



**Clean Michigan Initiative
Clean Water Fund grant**
2002-0246



City of Pontiac
Telephone: 248.758.3640
Fax: 248.334.9709
Email: aschneck@pontiac.mi.us

Pontiac Creek Illicit Discharge Elimination Program

September 2004 through September 2007

The goal of this project was to improve water quality in the Clinton River by eliminating illicit connections to the City's storm sewer system within the Pontiac Creek Watershed. The Pontiac Creek Watershed is a tributary of the Clinton River that drains a substantially urbanized area and includes much of the City of Pontiac. The watershed is approximately 10 square miles and includes natural, open channel flow, and drainage districts owned and managed by the Oakland County Drain Commission. The watershed also includes a short section of the Clinton River in Pontiac.

Forty-six outfalls within Pontiac Creek were tested during this project. Of these outfalls, four were identified as possible illicit connections. Video inspections were performed at these locations and one illicit connection was identified and repaired. Cleaning was performed at the other three locations, but no illicit connections were identified.

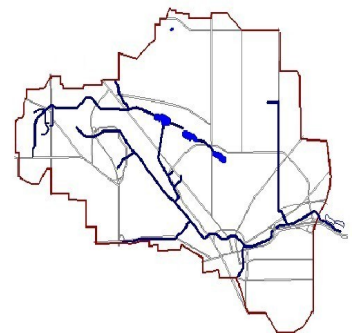


Grant Amount: \$ 63,374.36
Match Funds: \$ 21,328.13

Total Amount: \$ 84,702.49



Pontiac Creek Watershed Location



Pontiac Creek Watershed
Boundaries

Project Activities:

- Inspected and/or tested forty-six outfalls within the Pontiac Creek watershed.
- Identified four potential illicit connections.
- Performed cleaning and video inspections upstream of these suspect outfalls.
- One confirmed illicit connection was identified and the problem was repaired.

Yearly Load Reduction (based on average values in raw sewage):

Phosphorus = 21 pounds/year

Nitrogen = 116 pounds/year

BOD5 = 560 pounds/year



Partners involved:

- City of Pontiac
- NTH Consultants, Ltd
- Nowak & Fraus
- Oakland County Drain Commission
- Michigan Department of Environmental Quality