



**Clean Water Act  
Section 604(b)  
2000-0164**



Allegan Conservation District  
Telephone: (269)-673-8965  
Fax: (269) 673-9671  
Email: Annemarie.chavez@mi.nacdnet.org

## Gun River Watershed

6/1/2001 - 3/12/2004

The Gun River Watershed encompasses 107 square miles of agricultural, urban, and forested land in Allegan and Barry Counties, and flows into the Kalamazoo River. The Gun River is one of the few rivers in southwest Michigan that is a State Designated Trout Stream. Water quality issues include: 1) the Gun River is on the TMDL list; 2) biological surveys in the Gun River indicate significantly degraded aquatic habitat due to nonpoint source pollution; and 3) the Gun River ranks as the third highest contributor of phosphorus loads to the Kalamazoo River/Lake Allegan system. This project resulted in the development of a watershed management plan for the Gun River watershed.

### Watershed Goals

- Reduce soil erosion and sedimentation by 10% of the sediment loadings per year.
- Reduce the nutrients by 10% of the phosphorus loading and 5% of the nitrogen loading.
- Stabilize stream flows to moderate hydrology and increase base flows.
- Manage obstructions.
- Prevent E. Coli from entering surface waters and attain water quality standards for Total Body Contact from May 1 to October 1 in Gun Lake.
- Maintain coldwater fishery.
- Reduce the potential for hydrocarbon contamination.
- Minimize the spread of invasive and exotic species.
- Minimize the fragmentation of habitat.

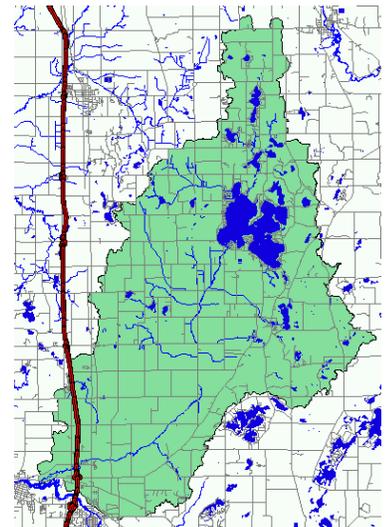
**Grant Amount: \$ 188,153**

**Match Funds: \$ 26,036**

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**Total Amount: \$ 214,190**

## Gun River Watershed



### Partners involved:

- Kalamazoo Environmental Council
- Michigan State University Extension (MSUE)
  - MSUE Kellogg Biological Station
- Allegan Conservation District
- City of Ostego
- Barry County Drain Commissioner
- Allegan County Drain Commissioner
- Michigan Department of Environmental Quality
- Gun Plain Township Trustees
  - Martin Township
  - Gun Lake Sewer Authority
  - Allegan County Road Commission
  - FTCH&H
- USDA Natural Resources Conservation Services
  - Land and Information Services - Land County
  - Michigan Department of Natural Resources
  - Residents

