



**Federal Clean Water Act
Section 319 Grant
Tracking code 2018-0007**

Land Conservancy of West Michigan
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Swan Creek and Headwaters Protection

September 2018 - December 2020

The Pere Marquette River is a State-designated Blue Ribbon Trout Stream and Natural River, and a federally designated Wild and Scenic River. Swan Creek is a heavily impacted tributary that flows into the lower reaches of the Pere Marquette. This grant targeted threats to Swan Creek including sedimentation, nutrients, thermo-pollution, loss of habitat and changes to hydrologic flow. The goal of the project was to sustain and improve the water quality of Swan Creek, which is in a landscape dominated by agriculture by permanently protecting the Gregory family property. The Gregory property remained a good candidate and development restrictions were agreed upon by the LCWM and the Gregory family. \$250,000 of grant funding was used to create and record the conservation easement on 204.5 acres in Eden Township. This property will be protected in perpetuity from development or division.

Best Management Practices:

Perpetual protection of 204.5 acres provided by a conservation easement.

20,305 linear feet of wetlands, lake shore and stream banks protected.

Pollutant Loads Prevented
13.7 tons sediment
55.2 lbs. phosphorus
593.1 lbs. nitrogen



Partners involved:

- EGLE Non-Point Source staff
- Land Conservancy of West Michigan
- The Gregory Family

**Grant Amount:
\$283,100**

**Match Funds:
\$197,100**

**Total Amount:
\$480,200**





This project will permanently protect 2,229 feet of Eden Lake shoreline



It will also protect a wetland and bog complex, as well as rolling slopes forested with native hardwoods.