



Michigan's
Nonpoint Source
Program

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Mona Lake
Watershed Project
Muskegon, MI

Mona Lake Watershed Management Plan Project

Mona Lake Park Demonstration Project

Second Annual Mona Lake Watershed Day - May 14, 2005

The Mona Lake Watershed Council was awarded a \$167,571 Clean Water Act Section 604(b) planning grant (#2004-0116) in October 2004 to develop a watershed management plan for the Mona Lake Watershed. Several small-scale demonstration projects were included in the project to address watershed impairment issues while incorporating information and education (I&E) activities. The Mona Lake watershed is a mix of rural-residential and agriculture use in the upper watershed, rural-residential and industry in the middle watershed, and commercial and urban-residential in the lower watershed. The primary impairments to the watershed are a result of sedimentation, high nutrients, stormwater runoff, pathogens, and contaminated sediments. Through the I&E incorporated into our demonstration projects, we are increasing awareness of the watershed impairments and engaging people to do more in their community and on their own properties to reduce nonpoint source pollution. This is one of four project fact sheets.

Project Highlights:

- Planted dune grass to reduce erosion
- Planted trees/shrubs for nutrient uptake, stormwater filtration, and bank stabilization
- Planted a wildflower buffer area between the park roadway and the lake's edge for stormwater filtration

I&E Activities:

- 115 people participated in the event
- Guided boat tours of Mona Lake pointed out public storm-drain outlets as well as residential stormwater runoff impacts to the lake
- 20 students' projects were on display for the public regarding nonpoint source pollution and lake impairments
- Additional displays from local organizations offered handout information on nonpoint source pollution for use at home and in the classroom
- Hands-on activities to teach about watershed impairments & solutions
- Pre-event quiz
- Post-event evaluation



Clockwise from top left: Planting a wildflower garden buffer; planting trees for nutrient uptake; students painting their favorite watershed "critter"; boat tours of Mona Lake; planting dune grass to stop erosion; and trash pick-up to keep the items out of the lake.

Mona Lake Watershed Management Plan Project
Mona Lake Park Demonstration Project
Before & After Photos

BEFORE



AFTER



Previous lawn area, now native grass & wildflower garden