

Federal Clean Water Act Section 319 Grant Tracking code 2007-0137



Grand Valley Metropolitan Council

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Lower Grand River Organization of Watersheds Initiatives Project February 1, 2008 - December 31, 2010

The Lower Grand River Watershed (LGRW) is the lower portion of the Grand River starting by the City of Portland and ending at Lake Michigan within the City of Grand Haven. The watershed has a drainage area of 2,909 square miles and encompasses large portions of seven counties. Most of the Watershed is covered by residences, urban centers, forests, and agricultural. The major pollutants of concern are pathogens, sediment, and nutrients. The Lower Grand River Organization of Watersheds (LGROW) was formed to work with West Michigan communities in restoring, protecting, and enhancing water quality in the LGRW. Grand Valley Metropolitan Council, on behalf of LGROW, was awarded the LGROW Initiatives Project grant. Fishbeck, Thompson, Carr & Huber, Inc., GVSU's Annis Water Resources Institute, Center for Environmental Study, Alex Nesterenko and West Michigan Environmental Action Council were contracted to assist in completing the project. The goals of the LGROW Initiatives Project were to: 1) Update the Lower Grand River WMP to include the EPA Nine Elements; 2) Create tools to assist watershed stakeholders to restore, protect and enhance water quality of the Grand River; 3) Build awareness about the Grand River, nonpoint source pollution, opportunities to incorporate best management practices into people's lifestyle, and LGROW as an organization; and 4) develop organizational sustainability.

Grant Amount: \$ 372,618

Match Funds: \$ 137,316

Total Amount: \$ 509,003



Lower Grand River Watershed

Tools/Products Created:

- Updated Watershed Management Plan to meet EPA 9 elements.
- Created an interactive map to illustrate priority sites to integrate low impact development practices.
- Developed a Functional Wetland Assessment within LGRW.
- Developed recommendations for updating the Kent County Storm Water Model Ordinance for channel protection.
- Created a social profile.
- Developed extended detention rating curves for Michigan's 10 climatic zones.
- Conducted an accomplishment survey.
- Created Water Quality Monitoring Decision Making Tool in a Power Point format.

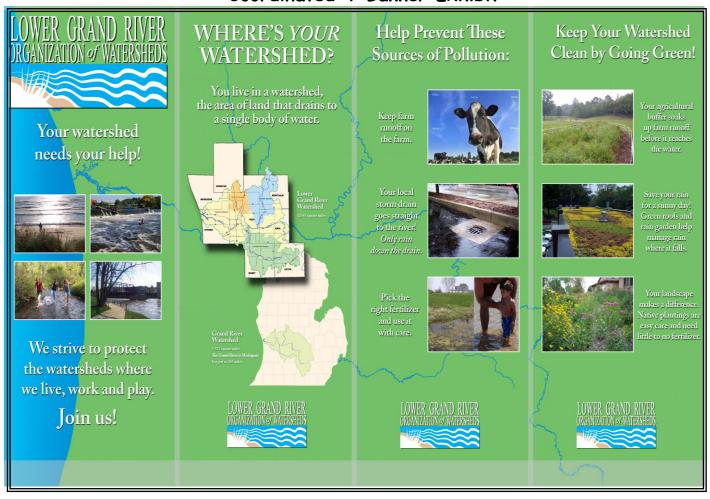
I&E Activities:

- Developed LGROW logo.
- Conducted a watershed survey (Kent County).
- Distributed 3 Grand Rapids Press inserts (all Kent County zip codes residents receiving the Grand Rapids Press, and Grand Haven residents receiving the Grand Haven Tribune).
- Purchased and prepared four traveling displays for the four active sub-watersheds groups and a set of four banners for watershed outreach events.

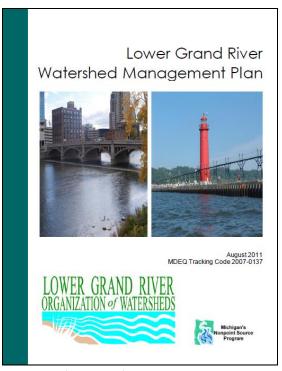
Key Partners involved:

- Fishbeck, Thompson, Carr & Huber, Inc.
- GVSU Annis Water Resources Institute
- · Cannon Township
- Center For Environmental Study
- Cities of East Grand Rapids, Grand Rapids, Grandville, Kentwood, Wyoming, Walker, Grand Haven
- Sub-watersheds: Coldwater River Watershed Council, Thornapple River Watershed Council, Sand Creek Watershed Partners, Plaster Creek Watershed Stewards, and Rogue River Watershed Council
- Frey Foundation
- Kent County and Ottawa Drain Commissioners
- Ottawa County Conservation District
- West Michigan Environmental Action Council
- Herbruck Farms
- · Calvin College
- Grand Rapids Press
- · Grand Haven Tribune
- Alex Nesterenko, Ph.D.

Coordinated 4-Banner Exhibit



EPA 9-Element Approved WMP



Grand Rapids Press Inserts



