



# Reitz Lake Restoration



## Clean Water Funds: 2011

Clean Water Grant	\$127,551
Leveraged Funds*	\$39,000
Total Project Budget	\$166,551

\* Leveraged Funds include required 25% local match

### Targeted Water:

Reitz Lake

### Project Sponsor:

Carver County WMO

### Partners:

Carver County WMO, Carver County Public Health & Environment, Carver County Soil & Water Conservation District

### Grant Period:

January 2011 - December 2012

### Project Contact:

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## Project Narrative

The Reitz Lake restoration project began several years ago when water quality samples showed the lake was impaired. Carver County and residents around the lake took action and began to develop a plan (TMDL) to clean up Reitz Lake.

Once the TMDL study and the associated implementation plan (which helps to target specific projects) were completed, funding was sought to target high priority projects around the Lake. First, direct untreated run-off from a farmed area of approximately 100 acres to the north of the lake will be slowed and filtered before it enters the lake. Next, a wetland on the east side of the lake will be enhanced by adding a sediment basin, filter, and fish barrier that will help to buffer and treat approximately 1900 acres of mixed agricultural land. Finally, several shorelines will be re-vegetated and restored to help buffer surface water run-off from lawns and driveways. It is estimated that as much as 8 tons of sediment and 200 pounds of phosphorus per year will be kept from entering the lake.

On-going throughout this two year process (and beyond) the County and volunteers from the lake community will continue to monitor the lake's water quality to track the progress of our activities in the lakeshed. These efforts will be watched to see if they are helping the lakes clarity and/or impacting the invasive carp and weeds (curly leaf pondweed & milfoil) that are also factors in the lake's poor condition.

