



Michigan's  
Nonpoint Source  
Program

Clean Water Act Sec.319  
Nonpoint Source Grant  
Tracking #: 2006-0150



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## Rogue River Watershed Update & Easements Project

November 1, 2006 through September 17, 2010

The Rogue River Watershed covers over 167,000 acres of land mostly in Kent and Newaygo Counties, and is a main tributary to the Grand River, the State of Michigan's largest river. The Rogue flows into the Grand just north of Grand Rapids (the 2<sup>nd</sup> largest metro area in the state) and because of this proximity, has many development pressures that do not exist in other watersheds. Annis Water Resources Institute (GVSU), not only provided a critical mapping component, but was also able to complete an update of the Rogue River Watershed Management Plan to meet US Environmental Protection Agency standards. In addition, a permanent conservation easement now protects 124 acres in a high priority area. The easement protects fish and wildlife habitat, water quality, and provides and scenic open space.

**Grant Amount: \$ 149,453.73**  
**Match Funds: \$ 50,906.18**

**Total Amount: \$ 200,359.91**

### Best Management Practices:

- A permanent conservation easement covering 124 acres, extensive wetlands and adjacent forested uplands and a ¼ mile of frontage on the Rogue River.

### Annual Load Reductions:

- Sediment: 8.31 tons
- Phosphorus: 33.48 pounds
- Nitrogen: 359.6 pounds



### I&E Activities:

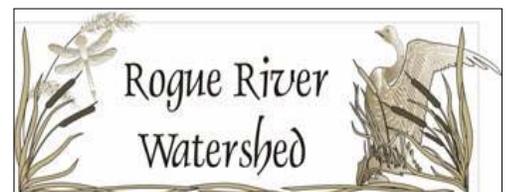
- Land protection information was supplied to hundreds of families within the Rogue River Watershed.
- Families that were not able to complete a conservation easement will be looking to protect their land in some capacity.
- Mapping of the watershed's critical areas will continue to be used for years.
- Wolverine Worldwide (WWW) has and continues to support land protection within the Rogue River Watershed.



### The Rogue River Watershed

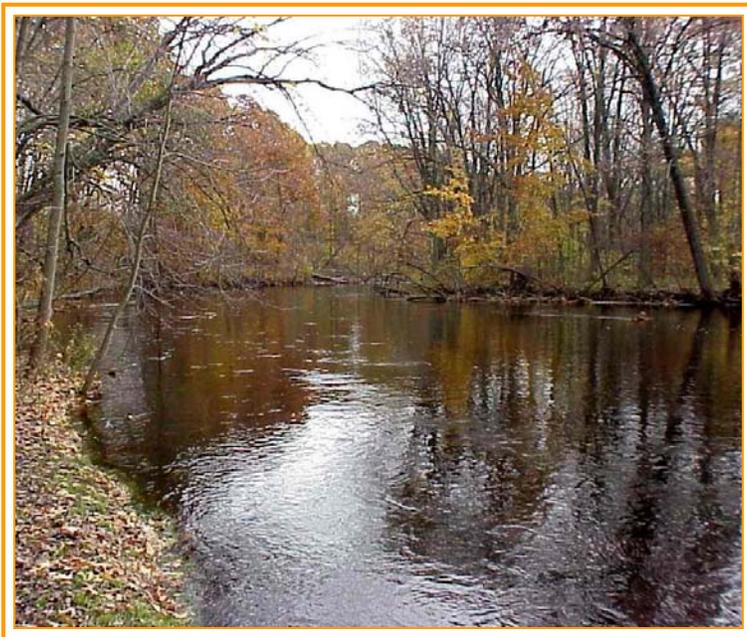


### Partners involved:

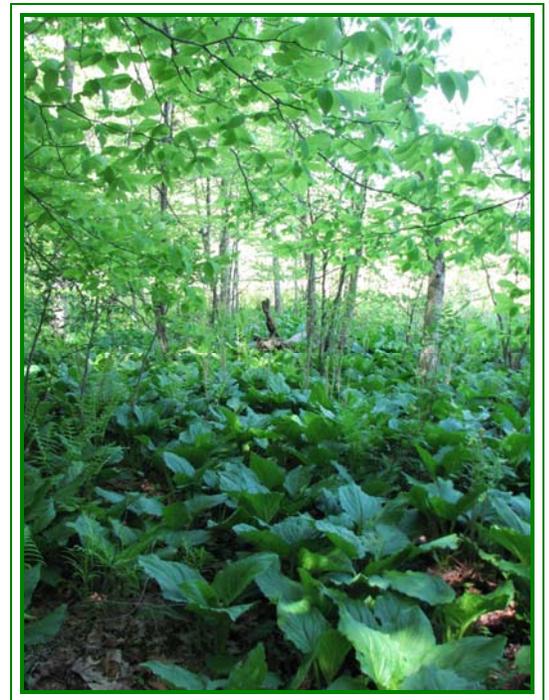




Wetlands on the conservation easement property not only provide valuable wildlife and fish habitat, they help maintain the high water quality of the Rogue River and help control flooding occurrences and other river flashiness.



The Rogue River is recognized as a Michigan Natural River because of its habitat and water quality value, as well as its scenic character. By protecting land in the watershed these attributes are protected.



Emergent wetland habitat is critical for maintaining water quality. Wetlands slow keep sediment and nutrients from directly entering surface water, thus reducing pollution, especially during heavier precipitation events.