



Creating a Web Based Drainage Management Tool in Faribault County



Clean Water Funds: 2012

Clean Water Grant	\$41,344
Leveraged Funds*	\$10,500
Total Project Budget	\$51,844

* Leveraged Funds include required 25% local match

Project Sponsor:

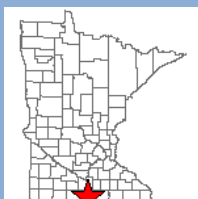
Faribault Soil and Water Conservation District

Grant Period:

January 2012 — December 2014

Project Contact:

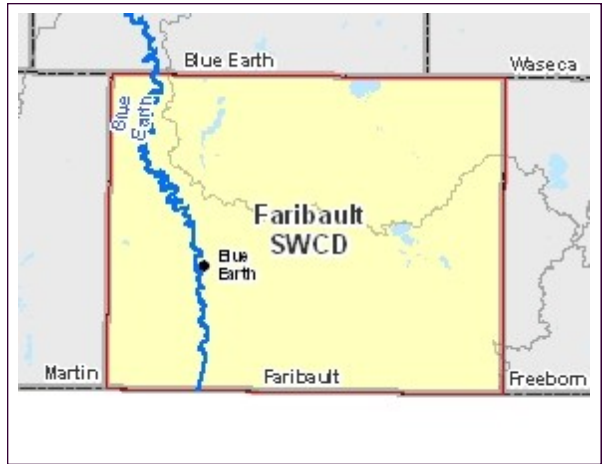
Michele Stindtman
507-526-2388 NA
fcsxcd@bevcomm.net
www.faribaultcountyswcd.com



C12-138 - Accelerated Implementation

Project Narrative

Nearly 700 miles of open water flow through Faribault County's borders. Over one-third of these miles are artificial drainage systems. Artificial drainage systems are necessary to remove excess precipitation and improve the productivity of agricultural land, however they also have a direct effect on the water quality and quantity of receiving waterbodies. With limited resources available to manage these systems, innovative and efficient management tools will play a critical role in targeting improvements for water quality.



Faribault County has taken the first step toward improved technology and information access by inventorying and mapping all drainage systems, and making this data GIS accessible. This project will take the next step by creating a web based tool which will also provide an inventory of drainage maintenance needs. This web based tool will replace existing procedures and will allow users to quickly review a history of completed projects and identified priorities. This will provide a means of implementing repairs and improvements and will benefit water quality by targeting conservation practices to where they will have the highest effectiveness

Proposed Outcomes:

Organized database of information around service requests, system maintenance and inspections.

Development of Web-based Application to manage drainage system requests, maintenance and inspections.

Quality Control of streamed line process, training and project coordination.

Actual Outcomes:

Project in Progress

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