



Adopt-A-Stream: Recruit and Expand

Project Fact Sheet

The Clinton River Watershed Council (CRWC) was awarded funding in the amount of \$1350.00 to add 6 new monitoring sites in the watershed. Additionally, the grant assisted in engaging local civic and conservation groups with opportunities for citizen science and environmental stewardship. This grant was awarded by the Michigan Clean Water Corps (MiCorps) under the Volunteer Stream Monitoring Program.

Project Duration:

June 1, 2011 – June 30, 2013.

Project Location:

The Clinton River Watershed, Southeast Michigan

Project Partners:

Partners contribute to the Adopt-A-Stream program through financial assistance, in-kind services and/or collaboration. They include: Michigan Clean Water Corps, Macomb Community College, Oakland University, Macomb County Health Department, Michigan Department of Natural Resources, Michigan Department of Environmental Quality, local chapters of Trout Unlimited and several communities throughout the watershed.

Project Summary:

The Clinton River Watershed Council consistently tries to expand and improve the Adopt-A-Stream volunteer water quality monitoring program. As a result of the grant funding, CRWC has expanded the effort to develop and maintain long term data sets of stream health by adding six new monitoring locations, and has increased stewardship and awareness of freshwater resources throughout local communities. Information collected from the new sites has helped establish baseline data for the streams and engage the local public in citizen science and stewardship.

Goals of the project:

1. Expand the program by adding 6 new locations in the watershed.
2. Recruit local civic and conservation groups to help monitor in the Clinton River watershed.



Project Accomplishments:

- The Clinton River Watershed Council and volunteers monitored 6 new sites in 3 subwatersheds of the Clinton River basin.
- Individual, conservation and civic group participation has increased throughout the grant period.
- Macroinvertebrate and habitat data are collected to help establish a long term data set to help evaluate stream conditions. Data is electronically stored in CRWC database and submitted to the MiCorps database for statewide applications.

General Costs:

The \$1350.00 in grant funds was used to purchase necessary equipment for increasing the number of Adopt-A-Stream monitoring sites throughout the Clinton River watershed (e.g. waders, nets, macroinvertebrate identification keys, forceps etc.).



Sierra Club chapter wrapping up a day of stream monitoring

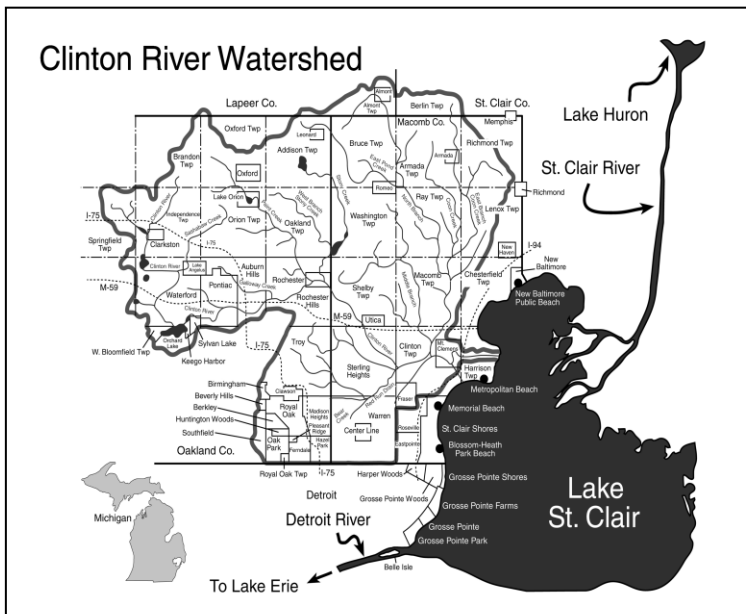


Juvenile crayfish found in the Clinton River

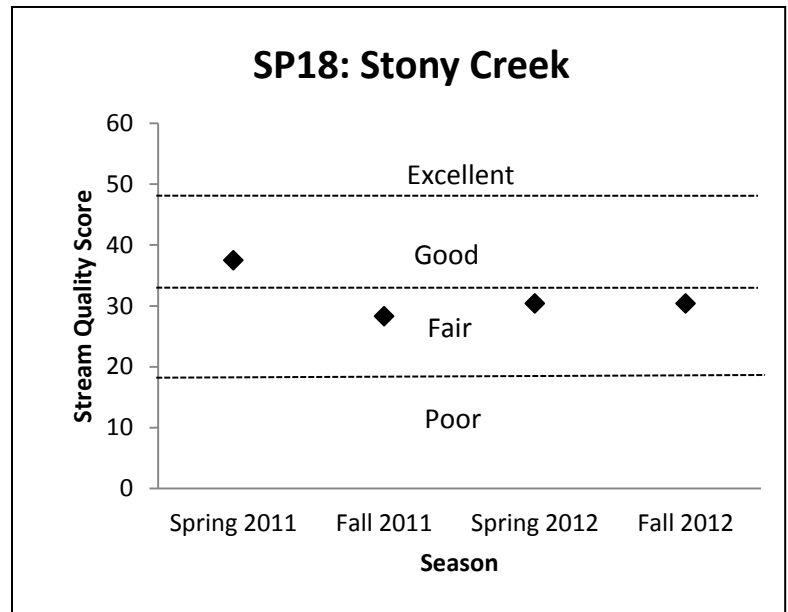
Results Summary:

Macroinvertebrate and habitat information has been collected to help establish long-term data sets. Additionally, CRWC was able to expand monitoring efforts throughout the watershed as a result of the grant by engaging local individuals, conservation and civic groups.

Data is stored electronically at CRWC office for continuing analysis and has been submitted to the state-wide MiCorps network. The collected data will serve to help characterize baseline conditions of stream macroinvertebrate communities to help CRWC assess stream health and for other agencies or organizations who wish to further investigate specific areas within the watershed.



Map of the Clinton River Watershed



Example of results from new site in Stony Creek subwatershed