



Michigan's  
Nonpoint Source  
Program

## Clean Water Act Section 319 Grant



# Mona Lake Watershed Outreach & Education

Telephone: 231.740-7521

Email: info@monalakewatershed.org

Project 2008-0006

August 2008-June 2011

The Mona Lake Watershed Council conducted outreach and education primarily in the upper reaches of the Black Creek watershed to address the water quality impairment to biota due to sedimentation. Outreach was targeted to farmers to discuss conservation practices and conservation easements. Local communities were also introduced to Low Impact Design (LID) principles for use during the local site plan review process. Activities also included the design of a 102 acre constructed wetland to capture 20 square miles of agricultural runoff near the upper limits of the Black Creek Watershed. A proper location for the constructed wetland was secured from Muskegon County working, in part, with the County Drain Commissioner. Wetland design was provided by Ducks Unlimited.

**Grant Amount: \$110,729.00**

**Match Funds: \$ 48,915.00**

---

**Total Amount: \$159,644.00**



### Partners involved:

- Muskegon County (landowner)
- Muskegon County Drain Commissioner
- Ducks Unlimited
- Mona Lake Watershed Council

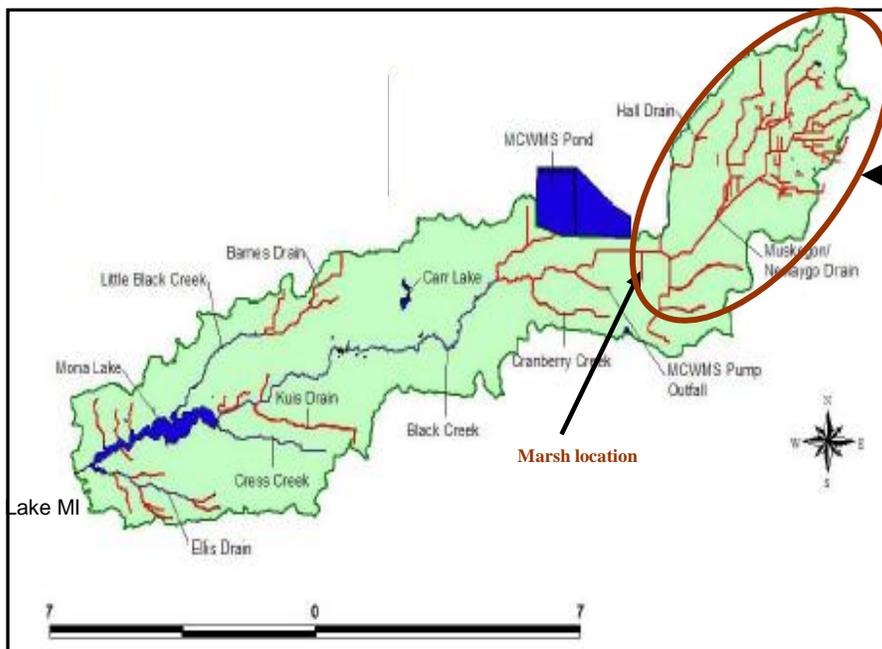
### Best Management Practice Proposed:

- Constructed wetland



### Annual Load Reductions (when implemented):

- 6 tons of sediment to Black Creek
- 1,005 pounds Phosphorus



**Area captured & treated**