



Michigan's
Nonpoint Source
Program

Federal Clean Water Act
Section 319 Grant
2013-0006



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Lapointe Drain Watershed Management Plan Project

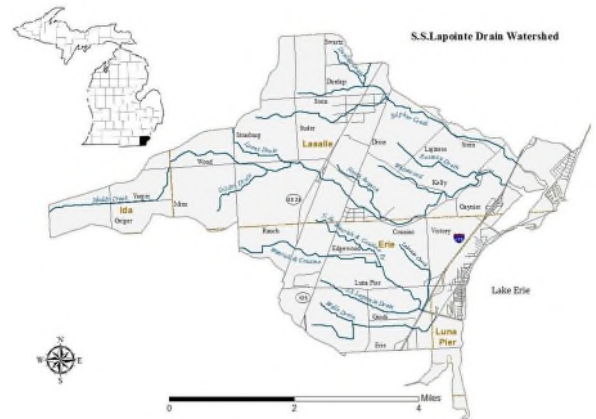
February 1, 2014 through July 31, 2017

The S.S. Lapointe Drain is part of the Ottawa-Stony River watershed and is located in Erie Township, Monroe County. The S.S. Lapointe Drain Watershed Management Plan targets *E.coli*, and total phosphorus pollutants as well as low dissolved oxygen, and organic enrichment (sewage) problems. This project created a watershed plan that sets the agenda for eventually de-listing the water quality impairments. The plan fosters communication and cooperation, provides ideas and momentum, prioritizes problems and opportunities, and qualifies the watershed for additional funding opportunities. Our project area included the S.S. Lapointe Drain and the adjacent Lake Erie Luna Pier Beach, both are on the Section 303(d) list, as well as Muddy Creek and Sulphur Creek.

Grant Amount: \$ 137,700

Match Funds: \$ 32,700

Total Amount: \$ 170,400



I&E and Environmental Monitoring Activities:

- Conducted stakeholder advisory group and public meetings
- Conducted public opinion and agricultural social surveys
- Developed water quality, canine scent source, and social survey QAPPs
- Developed project webpage
- Conducted water quality sampling, canine scent source tracking, stream walk assessment, and tillage survey
- Developed watershed management plan and I/E plan
- Produced various press releases, newsletters, PowerPoint presentations, and announcements related to project

Partners involved:

- | | | |
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| • Cardno JFNew | • LIAA Group | • Monroe County Drain Commission |
| • City of Luna Pier | • Luna Pier Harbor Club | • Monroe County Community College |
| • City of Monroe | • Luna Pier Wastewater Treatment Plant | • Monroe Co Planning Department |
| • Environmental Canine Services LLC | • Mason Consolidated Schools | • River Raisin Watershed Council |
| • Erie Township | • Millstream Creations LLC | • SEMCOG |
| • Farmers Advisory Committee / Farmer-Led Watershed Conservation | • City of Monroe Commission on the Environment and Water Quality | • Sisters, Servants of the IHM |
| • GEI Consultants | • Monroe Conservation District | • Spicer Group |
| • Guardians of Luna Pier Waterways | • Monroe County Environmental Health Department | • The Nature Conservancy |
| • Heidelberg University | • Monroe County Health Department | • University of Toledo |
| • Lasalle Township | | • Western Lake Erie Cluster of the Stewardship Network |
| • Lenawee Conservation District | | |



SS Lapointe Drain Watershed tour, June 2014



Example of riparian buffer at North Branch Wenrick & Cousino Drain, May 2014



Water quality sampling activities, May 2015



Water quality sampling activities, May 2015



Luna Pier Beach, June 2015



Environmental Canine Services, LCC stream survey, August 2015



Stream walk training, October 2015



Stream walk assessment participants, October 2015