

Greening M-TEC

October 1, 2015 - December 31, 2018

Macomb Community College advanced its mission to improve Macomb County through improved water quality in the Clinton River Watershed by implementing a greening project at its Michigan Technical Education Center (M-TEC), located in Warren within the Clinton River Watershed, Red Run Subwatershed. The M-TEC Green Initiative reduced runoff impacts through sustainable stormwater management and educating the public on how to restore, protect and enhance water quality. Macomb installed two rain gardens to improve stormwater retention. This project was paired with educational components, transforming the projects into learning laboratories, with their continued care administered through students in related courses. The green infrastructure techniques used represent direct implementation of priority activities as presented in the 2006 Red Run Subwatershed plan.



Grant Amount: \$47,700

Match Funds: \$16,700

Total Amount: \$64,400

Best Management Practices:

- Rain Garden

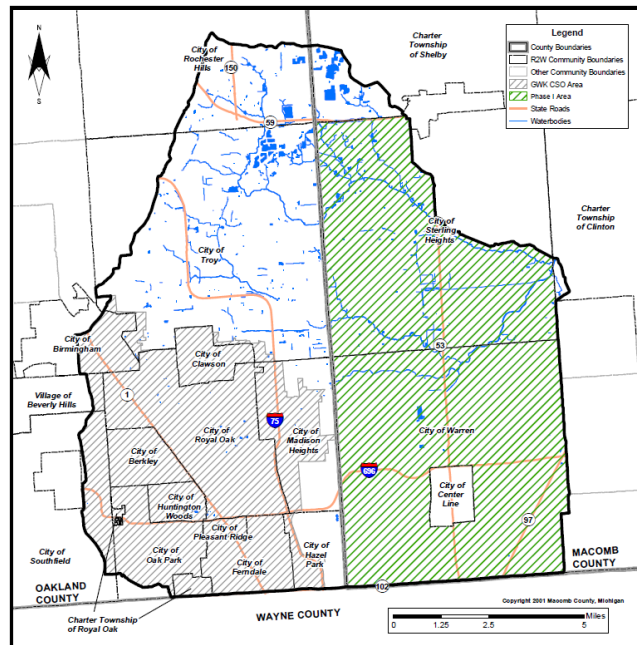


Information and Education Activities:

- Created curriculum using the rain gardens as a living laboratory for three disciplines
- Hosted a planting day where students learned the benefits of stormwater mitigation

Partners involved:

- Drummond Carpenter and Associates
- Natural Community Landscaping



BEFORE



M-TEC had moisture issues and a significant goose population. The grounds did not drain properly, and were often overrun with goose droppings

AFTER



After the installation of two rain gardens, M-TEC no longer has standing water and drainage issues on its property.