



**Federal Clean Water Act
Section 319(h) Grant**
2005-0116



Clinton County Conservation District
Telephone: (989) 224-3720 ext. 3
Fax: (989) 224-1033
Email: info@clintonconservation.org

Upper Looking Glass Watershed Planning

March 2006 through March 2008

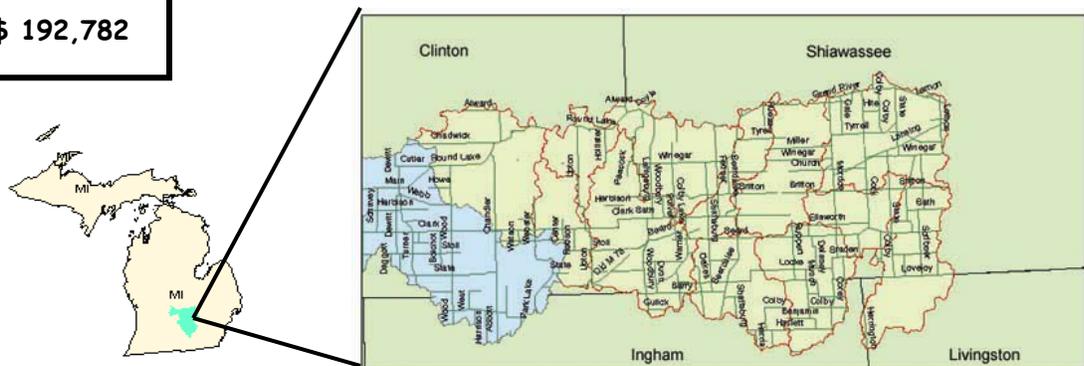
The Upper Looking Glass watershed is comprised of 13 sub-basins within four counties: Shiawassee, Clinton, Ingham and Livingston (see Exhibit 1). The dominant land use in the upper watershed is agriculture, however, much of the upper watershed exists in a relatively natural state providing forest land, open fields, wetlands, and long stretches of abundant tree canopies that shade the river. Low-density residential is the second most prominent land use in the watershed.

Through an active stakeholder process, this project: identified and prioritized sources of pollution entering the river and their causes; established clear links and specific targets for enhancing the watershed; and facilitated interagency and intergovernmental cooperation in addressing land use issues and public investments to restore and protect the river. A key objective of the plan is to inform and educate both the general public and local officials about the need to protect the Looking Glass River from both future residential and commercial development and increased runoff and pollution that lead to degradation of water quality.

Grant Amount: \$ 150,500
Match Funds: \$ 42,282

Total Amount: \$ 192,782

EXHIBIT 1 Upper Looking Glass Subwatershed



SOURCE: Public Sector Consultants Inc., 2007.

Partners involved:

- Bennington Township Supervisor
- Clinton County Conservation District
- Clinton County Drain Commissioner
- The Friends of the Looking Glass River
- Michigan Department of Environmental Quality
- City of Perry via the Perry City Council
- Sciota Township Supervisor
- Michigan State University's Institute of Water Research
- Shiawassee County Conservation District
- Shiawassee County Drain Commissioner
- Timberland Resource Conservation & Development
- Victor Township Supervisor
- Wetland and Coastal Resources Inc.
- Williamstown Township Supervisor
- Public Sector Consultants Inc.

Erosion sites and estimated sediment to be controlled:

The Watershed Management Plan identified and ranked erosion sites as follows:

- 5 very high priority - 28.37 tons/year
- 89 high priority - 188.6 tons/year
- 19 moderate priority - 8.07 tons/year
- 2 low priority - 0.09 tons/year

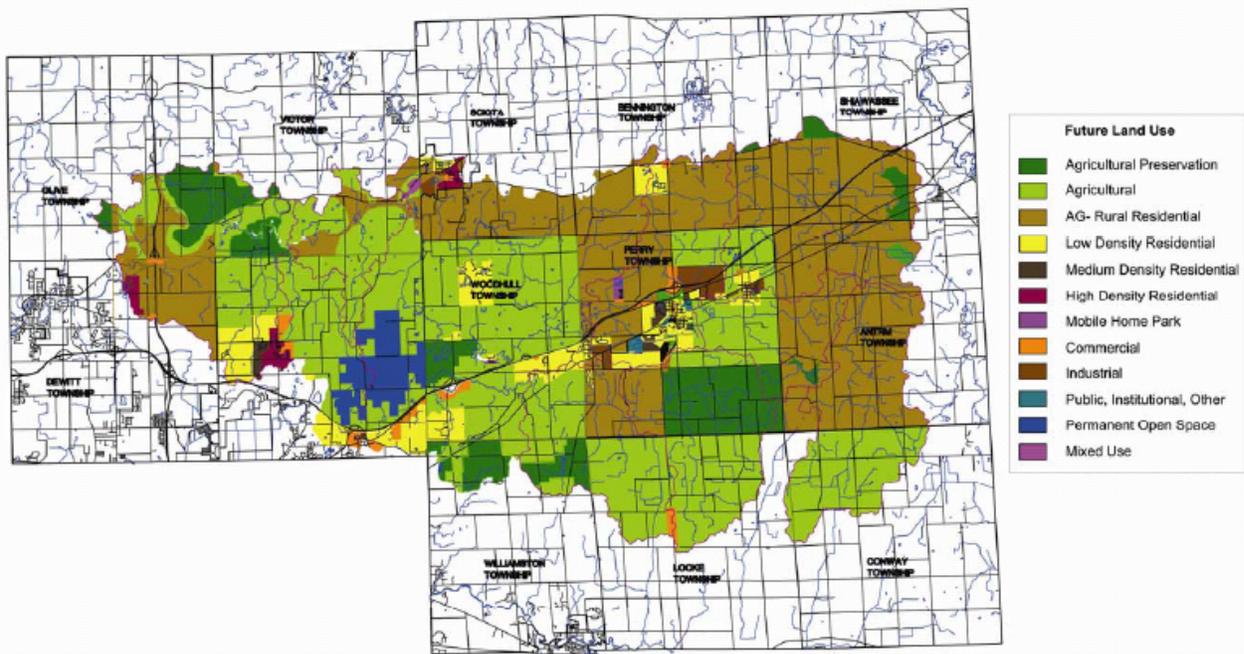


I&E Activities:

- Letters inviting participation were sent to every Township in the watershed.
- A survey was completed to help identify problem areas and issues of local concern. The survey will also serve as a baseline to judge future changes in perspective.
- Public comments were solicited on the Draft Watershed Management Plan.
- The Watershed Management Plan outlines 14 specific goals for future outreach and education.



Future Land Use Map of the Looking Glass River Watershed



SOURCE: Rowe Engineering Inc., 2007.