



Glass Creek Conservation Project

January 1, 2013 through September 30, 2014

The goal of this grant was to conserve land in the Glass Creek Watershed. Primary water quality concerns in the watershed are erosion and sedimentation, nutrient loading, and future development potential. This is a very high quality cold water creek system that the DEQ ranked as a priority for conservation to maintain its current high quality status. With these grant funds we were able to conserve the 77 Werner property, encompassing 24 acres of wetlands, 23 acres of oak-hickory dominated forest, and 30 acres of open water with almost the entire frontage surrounding Werner Lake. Werner Lake is a headwaters Lake. From Werner Lake the water flows into Glass Creek, Glass Creek empties into the Thornapple River, which empties into the Grand River and then eventually into Lake Michigan.

Grant Amount: \$103,500

Match Funds: \$ 94,800

Total Amount: \$198,300

Best Management Practices:

- 1 permanent conservation easement

Annual Load Reductions:

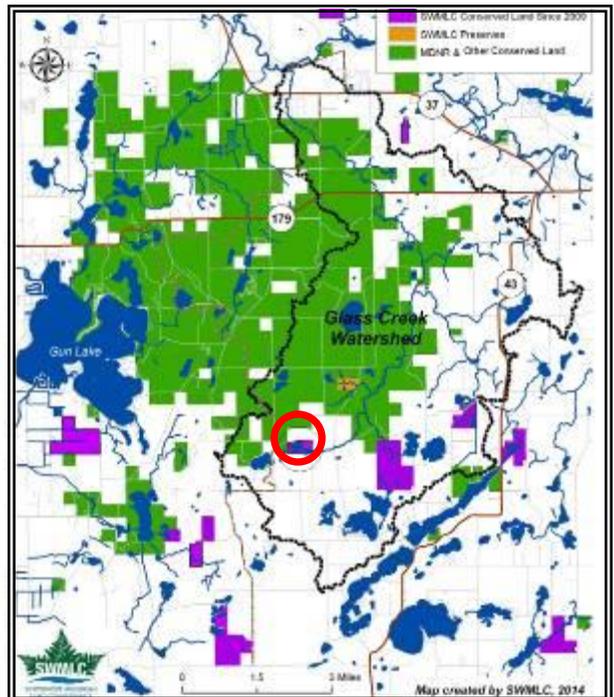
- 0.9 tons of sediment per year
- 34 pounds of phosphorus per year
- 138 pounds of nitrogen per year

Partners involved:

- Southwest Michigan Land Conservancy (SWMLC)
- MI Department of Environmental Quality (MDEQ)
- RTG, LLC
- Landowners along the Glass Creek
- Glass Creek Sub-group of the BSGA which includes Piece Cedar Creek Institute, Michigan Department of Natural Resources, and Michigan Audubon in addition to the groups listed above



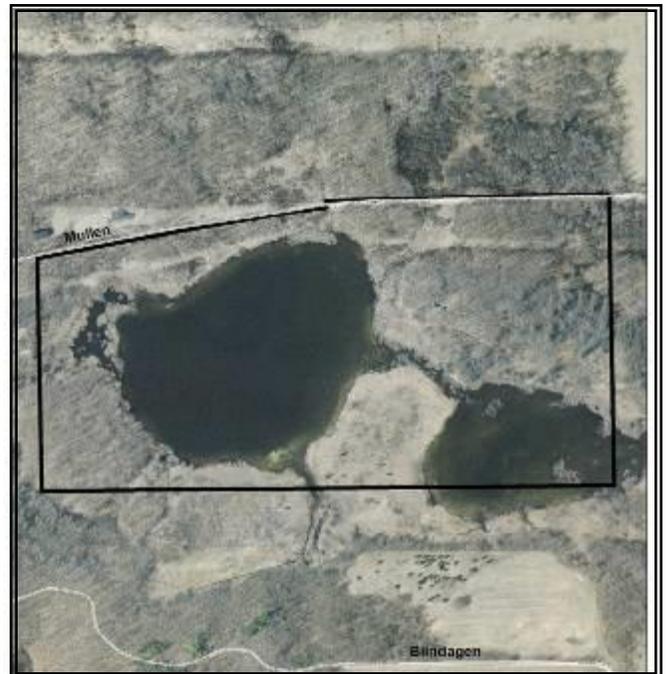
Thornapple River Watershed



Conserved Land in the Glass Creek Watershed



Werner Property.
Picture above is the view across Werner Lake looking south. To the left is a picture of a Pitcher Plant in the prairie fen. Below is a picture of a Tamarack Swamp along the north side of Werner Lake.



Above, leaf-off aerial image of the Werner Conservation Easement property (provided by Barry County 2009)

