



2010 Newsletter



Website: www.30lakes.org

Fall 2010

Special Points of Interest;

- What you can do to help a lake near you
- Cost-Share Program
- Arbor Day Celebration
- Earth Day Expo
- Water Quality and Lake Level Monitoring
- Pelican Lake Project
- Managers
- TLWD is Moving



Thirty Lakes Watershed District

Managers:

Mark Young
President

Gorden Hardy
Vice President

Tom Sweningson
Secretary

Don Otremba
Treasurer

Ken Svee
Manager

Staff:

Tasha Lauer,
Office Manager

What you can do to help a lake near you

Limit the amount of storm water runoff from your property.

Storm water runoff is a major pollutant. Storm water coming off roof tops, driveways, and streets picks up a variety of contaminants. It is a nasty brew of salt, automotive chemicals, metals, grease, garden chemicals, animal waste, dust and dirt that flows unimpeded into a lake or even groundwater. Contaminants harm fish and other aquatic life and increase nutrient levels. Sediments carried in storm runoff can smother aquatic life, clog fish gills, and cut off the light needed by underwater plants. If each property owner limited storm wa-

ter runoff from their property this would limit the amount of this toxic brew entering our lakes and groundwater.

How: Divert rain gutters from paved surfaces to grass or other vegetated areas. Replace impervious surfaces such as concrete with brick or paving stones that allow precipitation to run between pavers. Reduce the amount of lawn and replace with trees and other vegetation that absorb more precipitation. Install gravel trenches along your driveway to collect runoff or consider installing rain garden to collect runoff from your site. Pervious Asphalt, concrete and pavers are available. Our Cost-Share

Program may help with the cost.

Regularly pump out your septic system.

All septic systems must be pumped every 3-5 years to remove the sludge and floating scum to prevent the system from failing. Avoid flushing chemicals and bleach products into your system as they can kill the bacteria that is an important component of a healthy septic system. Don't install or use a garbage disposal as the solids and grease stress the bacteria and shorten the life of the system. Dispose of grease in the regular trash. Set up a regular pump out timetable with your septic system hauler.

Up to 50% off, Cost-Share Projects

Are you creating a project, and are going to have a Rain Garden, Shoreland Buffer, Rain Barrel, Infiltration Basins, Pervious pavers, concrete or asphalt? We can help you with our Water Quality Cost-share

Program. We can help with getting native Crow Wing County flowers, trees, shrubs, and grasses. The Cost-Share Program will allow a 50% matched funding, restrictions apply. Please email or call us if you would

like more information or are ready to get started on a project.

Thirty Lakes Watershed District
322 Laurel St, Suite 13
Brainerd, MN 56401
218-828-0243,
www.30lakes.org
lakeswsd@brainerd.net

Arbor Day Celebration - April 30, 2010

Arbor Day was celebrated at the Northland Arboretum on May 30, 2010, with many booths, such as:

Brainerd in Bloom Information

Emerald Ash Borer and Other Tree Pests Booth

Free Tree or Shrub

Honeybee Display



Laurel Street Tree Sponsorship Booth

Nature Prints & Cards

Tree & Wildlife Paintings

Tree ID Booklets

Tree Planting Demonstrations

Live Music



Master Gardener Booth



Earth Day Celebration — April 22, 2010

This year Earth Day was celebrated at the Central Lakes College.

There was many exhibitors and presentations. The presentations included topics such as, Rain Gardens, Rain Barrels, Honey Bees, Water Quality, Compost and Shoreland Buffers.

The Natural Resources and Law Enforcement had a great cook out.

There were games and activity time for the little ones, such as the food web game, how many bears live in the woods, aquatic game activity.

In the afternoon there was an Earth Day prize drawing.

We all learned the

latest issues facing Brainerd Lakes Area at Central Lakes College.

Your local conservation experts, displays, booths, vendors and much more was seen.

Hope to see you next year for this great event.



Water Quality and Lake Level Monitoring

Fifteen (15) lakes were tested three times during the summer of 2008 to determine their Trophic Status. Of the 52 lakes within the District, several are tested each year on a rotation basis. Of the fifteen lakes tested, 3 are Oligotrophic, 11 were found to be Mesotrophic, 2 are Eutrophic, and none are Hypereu-

trophic. Lake gauges were placed in twenty-two (22) lakes, and their level is recorded every 1-2 weeks

from May through October . Data will be seen on the DNR and www.30lakes.org website.

TSI Range	Trophic Status	Characteristics
0-40	Oligotrophic	Clean lake
41-50	Mesotrophic	Temporary algae & aquatic plant problems
51-70	Eutrophic	Persistent algae & aquatic plant problems
> 70	Hypereutrophic	Extreme algae & aquatic plant problems

Pelican Lake Storm Water Project

The Pelican Lake Storm Water Project at Breezy Point has received grant funds .

During the development of the project, a grant opportunity became available for the Clean Water Legacy Grant funds. An application was completed and mailed to the Board of Water and Soil Resources (BWSR). The grant application was approved under the Soil and Water Conservation District application in February of 2009. The project has been funded and is underway for implementation.

The partners involved in the project are; Westwood Professional

services, CW Soil and Water Conservation District, BWSR and Thirty Lakes Watershed District.

The intent of this project is to remedy the current situation that is allowing runoff from impervious surfaces to enter Pelican Lake with no treatment. The stakeholders of the property and the end users of the resort have identified that the key components of the existing resort need to remain intact to the fullest extent practicable. These components include the beach, playground area, infiltration area adjacent to the parking lot, and a large grass area in the overflow portion of the

infiltration basin. This area is utilized for weddings, family gatherings and special events as it is one of the limited green space areas in this vicinity of the resort.

This system is a replacement of an existing stormwater management system that has surpassed its effective life or is no longer functioning.

This is the least cost alternative and will likely provide the least amount of disruption to the resort community while protecting our resources.

Bruce Yund and Tom Ebnet

Bruce Yund, Thirty Lakes Watershed District Manager for 30 years, passed away on December 13, 2009. He held every office of the District and holds on to many years of knowledge of the lakes area. He resided in Breezy Point, MN.



Bruce Yund



Tom Ebnet

Tom Ebnet, Thirty Lakes Watershed District Manger for almost 15 years, passed away on January 17, 2010. He held many positions on the Watershed Board. Tom served as a liaison between state and local levels concerning issues affecting watershed districts.

We Welcome Two New Managers

The Thirty Lakes Watershed District welcomes two newly appointed managers to the board; Tom Sweningson on Horseshoe Lake and Don Otremba of Merrifield.

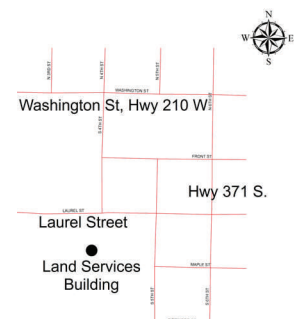
We've Moved to the CWC Land Services Building

As of June 1, 2010,

Thirty Lakes Watershed District's new office location is in the CWC Land Services Building, next to the CWC Court House and Historical Society Museum.

Our New Address:

Thirty Lakes Watershed District
322 Laurel Street, Suite 13
Brainerd, MN 56401
218-828-0243
Website: www.30lakes.org
Email: lakeswsd@brainerd.net

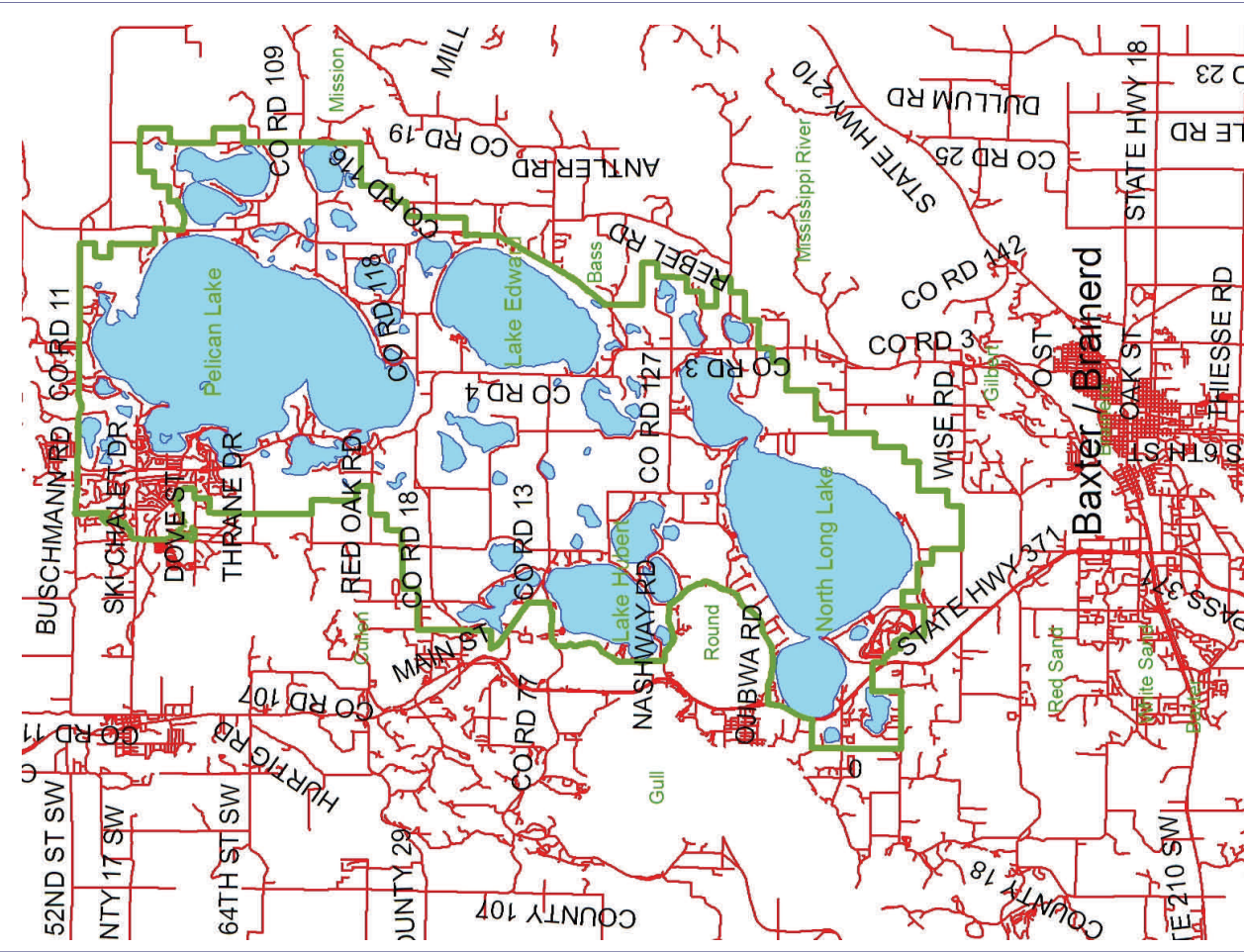


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We Care About Your Water Quality



Map of the Thirty Lakes Watershed District