



Federal Clean Water Act
Section 319 Grant
Tracking code: 2002-0008



Shiawassee Conservation District
Telephone: (989) 723-8263 Ext. 3
Fax: (989) 723-8491
Email: bill.kuechenmeister@mi.nacdnet.net

Mid-Shiawassee River Watershed Restoration Project

August 1, 2002 through June 28, 2005

This project covered three subwatersheds of the Shiawassee River Watershed: 1) State Road Drain, covering 13,760 acres of predominantly agricultural land use including an extensive network of maintained drains; 2) Middle Branch of the Shiawassee River covering 22,336 acres of mostly urban land use, encompassing the growing cities of Owosso and Corunna; and 3) Holly Drain, covering 22,720 acres of mixed agricultural and urban land uses, including a network of transportation routes. Pollutants threatening water quality include sediment, nutrients, pathogens, trash and heavy metals and petroleum products.

This project heightened the awareness level of the watershed's stakeholders and laid a foundation for the next phase of this project which will be adoption and implementation of best management practices (BMPs) for improvement and protection of water quality. The project created and distributed brochures, newsletters, and newspaper articles within the Mid-Shiawassee Watershed in order to educate the public in regards to BMPs, nonpoint sources of pollution, native plantings, and construction sites. Also through this project, 21 site plans were developed, and several workshops held at several locations covering farming BMPs, home builder BMPs, and home owner water quality practices.

The knowledge, experience, and working relationships gained through this project will serve as the basis for a model for change and sustainability of surface water quality improvement in not only the Shiawassee River Watershed, but also other watersheds throughout the State.

Grant Amount: \$ 96,800
Match Funds: \$ 39,700

Total Amount: \$ 136,500



I&E Activities:

- "Landscaping with Native Plants" workshop conducted; demonstration site visited
- Presentations made throughout the watershed
- Newsletters, flyers, information packets, etc. distributed
- Held workshops for aquatic vegetation management and weed management in lakes and ponds
- Drain stenciling events with local students
- Articles published in local newspapers highlighting project
- Installed watershed signs for Shiawassee County



Partners involved:

- The Nature Conservancy
- Nativescape, LLC
- Memorial Health Center
- City of Durand
- Shiawassee Master Gardeners
- Corunna Historical Society
- Shiawassee Chamber of Commerce
- Pheasants Forever
- The Argus Press
- The Independent
- The Meridian Weekly
- Shiawassee Home Builder's Association
- Shiawassee County Farm Bureau
- Friends of the Shiawassee River
- Natural Resources Conservation Service
- MSU Extension Service
- Shiawassee County Road Commission
- Shiawassee Environmental Health Dept
- Shiawassee Drain Commissioner
- Planning Committee volunteers
- Shiawassee County Commissioners
- Shiawassee Conservation District
- Bennington Township
- Memorial Health Center



Sixty-nine people participated in the "Landscaping with Native Plants" workshop and visited the demonstration site.



Volunteers create "Landscaping with Native Plants" demonstration site.