



# Crow River Gully Stabilization to Reduce Turbidity



## Clean Water Funds: 2013

Clean Water Grant	\$98,300
Leveraged Funds*	\$33,550
Total Project Budget	\$131,850

\* Leveraged Funds include

### Targeted Water:

Crow River

### Project Sponsor:

Wright Soil and Water Conservation District

### Grant Period:

January 2013—December 2015

### Project Contact:

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CWF13-269 - Clean Water Assistance

## Project Narrative

The Wright Soil and Water Conservation District has partnered with the Crow River Organization of Water (CROW) and the Natural Resources Conservation Service on this comprehensive sediment reduction project to focus on stabilizing five of the most active gully erosion sites on the Crow River. A LiDAR study and follow up field inspection identified 15 priority sites within the study area. This particular area was chosen due to the high level of turbidity and low dissolved oxygen within this stretch of the Crow River.

This project will drastically reduce the amount of sediment, 226 tons per year, and phosphorus, 261 pounds per year, being exported from the targeted stretch of the Crow River by constructing grade stabilization structures at the headward eroding tops of these gullies. The installed practices will stop the gullies' advancement and thus help to heal the lower stretch over time. This project is targeting the upper one third of the area located in Wright County with the lower two thirds to be assessed for future projects while using the original five sites as examples for future potential project land owners.



### Proposed Outcomes:

Reduce Phosphorus by 260 pounds/year and Sediment by 226 tons/year.

### Actual Outcomes:

Project in Progress