



# Kettle River Watershed TMDL Phosphorous Reduction Project



## Clean Water Funds: 2012

Clean Water Grant	\$99,000
Leveraged Funds*	\$24,750
Total Project Budget	\$123,750

\* Leveraged Funds include required 25% local match

### Project Sponsor:

Carlton Soil and Water Conservation District

### Grant Period:

January 2012 — December 2014

### Project Contact:

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C12-112 - Accelerated Implementation

## Project Narrative

The Kettle River is a major tributary in the St. Croix River Basin. It is a State Wild and Scenic River and designated canoe route. Reducing sediment and nutrient pollution to the Kettle will protect water quality within the watershed and will also benefit the St. Croix River and help to address excess nutrient loading in Lake St. Croix. This project is a partnership between Carlton, Pine, Kanabec, and Aitkin SWCDs, with the Carlton SWCD acting as the project administrator. This project will develop integrated watershed management tools to accelerate on the ground conservation projects. Specifically, GIS data for the watershed will be compiled, analyzed, and processed for use in an Environmental Benefits Index (EBI) tool, to help identify sites with high value for conservation practice implementation. Landowners will be contacted where the remote sensing analysis has identified conservation practice implementation opportunities to evaluate potential projects that will improve water quality in the Kettle River and its tributaries. The targeting analysis and landowner contacts will yield a list of conservation practices in strategically important locations that will be used to develop a watershed action plan for implementation of the identified projects.



### Proposed Outcomes:

- GIS data compilation/evaluation
- EBI type tool project prioritizing
- Outreach development and delivery
- Site evals / prelim desings

### Actual Outcomes:

Project in Progress

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