



Lake Ocheda Shoreline Improvement



Clean Water Funds: 2011

Clean Water Grant	\$162,105
Leveraged Funds*	\$47,588
Total Project Budget	\$209,693

* Leveraged Funds include required 25% local match

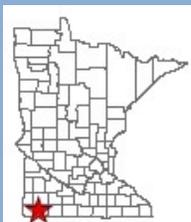
Targeted Water:
Lake Ocheda

Project Sponsor:
Nobles SWCD

Partners:
Okabena Ocheda Watershed District

Grant Period:
January 2011 - December 2012

Project Contact:
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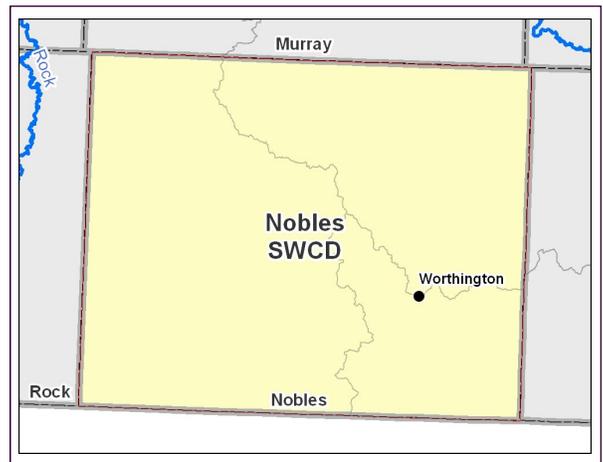
Project Narrative

The Lake Ocheda Shoreline Improvement Project will restore and provide long term protection of 1,600 feet of lake shoreline resulting in improved drinking water supplies, improved water quality for fishery and upland habitat and historical preservation. A large portion of this shoreline currently has a 10 to 20 foot vertical wall of shoreline that has been sloughing for the past 50 to 100 years. The resulting sediment load from this eroding shoreline is detrimental to the water quality of the lake for local residents, fishery quality and aquatic plants and invertebrates.

Lake Ocheda makes up a portion of the local water supply for the City of Worthington and therefore improved water quality is a shared priority for local government officials and residents. A perpetual easement will be placed on the property for protection of the shoreline restoration and to provide a grassed buffer for water quality. A secondary benefit of the re-establishment and protection of the shoreline will be the increased preservation of the historical Native American artifact sites directly adjacent to the current eroding shoreline.

Actual Outcomes

This project resulted in 1,600 feet of shoreline being restored resulting in an estimated 475 pounds of phosphorus and 475 tons of sediment from entering Lake Ocheda each year.



Lake Ocheda Shoreline Improvement Project



Sloughing Shoreline on Lake Ocheda

