



Clean Water Act
Section 319
 2003-0038



Allegan Conservation District
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Gun River Transition Project

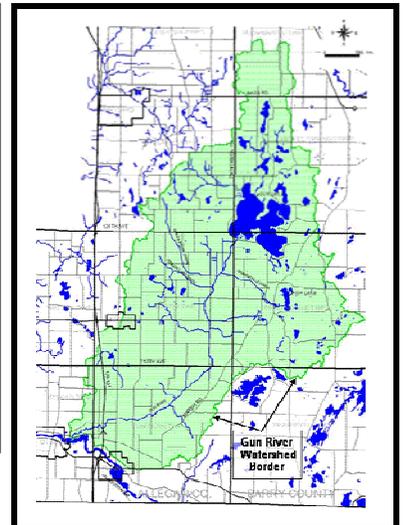
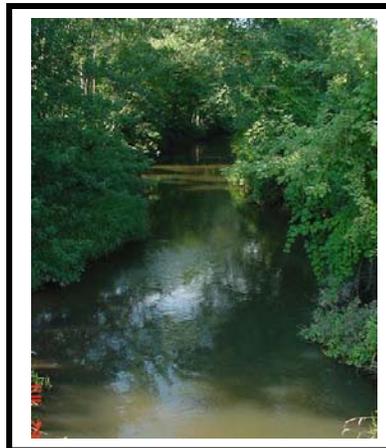
August 1, 2004 through September 30, 2005

The Gun River Watershed, a tributary of the Kalamazoo River, encompasses 107 square miles of agricultural, urban, and forested land in Allegan and Barry Counties. The 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 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 upgraded the Gun River Watershed Plan to meet the EPA 319 planning elements, developed a Quality Assurance Project Plan (QAPP) for the sampling that will take place in the implementation phase and a Policy Review Document (PRD) of all the townships within the watershed.

Grant Amount: \$ 100,000

Match Funds: \$ 10,800

Total Amount: \$ 110,800



Gun River Watershed

Watershed Goals:

- Maintain Coldwater fishery.
- 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.
- Reduce soil erosion and sedimentation by 10% of the sediment loadings per year.
- Reduce the nutrients by 10% of the phosphorus and 5% of the nitrogen loading.
- Stabilize stream flows to moderate hydrology and increase base flows.
- Minimize the fragmentation of habitat.
- Encourage involvement and participation of local residents and municipalities.

I&E Activities:

- Informational meeting for lake residents.
- Meeting for agricultural producers.
- Presentations developed for I & E efforts.
- Cooperatively working with school activities & outreach.
- Cooperatively working with local municipalities.



Partners involved:

- Allegan County Drain Commissioner
- Allegan County Road Commissioner
- Allegan County Land & Information Services
- Allegan Conservation District
- Barry County Drain Commissioner
- Barry Land & Information Services
- City of Otsego
- Fishbeck, Thompson, Carr and Huber, Inc.
- Gun Lake Sewer Authority
- Gun Plain Township Trustees
- Kalamazoo Environmental Council
- Martin Township
- Michigan State University (MSUE)
- MSUE Kellogg Biological Station
- Michigan Department of Environmental Quality
- Michigan Department of Natural Resources
- Orangeville Township
- Residents
- Yankee Springs Township