



BRIDGE High School tackles stormwater runoff

Part of the mission of BRIDGE High School, located in the City of Hancock, is to provide students with an alternative means of learning. Our Lake Superior Stewardship Initiative (LSSI) project provides an alternative means of learning math, science, and English while still meeting the Michigan high school content expectation in these subjects. One of our core goals is *environmental wellness*, which fits perfectly with our LSSI

project by providing students with hands-on experience in protecting themselves and minimizing their impact on the environment.

Our Project addresses:

1. Water quality of Portage Waterway (and Lake Superior).
2. Education of students in water quality assessment and watershed management.
3. Community education about protecting water quality and the Lake Superior watershed.
4. Decision-maker education about how Best Management Practices (BMPs) can protect the water quality of streams, lakes, and Lake Superior.

Community Partners

- ◆ City of Hancock
- ◆ MTU Center for Water and Society
- ◆ Copper Country Chapter – Trout Unlimited
- ◆ Copper Country Intermediate School District
- ◆ Dollar Bay Elementary School
- ◆ Michigan Tech Department of Civil & Environmental Engineering

BRIDGE High School 2009-2010

43 Students

3 Teachers

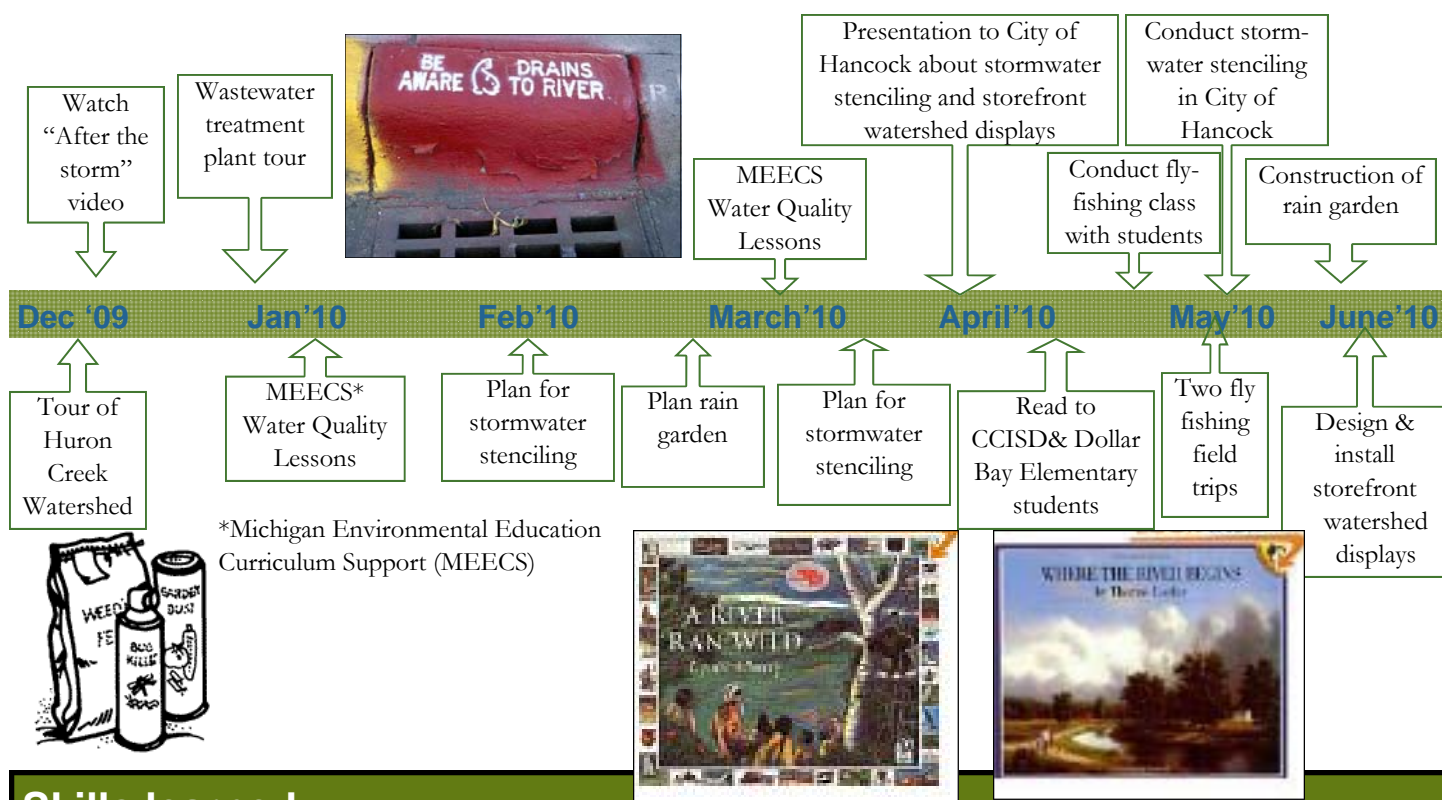
Mr. Palosaari - Science
Ms. Hill - Mathematics
& Social Studies
Ms. Sherman - coordinator





Provide public education about stormwater runoff in order to decrease the amount of runoff entering the Portage Waterway and Lake Superior.

2009-2010 Project Timeline



Skills learned:

- ♦ Locate their local watershed.
- ♦ Identify potential sources of water pollution in their local watershed.
- ♦ Compare point and non-point sources of water pollution.
- ♦ Explain how land uses can affect stormwater runoff and the water quality of lakes.
- ♦ Suggest best management practices to reduce water pollution.
- ♦ Design and construct a rain garden to reduce stormwater runoff.
- ♦ Learn how to fly fish and how healthy aquatic habitats and good water quality are essential for trout survival and reproduction.