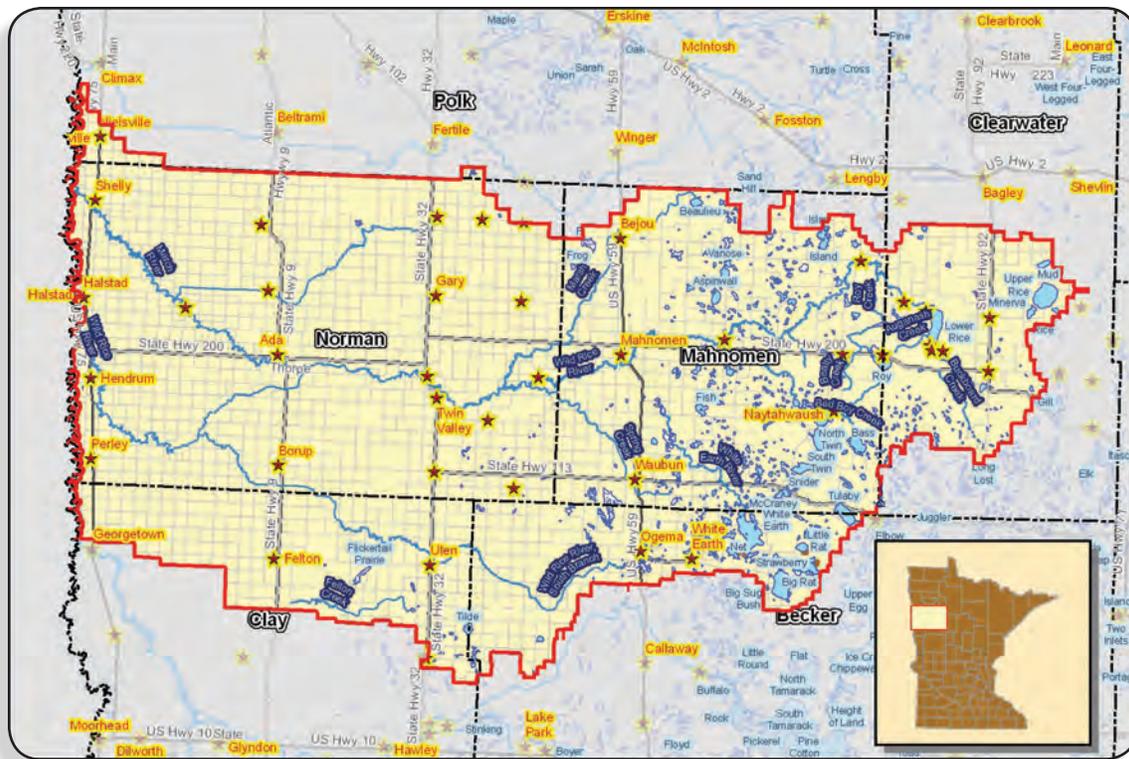
- Input from citizens and local and state agency partners in bringing forth issues and concerns of the watershed
- Participation from citizens and local and state agency partners on the task force committees to prioritize issues and concerns and provide input in the development of the plan
- Development of goals, objectives, and policy guidelines that provide a framework for the District to base their decisions on
- An implementation section of the plan that contains specific actions address the following main goals:
 1. Provide leadership and management for the business of the District
 2. Provide information and education to the public
 3. Promote good stewardship of the environment
 4. Partner with local, state and federal entities
 5. Focus on water flow management and water quality

2007 EXPENDITURES

Not provided—please contact the District.

Wild Rice

WATERSHED DISTRICT



GENERAL INFORMATION

Established: September 11, 1968
by county petition

11 E 5th Ave
Ada, MN 56510
Phone: (218) 784-5501

Fax: (218) 784-2459
www.wildricewd.org

Included Counties: Clay, Norman,
Mahnomen, Becker, Polk

District Size: 2,080 square miles

Major Lakes: More than 50 lakes

Number of Staff: 3

2008 Taxable Market Value:
\$1,554,698,200

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|------------------|----------------|----------|---|----------------|
| Warren Seykora | President | Becker | 13683 390th St, Ulen, MN 56585 | (218) 567-8552 |
| Diane Ista | Manager | Norman | 412 Daisy Ln, Ada, MN 56510 | (218) 784-7542 |
| Joseph Spaeth | Manager | Mahnomen | 2087 170th Ave, Mahnomen, MN 56557 | (218) 935-5392 |
| Robert Wright | Vice President | Clay | 9335 160th Ave N, Felton, MN 56536 | (218) 236-8780 |
| Dave Vipond | Manager | Mahnomen | 1395 210th St, Mahnomen, MN 56557 | (218) 935-2700 |
| Mike Christensen | Treasurer | Norman | 4539 County Hwy 29, Twin Valley, MN 56584 | (218) 584-5510 |
| Greg Holmvik | Manager | Norman | 401 7th Ave W, Ada, MN 56510 | (218) 784-7399 |

RECENT PROJECTS

Initiated Project #42 South Branch — initiated in June of 2006, this is a retention project incorporating a site on the glacial lake bed with sites above the Glacial Beach Ridge to meet the flow reduction goal of 30%–40% at the confluence of the Wild Rice River. Total retention will approach 25,000 acre/ft. Two project sites will reach a final hearing in early 2009, with approximately 12,000 acre/ft of water retention.

COE Feasibility Study, Phase 1 and Phase 2 — this study is in the Phase 2 state addressing excessive flowage easements needed to implement a set-back levee system, which would include channel sinuosity restoration of the Lower Wild Rice River Basin.

Sedimentation Analysis, WRWD/USGS Cooperation, South Branch / Wild Rice — an ongoing project that will advance the District quickly toward FDR objectives as well as the important issue of water quality. This is being done in partnership with the United States Geological Service.

Farmstead Ring Dike Program — the WRWD has built 64 ring dikes to protect farmsites located throughout the District. As of December 2008 there were five applicants awaiting funding for construction. The total cost to date is \$2.2 million.

Heiberg Dam Reconstruction Project — this project involved modification of the existing dam design while meeting original goals of ice control, erosion reduction along with providing numerous environmental benefits. Completed in the fall of 2006.

FUTURE PROJECTS

South Branch River–Project #42 — 2009

Water Management District (Local Funding Mechanism) — 2009

Re-evaluation Main Stem Wild Rice River — 2009

Upper Felton Storage Site Re-evaluation — 2009



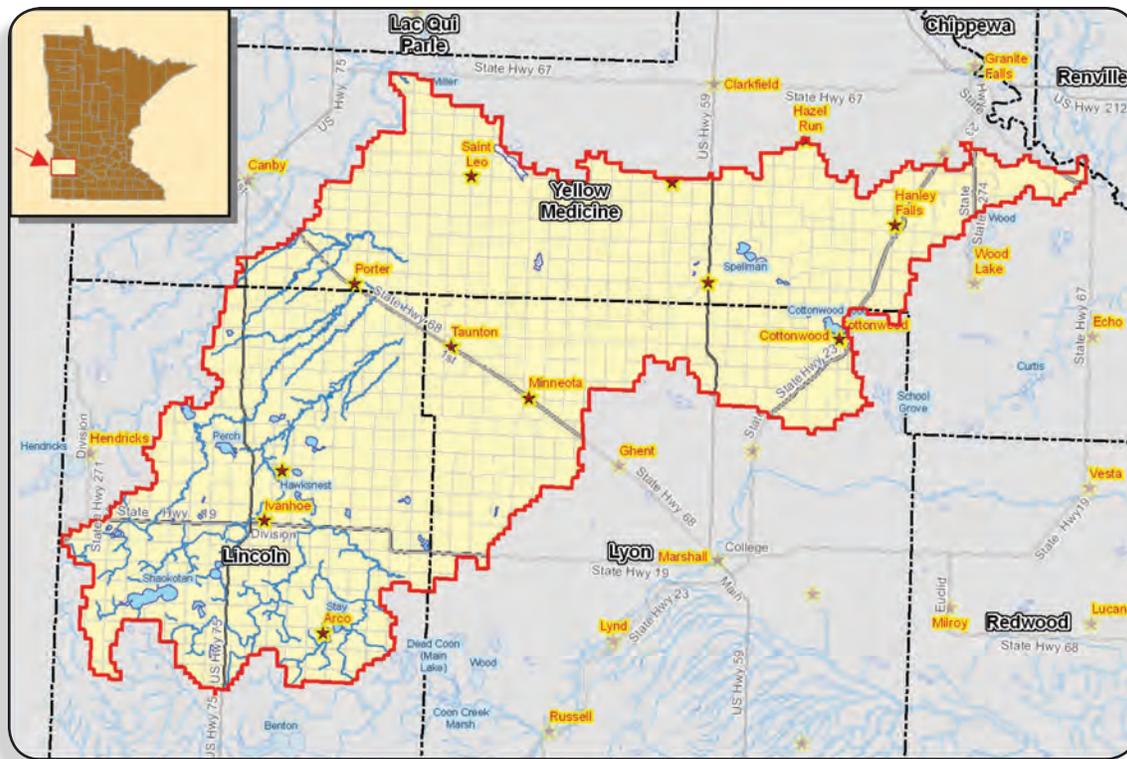
The Heiberg Dam reconstruction project was selected as the 2007 Project of the Year by the Minnesota Association of Watershed Districts. Pictured (from left): Warren Seykora, Jan Voigt, Diane Ista, Bob Wright, Steve Dalen, and Joe Spaeth.

2007 EXPENDITURES

| | |
|--------------------------------------|-------------|
| Total 2007 Expenditures | \$1,864,988 |
| Management / General Administrative | \$296,537 |
| Allocated Interest | \$74,304 |
| Red River Watershed Management Board | \$295,363 |
| COE Feasibility Study | \$128,835 |
| Project Development | \$129,148 |
| Wetland Banking Program | \$3,069 |
| Flood Mitigation Projects | \$240,730 |
| Ditch Systems | \$62,697 |
| FEMA Projects | \$24,991 |
| Other Projects and Studies | \$609,327 |

Yellow Medicine River

WATERSHED DISTRICT



GENERAL INFORMATION

Established: August 27, 1971
by county petition

122 N Jefferson
Minneota, MN 56264
Phone: (507) 872-6720
Fax: (507) 872-6958
www.ymrwd.org

Included Counties: Yellow Medicine,
Lincoln, Lyon

District Size: 685 square miles
Yellow Medicine River: 273 miles

Major Lakes: Lake Shaokatan,
Cottonwood Lake, Lake Stay, and 15
smaller lakes

Number of Staff: 2

2008 Taxable Market Value:
\$1,032,272,200

BOARD OF MANAGERS

| Name | Position | County | Address | Phone |
|-----------------|------------------|-----------------|---|----------------|
| Donald Oerter | President | Lincoln | 2231 County Rd. 8, Tyler, MN | (507) 247-3839 |
| Richard Jelen | Treasurer | Yellow Medicine | 2130 290th St N, Taunton, MN 56291 | (507) 224-2192 |
| Tim Buysse | Public Relations | Lyon | 2092 County Rd 10, Cottonwood, MN 56229 | (507) 872-6219 |
| Jeffrey Hoffman | Vice President | Yellow Medicine | 1963 330th St N, Minneota, MN | (507) 872-6687 |
| John Boulton | Secretary | Yellow Medicine | 2589 State Hwy 68, Porter, MN | (507) 872-5404 |

RECENT PROJECTS

Tiling and Drainage Projects — 220 tiling and drainage permits were viewed and approved in 2007 in Lincoln County, Yellow Medicine, and Lyon counties. This involves working with groups of landowners to negotiate and install tiling systems that benefit all of their watershed. The District board strives to design projects that provide an adequate drainage system to benefit all landowners in the vicinity.

Alta Vista 36 Road Retention Project — the 2005-06 Flood Control Project was constructed in coordination with the Lincoln/Lyon county road repair, and Lincoln county bridge replacement, on Lincoln County Highway 18 and Lyon County Highway 10, west of Minneota. The intersection was dangerous, because the level of the highway was too low compared to the terrain. A nearby bridge structure was due to be replaced, so the District board visited with some of the landowners and Alta Vista township officials to discuss building a flood control project. The project was completed in 2007 with a total project cost of \$729,749, and it is designed to control the runoff from a 5,120-acre watershed, resulting from a 100-year storm event.

Beaver Damage Control Program — the District board worked with Lac Qui Parle-Yellow Bank Watershed District to acquire a grant from BWSR for a beaver damage control program. The grant provided \$6,385 to each district, and each provided equal matching funds. The District worked with a local water contractor to design and build a structure -- featuring an electric fence powered by a solar panel -- that prevents beaver from damming an outlet on Sonstegaard Dam.

Watershed Ditch Berm Inspections — the board completed the enforcement of the 16.5-foot ditch buffer law in 1999. Staff now complete a ditch berm inspection each year. Tree spraying is completed at the time of the inspection, as part of ditch maintenance.

Phase II 2005-2008 Clean Water Partnership — the District is partnering with MPCA, three SWCDs to focus on establishing best management practices in the watershed to reduce nonpoint source pollution in the Yellow Medicine River and its tributaries. This three-year program involves monitoring, data analysis and reporting, information and education, and implementation. Many landowners have established 50-100 foot buffers along the rivers for establishing permanent filter strips.



Structure that features an electric fence to prevent beaver dams from being built and blocking an outlet.

FUTURE PROJECTS

Riverbank Restoration — construction on a bank restoration along the Lac Qui Parle River began in 2008 in cooperation with the Lac Qui Parle Yellow bank Watershed District. The river tends to overflow, and the project involves the bank restoration of washouts in three locations. The project will cost \$22,000.

Nitrates neutralizer projects — construction is expected to begin in 2009 on a pilot project to install a nitrate neutralizer (wood chips bio reactors). A landowner is eager to assist in this project, and the MN Department of Agriculture will contribute funds for the project.

South Branch of the Yellow Medicine River Fecal Coliform TMDL Implementation — the District received a grant that is being used to provide incentive funds for creating filter strips, feedlot upgrades, alternative tile intakes, rotational grazing, nutrient/manure management plans, and a residue management incentive program.

2007 EXPENDITURES

| | |
|-------------------------------------|-----------|
| Total 2007 Expenditures | \$649,720 |
| Management / General Administrative | \$76,000 |
| Data Collection / Monitoring | \$28,000 |
| Permitting / Regulatory Programs | \$13,238 |
| Projects / Implementation | \$532,482 |