



# Stabilizing Erosion Areas Draining to the Sunrise and St. Croix Rivers



## Clean Water Funds: 2011

Clean Water Grant	\$89,474
Leveraged Funds*	\$22,500
<b>Total Project Budget</b>	<b>\$111,974</b>

\* Leveraged Funds include required 25% local match

### Targeted Water:

Sunrise River and St. Croix River

### Project Sponsor:

Chisago SWCD

### Partners:

Chisago County Public Works  
Sunrise Township  
Chisago County Parks  
Private Landowners

### Grant Period:

January 2011 - December 2012

### Project Contact:

Craig Mell, District Administrator  
(651) 674-2333  
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www.chisagoswcd.org

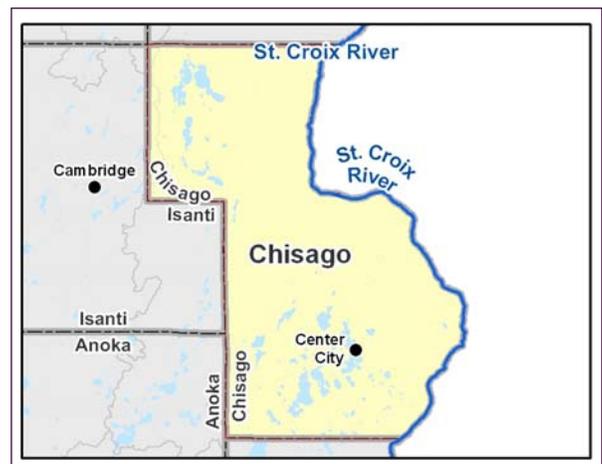


## Project Narrative

This project will implement numerous Best Management Practices (BMPs) to correct erosion concerns occurring adjacent to Kost Dam Trail and County Road 81, two public roads in Chisago County. Both of the sites have been of concern to Chisago County, the Chisago Soil and Water Conservation District (SWCD), Sunrise Township, and private landowners for many years. Because of the size and associated cost to correct the problems, these projects have never been completed. The continued erosion is depositing large amounts of sediment (carrying phosphorus) on the roads and into the Sunrise and St. Croix Rivers.

The Kost Dam Trail project will be a joint project with Sunrise Township during the summer of 2011. Sunrise Township has received funding to replace the bridge over the Sunrise River along this section of road. The bridge replacement and all erosion/sediment control BMPs will be incorporated into one project to be done at the same time. The County Road 81 project is also scheduled for 2011, with the County Public Works department installing the BMPs associated with County Road 81 and the SWCD providing design and construction inspection for the work to be complete on adjacent private property.

Both of these projects are ultimately about keeping water on the land. Both projects have been reviewed by SWCD engineering staff and conceptual designs have been completed. The BMPs that are included in the design are water and sediment control basins, ditch checks, vegetative swales, and infiltration basins.



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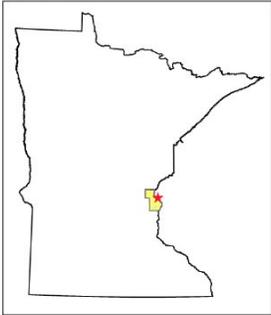
## KOST DAM TRAIL

EROSION AND  
SEDIMENT CONTROL  
PRACTICES WITHIN THE  
ROAD RIGHT-OF-WAY



## COUNTY ROAD 81

EROSION AND SEDIMENT  
CONTROL PRACTICES  
WITHIN ROAD RIGHT-OF-  
WAY & WATER AND  
SEDIMENT CONTROL  
BASINS ON PRIVATE  
PROPERTY



Sites for the erosion stabilization project