

# 2011 Activity Highlights

## SHERBURNE SOIL AND WATER CONSERVATION DISTRICT

### Our Mission

The Sherburne Soil & Water Conservation District is dedicated to working directly with landowners and agencies in order to promote the wise and sustainable use of our land and water related resources; to educate and inform the public about these uses; to help solve the resource problems within the District and to serve as a county wide natural resource information referral center.



### PRESENT BOARD MEMBERS

The Board of Supervisors meet the first Monday of the month at 8:30 a.m. at the USDA service center in Elk River

### BOARD OF SUPERVISORS

David Berg	dberg@sherburneswcd.org
Jason Selvog	jselvog@sherburneswcd.org
Larry Goenner	lgoenner@sherburneswcd.org
Doug Hipsag	dhipsag@sherburneswcd.org
Roger Nelson	rnelson@sherburneswcd.org

14855 Highway 10  
Elk River, MN 55330

Phone: (763) 241-1170 Ext.3  
Fax: (763) 241-1161  
www.sherburneswcd.org



### SWCD STAFF

Tiffany Determan	tdeterman@sherburneswcd.org
Bill Bronder	bbronder@sherburneswcd.org
Francine Larson	flarson@sherburneswcd.org
Gina Hugo	ghugo@sherburneswcd.org
Franny Gerde	fgerde@sherburneswcd.org



### NRCS STAFF

Mary Monte	Mary.monte@mn.usda.gov
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# GETTING CONSERVATION ON THE LAND

## ELK RIVER WATERSHED: UPDATE

The ERWA began working on TMDLs for Mayhew Lake, Big Elk Lake, and the Elk River late in 2008. Since that time the ERWA has completed the rigorous collection of water quality data to support the program, held a series of public meetings which took place at different stages of the program, and completed a Draft TMDL Report and corresponding Water Quality Cleanup Plan. A revision was made to the Draft report, which resulted in a change to the wasteload allocation formula for the Big Elk Lake nutrient TMDL component of the Elk River Watershed TMDL. This revision was necessary as the allocation expressed in the original draft TMDL report did not account for the total wasteload contribution within the Big Elk Lake watershed. The revision resulted in a change to the MS4 categorical wasteload allocation for the Big Elk Lake TMDL from 1.20 to 0.94 pounds/day for total phosphorus. Due to the above mentioned change, a second public comment period was required.

First Public Comment Period	Second Public Comment Period
June 20th, 2011- August 15th, 2011	February 6th, 2012- March 7th, 2012.

### FORESTRY



- Cub Scouts and Girl Scouts assisted in a wind break planting to manage a pine bark beetle infestation



- Eagle Scouts and Cub Scouts planted 200 bur oak acorns as part of an Oak Savanna restoration at a City park in Big Lake



### NATIVE BUFFERS



- 265 acres of native prairie were managed with a prescribed burn



- 220 acres were enhanced with 25 species of local ecotype forbs

### STORMWATER

#### Union Church



- Two raingardens were installed  
- 660 ft<sup>2</sup>  
- Treating a drainage area of 0.6 acres

- Will result in an 83% reduction of Total Phosphorous!



#### City of St. Cloud



City of St. Cloud LRP Stormwater Retrofit Rain Garden Locations



- 20 raingardens were installed

- Total area of 3,800 ft<sup>2</sup>

## EDUCATION AND OUTREACH

- Tribute to Agriculture Day
- Second addition Weed ID Guide



-Pollinator day at the Sherburne History Center



- Environmental Education Days
- Major Watershed Launch Event

- Annual Elk River Clean Up Event



## MAJOR WATERSHED PROJECT

- 45 locations on impaired stream reaches were monitored for Dissolved oxygen
- Streams were also monitored for turbidity, fish, invertebrate, and macroinvertebrate bioassessments
- Began analyzing data for 12 lakes listed as impaired. Data is being run through a modeling program to determine nutrient loading and reductions needed to meet state standards



## SHORELINE RESTORATION



← **Andreen**

- Big Eagle Lake
- 1,125 ft<sup>2</sup>
- 450 native plants

**Warzecha** →



- Rum River
- 260 linear feet
- 3 stream barbs
- Cedar revetments along entire length of project



← **Schreder**

- Rum River
- 400 linear feet
- 4 stream barbs
- Cedar revetments over top of stream barbs

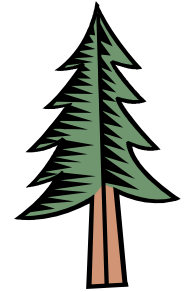
**Miller-Morris** →



- Lake Julia
- 150 linear feet
- Cedar revetments
- Willow live stakes

## TREE SALE

- 24,000 trees were planted as a result of our tree program!



## IN ADDITION

- Responded to 85 site visit requests for Forestry Services
- County park resource maintenance
- Partnered with the Blue Thumb
- Responded to Wetland Conservation Act (WCA) site visits



## SERVICES

There are fees associated with some of our programs. Please contact our office for more information.

- Tree Planting
- Prairie Restoration/Planting
- Weed Badgering
- Annual Tree Sale
- Forest Stewardship Plans
- Wetland Delineations
- Rotational Grazing Plans