



Michigan's
Nonpoint Source
Program

**Clean Michigan Initiative
Clean Water Fund Grant**

Tracking code 2009-0107



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SASWA Urbanized Area Disconnect Project

September, 2009 through April, 2011

The Saginaw Area Storm Water Authority is made up of 16 municipal, county and educational institutions that reside in Saginaw County. The members are committed to helping eliminate illicit discharges and achieve the goal of full and partial body contact in the Upper Saginaw, Lower Cass and Lower Tittabawassee rivers and to further the restoration of the warm water fishery. This project built upon the previous illicit discharge elimination grant and concentrated on an older residential and rural area that was recognized from the previous grant. It also provided funds for follow up and elimination of suspicious point sources. The project identified 6 new probable sources and eliminated 3 other sources. It also was used as justification of a new \$5 million dollar sanitary system expansion and pump station in Bridgeport Charter Township.



Grant Amount: \$24,750.00

Match Funds: \$12,450.00

Total Amount: \$37,200.00

Saginaw Bay Watershed



Best Management Practices:

- Approximately 8 miles of open drain assessed
- Video taken of potential pollutant sources found in previous grant
- Illicit Connection Identification
- Open and closed drain investigations
- Information provided to Bridgeport Charter Twp for future project decisions

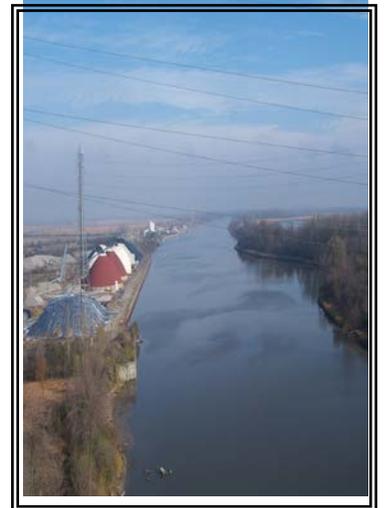


Annual Load Reductions:

- 3.5 pounds Phosphorus/year
- 10.26 pounds Nitrogen/year

Partners involved:

- Saginaw County
- Saginaw Charter Twp
- Bridgeport Charter Twp
- Carrollton Twp
- Kochville Twp
- Thomas Twp
- Tittabawassee Twp
- Zilwaukee
- City of Saginaw
- 5 Educational Institutions





Site 1 Before: Needed to investigate this point source from a commercial business. The grant provided funds for video of the pipe.

Site 1 After: Video of pipe shows that it was natural water seepage at numerous joints with calcium deposition from the heavy clay soils in the area. Connection from building had been discontinued years ago.



Site 2 Before: Site found in early 2011, is being confirmed as an illicit connection to be turned over to the Saginaw County Public Health Department for follow up

Site 2 After: Site in October 2012, no outlet in the area now, site has re-vegetated. Vegetation is the same all along bank.