



Clean Michigan Initiative
Clean Water Fund
 Tracking code 2001-0041

City of Onaway

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ONAWAY WASTEWATER SYSTEM CONSTRUCTION PROJECT

July 1, 2002 thru December 31, 2005

This project was unique in that it is situated within a karst area. Karst is a geomorphic formation caused by the dissolution of highly erodable rocks and/or minerals by water, creating cavities within the bedrock. These cavities create direct pathways from surface water runoff to ground water causing immediate threats to drinking water. This project eliminated failing residential and commercial septic systems -- which endangered the areas drinking water-- and connected them to the city sewer system.



Grant Amount: \$ 999,700
 Match Funds: \$ 2,136,500

Total Amount: \$ 3,136,200



Best Management Practices:

- 52,287 lf of sewer main (8" and 10")
- 49,858 lf of 6" sewer lateral
- 9 lift stations
- 1 wastewater treatment plant
- 460 septic tanks eliminated

Annual Load Reductions*:

- 27 tons of Sediment
- 1,460 pounds of Phosphorus
- 2,920 pounds of Nitrogen



*estimate assumes full connection of all homes

Partners involved:

- US Department of Agriculture Rural Development
- US Department of Commerce Economic Development Administration
- Michigan Economic Development Corporation
- Presque Isle County
- Wilcox Professional Services
- Rural Community Assistance Partnership
- District 4 Health Department
- City of Onaway
- Glawe, Inc.
- F&V Construction Management

