



Protecting Groundwater in Otter Tail County



Clean Water Funds: 2012

Clean Water Grant	\$130,650
Leveraged Funds*	\$37,850
Total Project Budget	\$168,500

* Leveraged Funds include

Targeted Water:

Central Sand Plains Aquifers

Project Sponsor:

East Otter Tail Soil and Water Conservation District

Grant Period:

January 2012—December 2014

Project Contact:

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C12-204 - Clean Water Assistance

Project Narrative

A large portion of Otter Tail County has been identified as being susceptible to groundwater contamination from nitrates and other water soluble contaminants. Agriculture is the predominant land use activity in this area. Irrigation in the county has increased in the last few years. With the vast majority of the residents getting their drinking water from groundwater sources, protecting ground is a priority for the county.



Through this project, nitrates and other water soluble contaminants leaching into sensitive sand plain aquifers will be reduced by providing cost-share incentives to encourage irrigation producers to convert high or medium pressure irrigation systems to low pressure systems. The project will also provide technical assistance to help producers manage the application of their irrigation through an irrigation scheduling program.

Proposed Outcomes:

Low Pressure Conversion on 10 irrigation systems and Irrigation Management on 10 fields - Central Sand Plains Aquifers

Proposed Reductions: 13,727 lbs/year Nitrogen

Actual Outcomes:

Project in Progress

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