



Augusta Creek Conservation Project

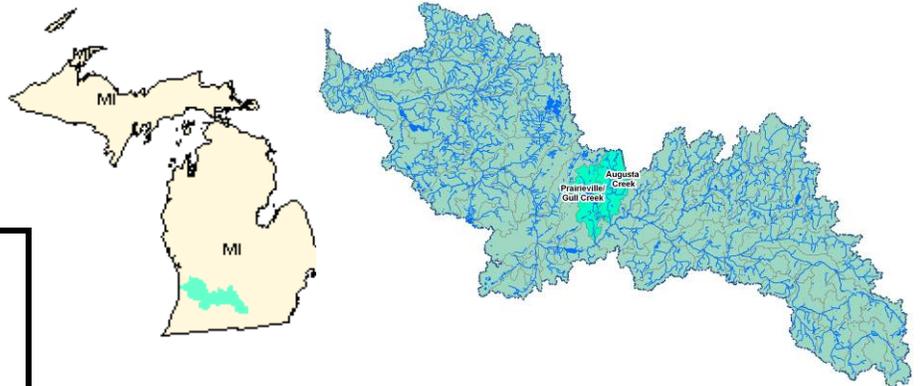
August 15, 2011 through March 31, 2015

The goal of this grant was to conserve land in the Augusta Creek Watershed. Primary water quality concerns in the watershed are erosion and sedimentation, nutrient loading, and future development potential. Augusta Creek is a very high quality creek system that the DEQ ranked as a priority for conservation in the Priority Conservation Areas (PCAs) to maintain its current high quality status. With these grant funds we were able to conserve the 193-acre Ford Farm property, 300-acre Smith Nature Trust property and the six-acre addition to the Shumaker 1 Conservation Easement property. In total, we conserved 499 acres, with 158 acres of wetlands, 341 acres of adjacent uplands, and over 14,500 feet of critical riparian area. The Augusta Creek and Prairieville Creek/Gull Creek form adjacent sub-watersheds that flow downstream in to the Kalamazoo River which later flows into Lake Michigan in the town of Saugatuck.

Grant Amount: \$406,500

Match Funds: \$444,800

Total Amount: \$851,300



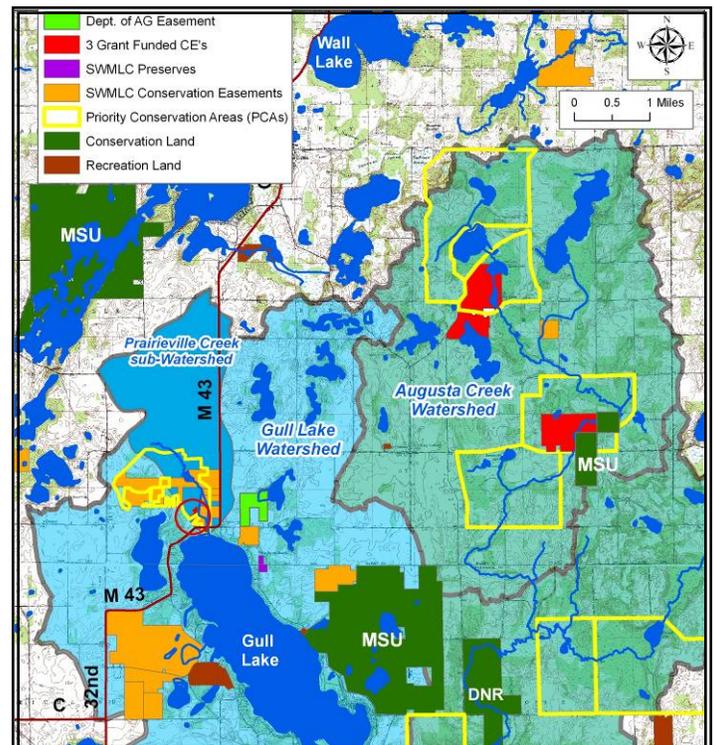
Best Management Practices:

- 3 permanent conservation easements (CEs)

Annual Load Reductions:

- 35,345 tons of sediment per year
- 160 lbs of phosphorus per year
- 1,499 lbs of nitrogen per year

Kalamazoo River Watershed



Partners involved:

- Southwest Michigan Land Conservancy (SWMLC)
- MI Department of Environmental Quality (MDEQ)
- Four Townships Water Resources Council (FTWRC)
- MSU Kellogg Biological Station (KBS)
- Landowners along Augusta Creek
- Craig Shumaker on Prairieville Creek

I&E Activities:

- Multiple mailings to priority landowners in the Augusta Creek Watershed
- One seminar attended by more than 100 residents
- Three tours of different areas in the Augusta Creek Watershed
- Multiple press releases and newsletter articles by SWMLC and FTWRC
- Install 5 signs identifying conserved land in the Augusta Creek Watershed

Grant Funded Conservation Easements

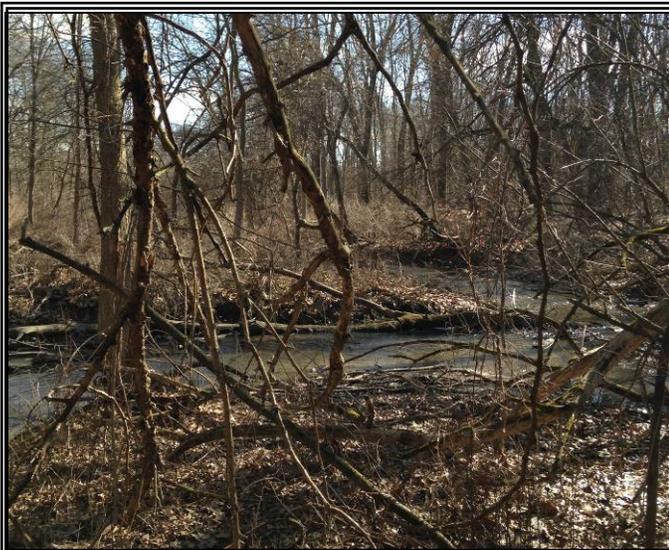




The majority of the north $\frac{1}{2}$ of the 300-acre Smith Nature Trust CE. Little Gilkey Lake is in the foreground and Shallow Gilkey Lake is in the background.



The 193-acre Ford Farm Conservation Easement looking south at the frontage and wetlands surrounding Marshall Lake.



The Shumaker 1 Conservation Easement property, protecting Prairieville Creek as it flows south into Gull Lake. The photo was taken from the new six-acre addition.