



# Culvert Sizing on Judicial Ditch #1



## Clean Water Funds: 2010

Clean Water Grant	\$33,000
Leveraged Funds*	\$11,000
Total Project Budget	\$43,000

\* Leveraged Funds include required 25% local match

### Targeted Water:

North Fork of the Crow River

### Project Sponsor:

North Fork Crow Watershed District  
Water Conservation District

### Partners:

Stearns and Pope Counties

### Grant Period:

January 2010 - December 2011

### Project Contact:

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## Project Narrative

The purpose of this project is reduce peak flows in the North Fork of the Crow River through culvert sizing. Culvert sizing will typically result in smaller culverts, which will provide short-term temporary storage within channels and on adjacent lands upstream from road crossings. In addition to reducing peak flow rates, flood damage and downstream erosion, increased sediment and nutrient removal through extended detention time is expected.

This project will be implemented through a subwatershed design approach and is estimated to reduce 80 tons of sediment and 80 pounds of phosphorus per year.

