



A Sedimentation Pond for Carver County Ditch #4A



Clean Water Funds: 2010

Clean Water Grant	\$40,000
Leveraged Funds*	\$12,818
Total Project Budget	\$52,818

* Leveraged Funds include required 25% local match

Targeted Water:
Bevens Creek



Partners:
Carver County Water Management Organization



Grant Period:
January 2010 - December 2013

Project Contact:
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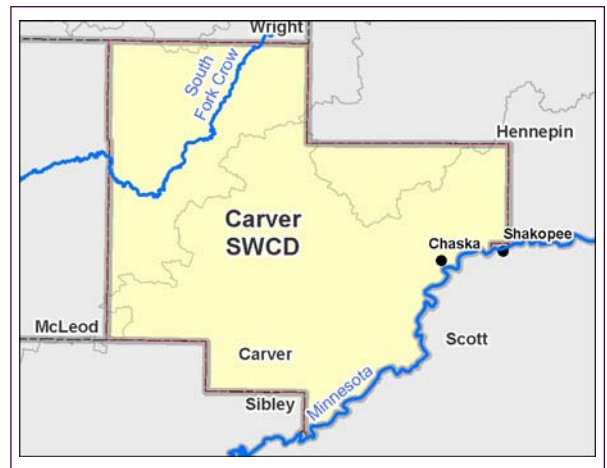
Project Narrative

The purpose of this project is to install a sediment pond along County Ditch #4A to trap sediment and associated pollutants before entering into Bevens Creek which drains into the Minnesota River. Carver County Ditch #4A recently went through a redetermination of benefits process and state law now requires a buffer strip one rod (16.5 feet) wide to be maintained along the top of the ditch bank. The sediment pond, in combination with the buffer strip, will reduce the amount of sediments and pollutants that reach Bevens Creek.

The sediment pond will be 6,000 square feet in area and 3 feet deeper than the existing ditch bottom. As water moves over the sediment pond it will slow down and the suspended solids (sediment) will settle out to the bottom of the pond. It is anticipated that the sediment pond will fill up in 3–5 years, at which time it will be cleaned out. Work will continue in the watershed to diminish upland erosion so the maintenance interval lengthens over time.

Actual Outcomes

The sediment pond was installed and is working well. The final project cost was less than the original cost estimate. A grant amendment was completed to allow funding of three side inlets, and the grant completion date was extended in order to complete the projects. The side inlets were installed in the fall of 2013.



Carver County Drainage Ditch #4A Sediment Pond

