



Clean Water Initiative
 Clean Water Fund
 Tracking Code: 2001-0060



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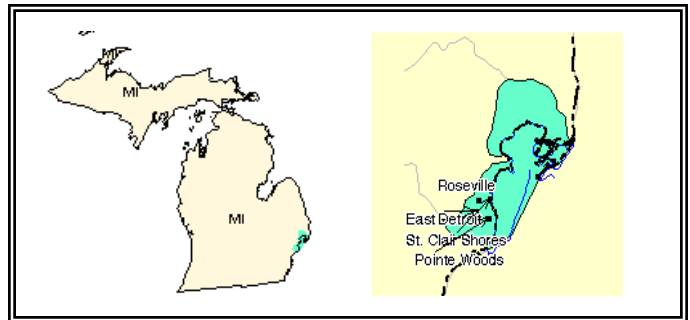
Illicit Connection Elimination by the Macomb County Office of Public Works

January 2002-January 2005

This project was part of an on-going effort to reduce the amount of pollution to the Clinton River and Lake St. Clair. The goal of this project was to decrease the amount of bacteria and nutrients that enter into waters of the state by eliminating sanitary cross connections to the Anchor Bay Watershed, Lake St. Clair drainage area and Bear Creek Watershed. The focus of this application was within the county drains; while 2001-0024 focused on surface waters other than the county drains.

Accomplishments:

- Developed a standard operating procedure to investigate illicit connections throughout the county.
- Developed a public education brochure to advertise the county's 24-hour report-a-polluter hotline phone number.
- Surveyed 129 county drains for signs of illicit connections.
- Sampled the discharge from all flowing drains for *E. coli* concentrations.
- Inspected the Lorraine and Centerline Relief Storm Drains by walking the enclosed drains.



Accomplishments:

- Located and Corrected 264 illicit sanitary connections to storm county drains
- Eliminated 10.4 million gallons of untreated water from entering surface waters.
- Identified numerous drains with elevated *E. coli* counts that will require additional monitoring and inspections



Grant Amount: \$ 297,350
 Match Funds: \$ 115,395

Total Amount: \$ 412,746

July 27, 2005