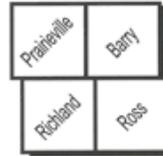




Michigan's  
Nonpoint Source  
Program

## Federal Clean Water Act Section 319 Grant

2007-0151



Four Townships Water

Resources Council

Telephone: (269) 671-2535

Email: mail@ftwrc.org

## Prairieville Creek-Gull Lake Conservation

The tasks in this grant were focused in the Prairieville Creek Watershed. The Prairieville Creek is about two miles long and is the major surface water source to Gull Lake. Gull Creek flows out of Gull Lake and then into the Kalamazoo River near Galesburg. Primary water quality concerns in the watershed are erosion and sedimentation, nutrient loading, and future development potential. The goals of this watershed project were to create a watershed management plan to guide efforts to protect and improve water quality in the lakes and streams in the Four Townships Watershed Area, and protect land through conservation easements along Prairieville Creek. With this grant we completed a watershed management plan that meets the EPA nine elements, and conserved 310 acres through six conservation easements that protect over 6,000 feet of frontage along the creek.

**Grant Amount: \$ 548,700**

**Match Funds: \$ 619,800**

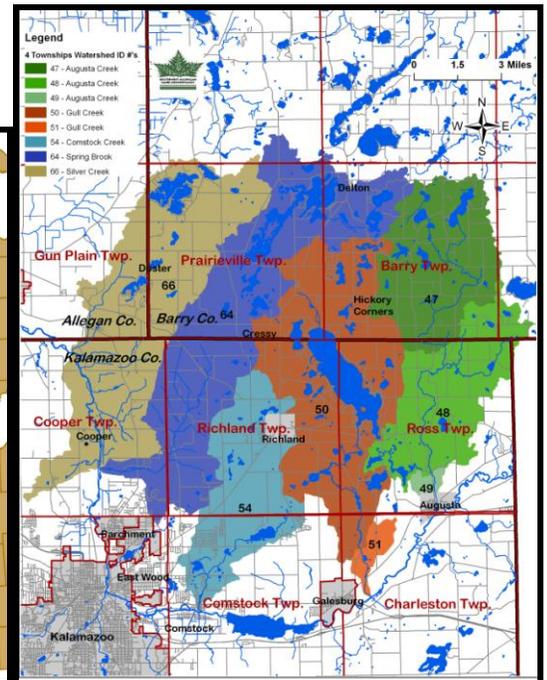
**Total Amount: \$ 1,168,500**

### Best Management Practices:

- 6 permanent conservation easements

### Annual Load Reductions:

- 39 tons of sediment per year
- 183 pounds of phosphorus per year
- 1,583 pounds of nitrogen per year



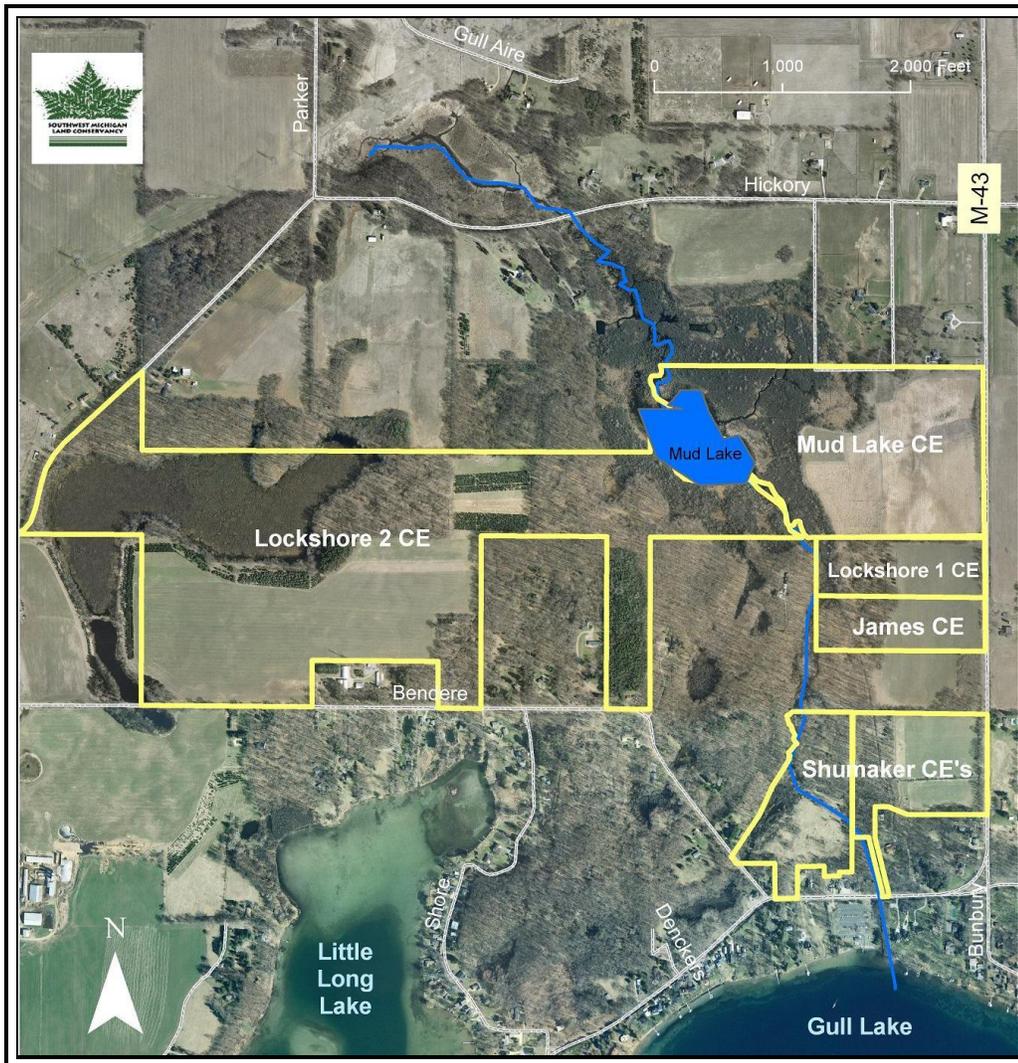
### I&E Activities:

- Creation and mailing of Prairieville Creek Conservation Project Executive Summary
- Watershed signage posted at road stream crossings
- FTWRC led 3 educational canoe trips
- SWMLC led 3 educational tours of Prairieville Creek
- Many public presentations, including 6 annual meetings of non-profit organizations, the Richland Library, Prairieville Township, the Gull Lake area garden club
  - Information posted on GLQO, FTWRC, and SWMLC's websites
- Information given in many publications including multiple press releases and 10 newsletter articles



### Partners involved:

- Four Townships Water Resources Council (FTWRC)
- Gull Lake Quality Organization (GLQO)
- Kalamazoo River Watershed Council (KRWC)
- KRWC Volunteers
- Southwest Michigan Land Conservancy (SWMLC)
- SWMLC Volunteers
- Michigan Department of Environmental Quality
- Kalamazoo County Road Commission
- Landowners along Prairieville Creek



*Aerial map of 6 conservation easement properties along Prairieville Creek that flow into the north end of Gull Lake (aerial base map provided by Barry County 2009).*



*Prairieville Creek flowing through land protected by the James Conservation Easement.*