



# Tri-County Sediment Reduction to the West Fork of the Des Moines River



## Clean Water Funds: 2011

Clean Water Grant	\$83,064
Leveraged Funds*	\$26,200
<b>Total Project Budget</b>	<b>\$109,264</b>

\* Leveraged Funds include required 25% local match

### Targeted Water:

County / Watershed wide.

### Project Sponsor:

Murray County

### Partners:

Murray County, Murray County SWCD, Cottonwood County SWCD, Jackson County SWCD, Federated Rural Electric Association, City of Jackson, City of Windom

### Grant Period:

January 2011 - December 2012

### Project Contact:

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## Project Narrative

Water flows without concern for political jurisdiction boundaries. This often means project work requires a little more coordination. Jackson, Cottonwood and Murray County did the extra coordination to land a grant to reduce sediment to the West Fork of the Des Moines River. The approved grant has four separate projects in three counties.

Jackson County has two projects: the Federated Rural Electric Association sediment control structure and the City of Jackson bioswale. The sediment control structure will be built with the capacity to store rainfall for a statistical once in 10 year 24 hour storm event. During a heavy rainfall, this will allow suspended solids to settle and storm water will slowly discharge over time. The second project will create a bioswale which will capture storm water runoff and slowly infiltrate that water through the soil leaving behind sediment within the swale.

In Cottonwood County an existing sediment control structure on the Des Moines River in the City of Windom will be enhanced. This project will increase infiltration of water thus eliminating sediment from entering the Des Moines River in a residential area of Windom.

Finally, in Murray County a sediment control structure will be created to hold back storm water, allowing sediment to settle out and allow the storm water to recharge the groundwater prior to being released.

