



Red River of the North Watershed Runoff Reduction



Clean Water Funds: 2012

Clean Water Grant	\$75,000
Leveraged Funds*	\$37,500
Total Project Budget	\$112,500

* Leveraged Funds include

Targeted Water:

Red River of the North and upland tributaries County Ditch 12, 26, 28

Project Sponsor:

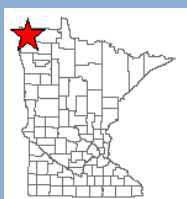
Kittson Soil and Water Conservation District

Grant Period:

January 2012—December 2014

Project Contact:

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C12-96 - Clean Water Assistance

Project Narrative

This project is a partnership with Kittson County, the Joe River Watershed District and the Two Rivers Watershed District to install vegetative filters, buffers and erosion control practices along the Red River of the North and several major tributaries within the county.

This project will reduce runoff and decrease movement of sediment, nutrients and bacteria to the Red River by targeting, prioritizing and installing up to 150 acres of vegetative filters and buffers. In addition installing Side Water Inlets at gully erosion sites along the river and selected tributaries will be considered. The river and County Ditches 12 and 26 in the Two Rivers Watershed District and County Ditches 12, 28 and 29 in the Joe River Watershed District will be targeted for implementation.



The vegetative practices funded through the project will slow stormwater allowing up to 85% of the sediment load to be deposited in the grass filter strip rather than in surface waters. Side Water Inlets will be engineered and installed to retain water on the land for 24 to 48 hours. Side Water Inlets will also benefit water quality, with the aid of grass filter strips, by allowing sediment to settle in the field before it enters the river.

Proposed Outcomes:

The project element description is to install 150 acres of riparian buffers/grass filter strips, along with Side Water Inlets (SWI) in targeted areas County Ditch 12, 26, 28, 29 and the Red River of the North as part of the Overall Plan of the Two Rivers Watershed District, the Kittson County Comprehensive Local Water Plan and the Overall Plan of the Joe River Watershed District. Kittson SWCD will contact landowners to inform them of Continuous Conservation Reserve Program (CCRP) and Clean Water Funds. Applications will be taken Spring of 2012. Applications will be ranked by a screening committee consisting of possibly; Kittson SWCD, Two River Watershed District,

Actual Outcomes:

Project in Progress



Sedimentation in Kittson County Ditch 26

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