



Prior Lake- Spring Lake Watershed District

Annual Report

2011

Mission: To manage & preserve the water resources of the Prior Lake-Spring Lake Watershed District to the best of our ability using input from our communities, sound engineering practices, and our ability to efficiently fund beneficial projects which transcend political jurisdictions.

PRIOR LAKE - SPRING LAKE
WATERSHED DISTRICT

Table of Contents

Introduction	2
About the District.....	2
Background	2
Board of Managers.....	2
Citizen Advisory Committee.....	3
Staff	4
Consulting Services	4
Water Resources Management Plan	4
Assessment of 2011 Work Plan / CIP	5
District Rules and Permits	9
Rules Update.....	9
Permit Activity.....	10
Status of Local Plan Adoption and Implementation	10
Monitoring Data.....	10
Wetland Banking.....	11
Financial Report	11
2011 Financial Summary.....	11
Grants.....	12
2012 Work Plan / CIP	13

Introduction

This report has been prepared by the Prior Lake-Spring Lake Watershed District (PLSLWD, or District) and details the activities of the District through the calendar year 2011. The report will focus on the District's program and project accomplishments relative to the approved Capital Improvement Plan established in the 2010 PLSLWD Water Resources Management Plan, and annual work plan. Annual reporting requirements listed in Minnesota Rules Chapter 8410.0150, Subpart 3 will also be included in this report.

About the District

Background

The Prior Lake-Spring Lake Watershed District was established on March 4, 1970 by order of the Minnesota Water Resources Board (MWRB) under the authority of the Minnesota Watershed Act (Minnesota Statutes, Chapter 112). The order was in response to a petition filed by resident landowners within the watershed on June 24, 1969. This citizen petition sought establishment of the District for the purposes of wisely managing and conserving the waters and natural resources of the watershed.

The PLSLWD is approximately 42 square miles in size and is located in north central Scott County, Minnesota, encompassing parts of the cities of Prior Lake, Shakopee, and Savage and parts of Sand Creek and Spring Lake Townships. In addition, a portion of the Shakopee Mdewakanton Sioux Community tribal lands are located within the District.

Board of Managers

The PLSLWD is administered by a five-person Board of Managers (Board) appointed by the Scott County Commissioners. All of the District's policies, goals, and accomplishments are directed by the citizens who serve on the Board. The Board of Managers meets the second Tuesday of the month at 3:00 PM at the Prior Lake City Hall, located at 4646 Dakota St. SE, Prior Lake, MN 55372. Meeting notices, agendas and approved minutes are available on the District website at www.plslwd.org/meetings.php.

Board members serving during the calendar year 2011 are listed below.

Craig Gontarek

President

Term: 3/3/2009-3/2/2012

Resides in Prior Lake

15721 Island View Road
Prior Lake, MN 55372

William Kallberg

Vice President

Term: 3/3/2010-3/2/2013

Resides in Spring Lake Township

2550 South Shore Drive
Prior Lake, MN 55372

William Schmokel

Secretary

Term: 3/3/2010-3/2/2013

Resides in Prior Lake

4151 Grainwood Circle NE
Prior Lake, MN 55372

Greg Aamodt

Treasurer (beginning 6/14/2011)
Term: 6/12/2010-6/11/2013
Resides in Prior Lake

15221 Wilds Parkway NW
 Prior Lake, MN 55372

Larry Mueller

Treasurer (through 6/14/2011)
Term: 5/14/2008 – 6/25/2011
Resides in Spring Lake Township

PO Box 669
 Prior Lake, MN 55372

Bruce Thorsen

Manager
Term: 6/26/2011-6/25/2014
Resides in Spring Lake Township

PO Box 1264
 Prior Lake, MN 55372

Citizen Advisory Committee

The Prior Lake-Spring Lake Watershed District formalized its Citizen Advisory Committee (CAC) in 2011. The CAC consists of residents who provide input and recommendations to the Board on projects, reports, prioritization and act as the primary interface for the Board to integrate the current issues of concern of the local citizens. A vacancy was created when member Bruce Thorsen was appointed to the Watershed District Board of Managers in June. This vacancy remained through the year ending 2011 and has since been filled in 2012. The CAC meets monthly on the last Thursday of the month at 6:30pm at the Prior Lake City Hall, located at 4646 Dakota St. SE, Prior Lake, MN 55372.

Citizen Advisory Committee members that served during the calendar year 2011 are listed below.

Paul Krueger

Resides in Spring Lake Township
 17746 Fairlawn Avenue
 Prior Lake, MN 55372

Kim Silvernagel

Resides in Prior Lake
 3152 Butternut Circle
 Prior Lake, MN

Jim Weninger

Resides in Spring Lake Township
 2591 Spring Lake Rd SW
 Shakopee, MN 55379

Steve Pany

Resides in Prior Lake
 5561 Cedarwood Street NE
 Prior Lake, MN 55372

Bruce Thorsen

Resides in Spring Lake Township
 PO Box 1264
 Prior Lake, MN 55372

Larry Rundell

Resides in Prior Lake
 15096 Fish Point Road
 Prior Lake, MN 55372

Roger Wahl

Resides in Prior Lake
 16510 Inguadona Beach
 Prior Lake MN 55372

Staff

Day to day operations of the Prior Lake-Spring Lake Watershed District are managed by a District Administrator and staff. All staff can be contacted through the main District phone number, 952-447-4166, or at the District Office, 14070 Commerce Avenue NE, Suite 300, Prior Lake, MN 55372. Staff throughout all or part of calendar year 2011 are listed below.

Michael Kinney*
District Administrator

Amy Tucci*
Administrative Assistant

Emily Javens*
Watershed Engineer

Nat Kale*
Watershed Planner

Samantha Linman-Stunes
Water Resources Technician

Joshua Mankowski
District Technician

Stacy Sass*
Water Resources Technician

*Current staff

Consulting Services

The biennial solicitation for legal, professional, and technical services for 2010 and 2011 occurred in October, 2009. Submittals were reviewed and professional services were selected on November 18, 2009. Selected firms for the years 2010 and 2011 are listed below.

Abdo, Eick and Meyers, LLP
Audit Services
Phone: 952-835-9090
www.aemcpas.com

Blue Water Science
Ecological Services
Phone: 651-690-9602

Emmons and Olivier Resources, Inc
Engineering Services
Phone: 651-770-8448
www.eorinc.com

Messerli and Schadow, PLLP
Accounting Services
Phone: 952-927-8350
www.messerli-schadow.com

Smith Partners, PLLP
Legal Services
Phone: 612-344-1400
www.smithpartners.com

Solicitation for consulting services for 2012 and 2013 was made in September and October, 2011. After review of submittals, at its December 13, 2011 meeting, the Board elected to maintain the existing consulting firms for 2012 and 2013.

Water Resources Management Plan

The Minnesota Board of Water and Soil Resources (BWSR) approved the District's third generation Water Resources Management Plan (WRMP) on June 23, 2010 and the District Board adopted the plan at its July 13, 2010 meeting. A copy of this plan is available electronically on the District website or by request, or in hard format at the District office. The WRMP lists several specific goals that guide the District's planning and management functions, as well as provide the basis for the District's policies, standards and rules.

Significant progress has been made towards meeting the goals of the WRMP in 2011, notably:

- Formalization of the District’s Citizen Advisory Committee with 7 resident committee members.
- Expanded the District’s education and outreach program with regular submittal of news articles by CAC members and redesign of the District website.
- Approved the Spring and Upper Prior Lake Nutrient TMDL and completed the draft Implementation Plan.
- Completed the data collection phase of the Lower Prior Lake Diagnostic Study and the analysis phase of the District Wetland Plan.
- Continued the District’s cost share program providing incentives for voluntary implementation of BMPs.
- Coordinated and expanded monitoring activities with numerous agencies and volunteers, and created and implemented a comprehensive water quality database.
- Progress toward revision and update of the District’s Rules utilizing citizen, stakeholder and TAC input.
- Formation and approval of a comprehensive Carp Management Strategy to be implemented over the next several years including population evaluations, assessment of spawning areas and migration patterns, and targeted removal.
- Continued funding half of and partnering in the collaborative Scott Clean Water Education Program (SCWEP) to provide effective and efficient coordinated water resources education and public outreach within the District and throughout Scott County. The SCWEP Annual Report for 2011 summarizes the efforts of the program and can be found at <http://www.scottswcd.org/scwep.html>.
- Obtained over \$2.9 million in grant funding for various activities implemented in part throughout 2011.

Assessment of 2011 Work Plan / CIP

Following is a summary of implementation activities completed in 2011 relative to the Capital Improvement Plan within the District’s WRMP.

Table 1. 2011 Work Plan / CIP Assessment

Subwatershed	Work Plan Item	Page*	Status
District Wide Projects and Activities	Innovative Water Management and Demonstration Projects	4-5	Continued implementation of shoreland/rain garden cost share program in conjunction with the Blue Thumb program. Coordinated with local school district to plan for BMP retrofits on their properties. Funded \$124,900 of partnership retrofit projects with the City of Prior Lake including stormwater pond modifications with iron-enhanced sand filters and curb cut rain gardens. Estimated lifecycle cost per pound of phosphorus reduced is \$208 per pound of phosphorus per year.

Subwatershed	Work Plan Item	Page*	Status
	Information and Education Program	4-6	Participated in and provided 50% of the funding toward the Scott Clean Water Education program (SCWEP 2011 Annual Report is available at http://www.scottswcd.org/scwep.html). Formalized the District Citizen Advisory Committee. Attended and presented at local community group meetings. Administrator interview video on local cable access channel regarding District overview and updates. Submitted several articles and news briefs for printing in local newspaper with updates on District activities.
	District Monitoring Program	4-7	Monitoring in 2011 included a mix of staff led, volunteer based and contracted work incorporating in-lake monitoring, stream water quality and flows, precipitation and aquatic vegetation monitoring according to the 2011 Monitoring Plan.
	BMP and Conservation Easement Inventory and Inspection	4-7	Inspections continued on District permitted BMPs and easements. Coordination continued with the City of Prior Lake to explore opportunity for efficiency in combined inspection efforts.
	Wetland Functions and Values and High Value Natural Areas Protection	4-8	Data analysis and report writing was completed on the Comprehensive Wetland Protection and Management Plan. TEP meetings were held, management classes were established and inventory data was utilized in conjunction with the WREP and Upper Watershed Volume grant work.
	Infiltration Enhancement Pilot Project	4-8	District staff worked with contractors at two projects within the Jeffers Pond development to implement soil amendments.
	Property Tax Incentive Program	4-9	Met with Scott SWCD and Scott WMO staff to discuss framework, as well as made initial farmer contacts.
Outlet System Subwatershed	Prior Lake Outlet Structure	4-9	The new outlet structure was flowing from November 2010 through September 2011, outletting over 20,000 acre feet of water, moderating lake elevations below the OHW and preventing major flooding. Continued inspections were made through the year to ensure the project integrity and efficiency.
	PLOC Restoration and Maintenance	4-10	Due to high flows within the channel, no construction activity was completed. Previously reconstructed areas were monitored for project integrity and the entire channel was monitored for stability and function. Continued implementation of JPA/MOA for the PLOC and continued to seek corrected easements for channel areas.

Subwatershed	Work Plan Item	Page*	Status
	Outlet Channel Monitoring	4-10	Outlet channel monitoring flow measurements and water quality sampling were completed at one location. An update to the PLOC XP-SWMM model was initiated in 2011 as well.
	Review Jurisdictional Border	4-11	This item did not move forward in 2011.
Prior Lake Subwatershed	Storage and Infiltration Projects	4-11	Cost share toward retrofit projects on the Boudin neighborhood reconstruction that previously drained untreated to Lower Prior Lake. Set a goal of completing projects that cost \$600 per pound of phosphorus benefit or less. Grant funding obtained for Upper Prior BMP Retrofit project of \$189,511 from BWSR beginning April 2011 and continuing through December 2012.
	TMDL Implementation Plan and projects	4-12	Approved the Spring and Upper Prior Lake Nutrient TMDL and obtained MPCA and EPA approval and completed the draft Implementation Plan.
	Lower Prior Lake Retrofit BMP Feasibility Study	4-13	This project obtained grant funding of \$48,417 from the MPCA beginning in 2011 and running through June 2013. Field monitoring was completed at six in lake locations and along main inflow areas in 2011. Analysis of the data was also begun for the Diagnostic Study.
	Prior Lake Aquatic Vegetation Surveys and Management	4-13	Completed aquatic plant surveys on Upper and Lower Prior Lake and provided the information to residents and lake association members, including a public presentation of results.
	Prior Lake Rough Fish Surveys and Management	4-14	Completion of a comprehensive Carp Management Strategy to be implemented over the next several years including population evaluations, assessment of spawning areas and migration patterns, and targeted removal.
	Shoreline Restoration Plan and Implementation	4-15	Continued implementation of shoreland/rain garden cost share program in conjunction with the Blue Thumb program and SCWEP. Seven lakeshore restorations installed and/or designed and five workshops held in 2011.
Spring Lake Subwatershed	Storage and Infiltration Projects	4-15	Constructed the Northwoods Bioretention System in coordination with Scott County and the City of Prior Lake for the County Road 12 Reconstruction project that removed 2.4 pounds of phosphorus per year.

Subwatershed	Work Plan Item	Page*	Status
	TMDL Implementation Plan and projects	4-16	Approved the Spring and Upper Prior Lake Nutrient TMDL and obtained MPCA and EPA approval and completed the draft Implementation Plan.
	Conservation Drainage Pilot Project	4-17	Contracted with Discovery Farms Minnesota and local farmer to conduct a multiyear field scale intensive monitoring study within the District.
	Highway 13 Wetland, FeCl System, and Desiltation Basin Operation and Maintenance	4-18	FeCl system was operated briefly in the early spring of 2011. Additional analysis on system effectiveness and potential system redesign option were investigated. Desiltation basin maintenance work was planned with work being completed in January 2012.
	Spring Lake Aquatic Vegetation Surveys and Management	4-19	Completed aquatic plant surveys on Spring Lake and provided the information to residents and lake association members, including a public presentation of results.
	Spring Lake Rough Fish Surveys and Management	4-19	An open water seining event was conducted on Spring Lake with minimal carp caught. Completion of a comprehensive Carp Management Strategy to be implemented over the next several years including population evaluations, assessment of spawning areas and migration patterns, and targeted removal.
Upper Watershed	Grant Match for Land or Easement Acquisition	4-20	Grant funding obtained for Upper Watershed Volume Reduction project of \$195,600 from BWSR beginning April 2011 and continuing through December 2012. Work continued on the WREP grant that began in October 2010. Completed one on one outreach with 50+ property owners and several neighbors on high priority sites to promote the efforts. No high priority sites had cooperation of all landowners needed to move forward. Additional sites are being investigated.
	Agricultural Outreach and Incentives	4-21	Continued partnership with the Scott SWCD in promoting agricultural incentives through a cost share docket. Assisted 7 farms with nutrient management planning and 11 properties with cost share assistance for projects including filter strips, well sealings, native prairie plantings, and wetland restorations
	Identify and Mitigate Channel Erosion	4-22	No erosion issues were identified in the upper watershed in 2011.
	Fish Lake Aquatic Vegetation Surveys and Management	4-22	Completed aquatic plant surveys on Fish Lake and provided the information to residents and lake association members, including a public presentation of results.

Subwatershed	Work Plan Item	Page*	Status
	Fish Lake Rough Fish Surveys and Management	4-23	Completion of a comprehensive Carp Management Strategy to be implemented over the next several years including population evaluations, assessment of spawning areas and migration patterns, and targeted removal.
District Operations	Rules and Standards Revision	4-24	Progress toward revision of the District’s Rules, including incorporation of new standards, updates regarding new technologies and science and overall streamlining. Several Rules were drafted in late 2011 with input from citizen, stakeholder and the TAC. Remaining Rules work will carry forward into 2012.
	Permitting, Plan Review and Compliance	4-25	Issued two new permits and inspected past permit sites for compliance. Reviewed 19 permits from LGUs. Attended local development review committee meetings. Reviewed and approved the City of Savage local water plan update.
	Planning and Program Development	4-25	Participation in the MPCA MIDS process. Continued staying abreast of MS4 General Permit reissuance and additional local, regional, state and federal watershed planning issues.
	Research	4-25	Staff time was spent preparing for a Discovery Farms research site within the District, completing lake sediment research efforts in conjunction with the St. Croix Watershed Research Station, and initiating a rough fish management program within the District in cooperation with University of Minnesota carp research efforts.

*Page refers to the page number in the District’s 2010- 2019 Water Resources Management Plan.

District Rules and Permits

Rules Update

The Board of Managers approved a process for updating the District Rules in July of 2011. All of the current set of rules will undergo final revision in 2012, though several were begun in late 2011. Substantive rules, such as Stormwater Management, Erosion Control, Wetland Alteration, and others that impose conditions on the issuance of a permit, have been and will be reviewed by a Technical Advisory Committee of local government water experts. Rules will continue to be presented to the Board as they are updated, and are planned to be adopted in a single action when revisions to all rules have been completed, likely in fall of 2012.

Permit Activity

Two permits were issued in 2011: 11.01: Squires Culvert, and 11.03: Jeffers Pointe. Both of these permit sites were the subjects of regular inspections, as were previous permits 10.02: Jeffers Waterfront, 09.02: Riverside Bluffs, and 08.01: CSAH 21. Permit 11.01 was also closed in 2011, with the issuance of a Certificate of Completion to the applicant.

The Watershed Planner and District Engineer conducted audits of the permitting activities of the City of Prior Lake and Scott County. These audits found that the City and the County are generally reviewing and issuing permits in a manner that is as protective of water resources as the District; the discrepancies that were noted (such as application of floodplain fill regulations) are anticipated to be addressed through the rules update process.

Status of Local Plan Adoption and Implementation

With approval of the District's WRMP in June of 2010, local units of government having land use planning and regulatory responsibility are required by statute to prepare or update existing local water management plans. Although submission and review of the LGUs Local Surface Water Management Plans is required to occur by June of 2012, the City of Savage plan was reviewed and approved on June 14, 2011. Submittals of plans from the City of Shakopee, the City of Prior Lake, and Scott County are anticipated before June of 2012.

Monitoring Data

Monitoring efforts in 2011 were implemented in regard to the Annual Monitoring Plan. These efforts included in-lake monitoring, stream monitoring and precipitation.

In-lake monitoring included bi-weekly sampling throughout the open water season by citizen volunteers through the Met Council CAMP program on Cates, Fish, Lower Prior, Spring and Upper Prior Lakes. Additional bi-weekly lake profile monitoring was completed on Fish, Spring and Upper Prior Lakes via Three Rivers Parks District for the PLSLWD. Aquatic vegetation surveys and reports were completed in early spring and mid summer on Fish, Lower Prior, Spring and Upper Prior Lakes by Blue Water Science on behalf of the District. Furthermore, extensive in-lake and tributary monitoring was completed in Lower Prior Lake with regard to the Lower Prior Lake Diagnostic Study.

Stream monitoring consisted of measuring flows at nine sites and included use of level loggers to establish rating curves at those sites. Water quality grab sampling was completed at ten sites, as well as collection of in the field data with the use of multiparameter sondes. Precipitation was tracked daily by volunteers at four existing sites throughout the District and an automated Tipping Bucket Rain Gauge was set up at one additional site.

A significant improvement to the Monitoring Program of the District in 2011 was the development and implementation of a web based Water Quality Database. The database replaces a number of Excel spreadsheets with a single system. It allows for dynamic querying, bulk upload and download of data,

and dynamic graphing, including correlation graphs (one parameter on the X axis, and another on the Y axis). Having a web-based system also opens the door to recording monitored values directly in the field, and tying monitoring data to the District website. An assessment of 2011 water quality data trending and analysis can be queried within the Water Quality Database at www.plslwd.org/wqdb.

Wetland Banking

The Prior Lake-Spring Lake Watershed District does not have a locally adopted wetland banking program within its jurisdiction.

Financial Report

The 2011 PLSLWD Audit was completed by Abdo, Eick and Meyers LLP, and includes both the District's Annual Financial Report and the Independent Auditor's Report on Compliance with Minnesota Legal Compliance Guide for Local Governments for the year ended December 31, 2011. A copy of the 2011 Annual Audit is available for review on the District website at www.plslwd.org/reports.php and at the District office.

2011 Financial Summary

Values presented in the chart and graph below are unaudited. Please refer to the 2011 Annual Audit for more details.

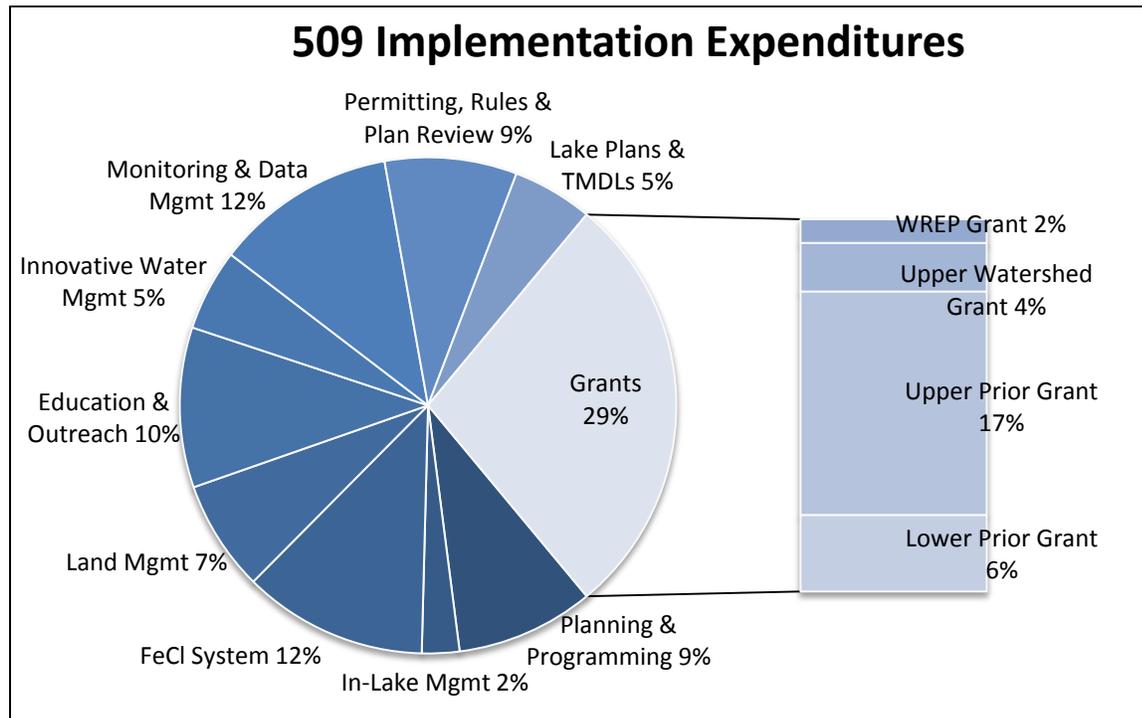
Table 2. 2011 Financial Summary

Fund	Starting Balance	Approved Budget	Tax Levy Revenue*	Additional Revenue**	Expenditures	Ending Balance
General	\$196,973	\$139,600	\$102,480	\$16,436	\$169,142	\$146,747
509 Implementation	\$2,299,625	\$938,600	\$489,816	\$333,594	\$868,259	\$2,254,776
MOA/JPA Funds	\$507,643	\$320,638	\$0	\$204,981	\$169,103	\$543,521
Bond Debt Service	\$54,518	\$143,253	\$128,769	\$7,087	\$143,253	\$47,121
Bond Construction Funds	\$173,374	\$150,231	\$0	(\$74,321)	\$0	\$99,053
Total	\$3,232,133	\$1,692,322	\$721,065	\$487,777	\$1,349,757	\$3,091,218

*Tax levy revenues shown are tax levy dollar amounts collected. The 2011 actual tax levy was \$737,458.

** Additional revenues include permit fees, investment income, transfers (to)/from other funds, and grant funding used of \$236,479.

Figure 1. 2011 509 Implementation Expenditures



Grants

Grants obtained by the District that were active in 2011 are as follows.

- USDA-NRCS Wetland Reserve Enhancement Program (WREP)**

This \$2.5 million project over five years is for a watershed-based regional program to restore and enhance high quality wetlands and surrounding upland habitat in Sand Creek and Prior Lake-Spring Lake Watersheds in Scott County, MN. This is joint initiative with the Prior Lake-Spring Lake Watershed District (PLSLWD), Scott Soil and Water Conservation District (SWCD), Scott Watershed Management Organization (WMO), Rice SWCD, Le Sueur SWCD, and the Minnesota Department of Natural Resources (MDNR). The grant went into effect on October 1st, 2010 and will continue for a five year period.
- Spring and Prior Lakes Upper Watershed Stormwater Runoff Volume Reduction**

A grant of \$195,600 was received by the District from BWSR via the Clean Water Fund. The grant funding will aid in the establishment and restoration of wetlands and natural depressional areas in the upper watershed of the District, reducing both nutrient levels and water volume reaching the lakes during wet seasons. The grant began on April 7, 2011 and will continue through December 31, 2012.

- **Upper Prior Lake Targeted Stormwater BMP Retrofits and Enhancements**
 Grant funding was issued to the District in the amount of \$189,511 from the Clean Water Fund administered by BWSR. The funding will be utilized to enhance and retrofit existing water quality features, including adding iron sand filters and pond modifications to stormwater ponds, and to install additional new practices, such as rain gardens and permeable pavement, in targeted areas that currently are untreated and drain directly into Upper Prior Lake. The grant began on April 7, 2011 and will continue through December 31, 2012.
- **Lower Prior Lake Diagnostic Study**
 The District received a grant of \$48,417 for a diagnostic study on Lower Prior Lake that will include an assessment of current water quality and pollutant sources and prescribe targeted protection strategies for the lake. Funding was provided through the Clean Water Partnership administered by the MPCA. The grant began on January 29, 2011 and will continue through June 30, 2013.

2012 Work Plan / CIP

Following is a summary of implementation activities planned to be completed in 2012.

Table 3. 2012 Work Plan / CIP and Budget

Subwatershed	Work Plan Item	Page *	2012 Budget**
District Wide Projects and Activities	Innovative Water Management and Demonstration Projects	4-5	\$50,000
	Information and Education Program	4-6	\$52,500
	District Monitoring Program	4-7	\$42,500
	BMP and Conservation Easement Inventory and Inspection	4-7	\$15,000
	Wetland Functions and Values and High Value Natural Areas Protection	4-8	\$6,000
	Property Tax Incentive Program	4-9	\$5,000
Outlet Subwatershed	PLOC Restoration and Maintenance	4-10	\$25,000 and JPA funding
	Outlet Channel Monitoring	4-10	\$8,000
Prior Lake Subwatershed	Storage and Infiltration Projects	4-11	\$25,000
	TMDL Implementation Plan and projects	4-12	\$50,000

Subwatershed	Work Plan Item	Page *	2012 Budget**
	Lower Prior Lake Retrofit BMP Feasibility Study	4-13	\$20,000
	Prior Lake Aquatic Vegetation Surveys and Management	4-13	\$8,000
	Prior Lake Rough Fish Surveys and Management	4-14	\$15,000
	Shoreline Restoration Plan and Implementation	4-15	\$10,000
Spring Lake Subwatershed	Storage and Infiltration Projects	4-15	\$35,000
	TMDL Implementation Plan and projects	4-16	\$50,000
	Conservation Drainage Pilot Project	4-17	\$10,000
	Highway 13 Wetland, FeCl System, and Desiltation Basin Operation and Maintenance	4-18	\$25,000
	Spring Lake Aquatic Vegetation Surveys and Management	4-19	\$13,000
	Spring Lake Rough Fish Surveys and Management	4-19	\$20,000
Upper Watershed	Grant Match for Land or Easement Acquisition	4-20	\$50,000
	Agricultural Outreach and Incentives	4-21	\$30,000
	Identify and Mitigate Channel Erosion	4-22	\$4,000
	Fish Lake Aquatic Vegetation Surveys and Management	4-22	\$10,000
	Fish Lake Rough Fish Surveys and Management	4-23	\$10,000
District Operations	Permitting, Plan Review and Compliance	4-25	\$25,000
	Planning and Program Development	4-25	\$20,000
	Research	4-25	\$10,000
Total			\$644,000

*Refers to the page number in the District’s 2010-2019 Water Resources Management Plan.

** Budgeted amounts are taken from the CIP table of the District’s 2010-2019 Water Resources Management Plan.