



Clean Michigan Initiative Clean Water Fund

2001-0031



Oceana Conservation District

Telephone: (231) 861-4967

Fax: (231) 861-5946

Email: whutton@mi.nrcs.usda.gov

South Branch of the Pentwater River Watershed

January 1st 2002---December 31st, 2004

The South Branch of the Pentwater River Watershed is approximately 57,014 acres (89.3 square miles) and covers a portion of nine townships in Oceana County. The South Branch contains 127 miles of rivers, streams, and drains and runs directly through the City of Hart and the Village of Pentwater before emptying into Pentwater Lake. Land uses are 48% agricultural, 31% forest land, 13% open land, 4% urban, 2% wetlands, and 2% water. These uses are threatened by excessive sediment, nutrients, and fecal coliform, and agricultural chemicals from agricultural and residential sources. This project installed practices to protect surface water—including grade stabilization structures and vegetation establishment practices—as well as practices to protect groundwater—including agrichemical containment facilities, fuel storage, waste utilization, and cover crops.



Grant Amount: \$ 272,200

Match Funds: \$ 98,200

Total Amount: \$ 370,400



Best Management Practices:

- 2,700 acres planted with cover crop
- 7,000 linear feet of Livestock exclusionary fencing
- 2 road-stream crossings
- 5 pesticide containment facilities



Annual Load Reductions:

- 2,179 tons of sediment
- 2,003 lbs. of phosphorus
- 3,379 lbs. of nitrogen

Partners involved:

- MSU Extension Service
- U.S. Department of Agriculture
- Michigan Groundwater Stewardship Program
- Pentwater Lake Association
- Hart Lake Improvement Board
- Oceana Health Department
- Oceana County Planning Commission
- West Michigan Hacklers
- Pentwater Lake Improvement Board

