



Protecting Groundwater in the Long Prairie Watershed



Clean Water Funds: 2012

Clean Water Grant	\$133,939
Leveraged Funds*	\$44,463
Total Project Budget	\$178,402

* Leveraged Funds include

Targeted Water:

Groundwater, Lake Miltona, Long Prairie River Watershed

Project Sponsor:

Douglas Soil and Water Conservation District

Grant Period:

January 2012—December 2014

Project Contact:

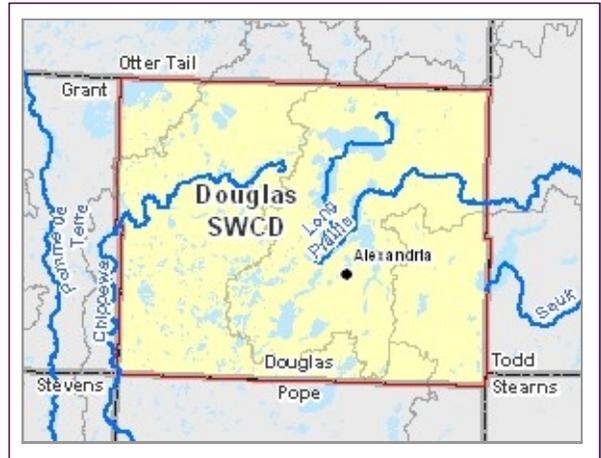
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C12-231 - Clean Water Assistance

Project Narrative

A family dairy farm in the shoreland area of Lake Miltona has a liquid manure storage area that is not up to standards due to sandy soil and a high water table, increasing the likelihood of groundwater contamination. Lake Miltona is connected to the Alexandria Area Chain of Lakes and ultimately the water ends up in the Long Prairie River. Groundwater impacts to the Long Prairie River have the potential to be significant. The Long Prairie River is impaired for low dissolved oxygen and a pollution reduction study has listed nitrogen reduction as a critical way to improve oxygen levels in the river. Animal waste is one common source of nitrogen.



This project will result in a new manure containment structure. This structure will prevent manure contaminated water from entering the groundwater. This structure will also allow for a more consistent nutrient product which will improve the producer's ability to manage manure land applications, thus further protecting water resources.

Proposed Outcomes:

Upgrade of Existing Noncomplaint Manure Storage Structure - Groundwater, Lake Miltona, Long Prairie River Watershed

Proposed Reductions: 57 lbs/year Nitrogen and 15 lbs/year Phosphorus

Actual Outcomes:

Project in Progress