



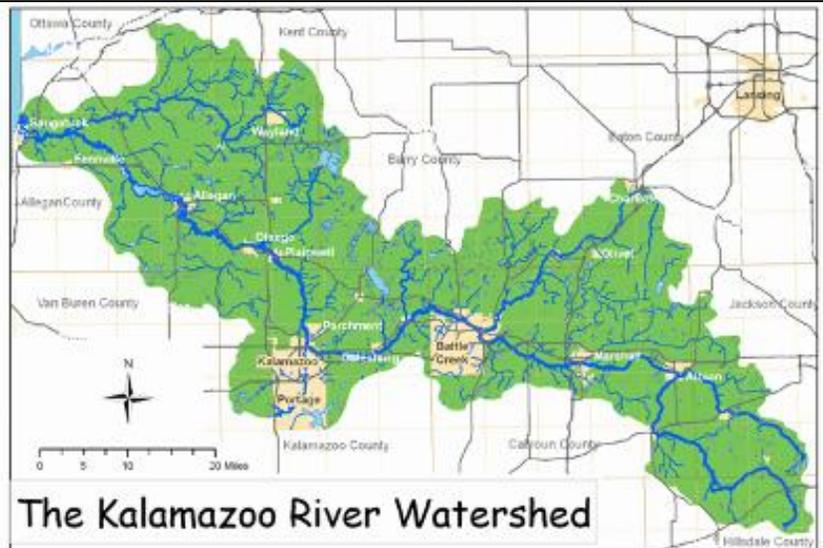
Kalamazoo River Watershed Management Plan Project

March 2007 - September 2010

The Kalamazoo River Watershed drains 2,020 square miles in southwestern Lower Michigan. A challenge for the future is to apply smart growth in place of traditional growth practices and policies, because growth continues to result in suburban sprawl and the consequent loss of open space, prime farm land, and wetlands. The watershed management plan developed as part of this project provides the community with a hydrologic analysis, polluted runoff loading estimates and projections, needed reductions, and recommended actions. It fills in the gaps in tributaries that didn't already have watershed management plans. A Best Management Practices spreadsheet tool was developed to help local communities explore the costs and benefits of stormwater management. When implemented, the watershed plan will repair and protect shared water resources.

Grant Amount: \$ 258,222
Match Funds: \$ 38,800

Total Amount: \$ 297,022



Best Management Practices:

Recommended:

- Low Impact Development
- Stormwater ordinances
- Filter strips
- Standard urban BMPs
- Conservation easements
- Created a BMP calculation tool



Annual Load Reductions:

Project estimated load reductions needed to meet the phosphorus Total Maximum Daily Load (TMDL) and prevent future additional loads due to build out. Provided details at the subwatershed and local jurisdiction level (e.g., townships).

I&E Activities:

- Developed watershed education plan.
- Ongoing Watershed Communication Center; annual Kanoë the Kazoo; annual Super Soils Saturday testing; first Water Festival.



Partners involved:

- Watershed Council - plan compilation
- Lake Allegan/Kalamazoo River Phosphorus TMDL Implementation Committee - Steering Committee
 - Point source entities
 - Stormwater permittees
 - Various other NGOs
- MSU Extension
- Kieser & Associates, LLC - technical consultant

