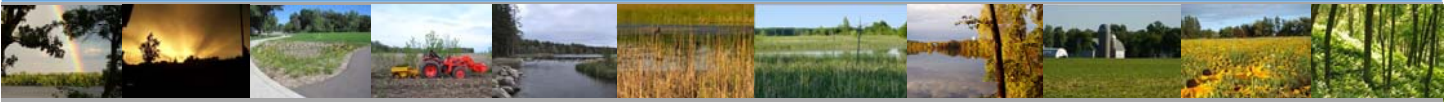


Pasture Planting & Storm water Reduction

Andy and Jolene Thelen

Pasture Planting
Storm water Reduction

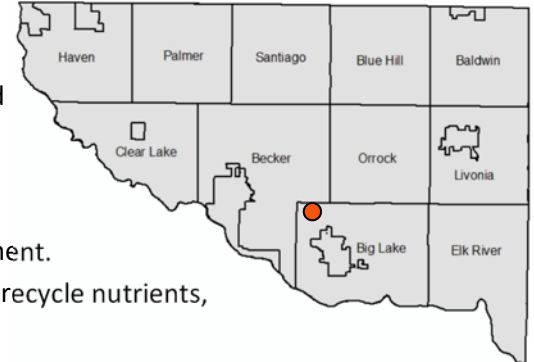


Project Summary

Sherburne SWCD has been working with landowners near the Elk River and its tributaries to reduce bacteria and sediment entering the water. One source of bacteria is manure from horses and other large animals.

A well managed pasture is healthier for both the animals and the environment. It can reduce the amount of purchased hay, distribute manure in the field, recycle nutrients, and reduce both bacteria and nutrient runoff.

In 2015 Andy and Jolene Thelen requested assistance from the Sherburne SWCD with improving their pasture's health, addressing manure produced by their horses and addressing muddy / eroding soil near their horse barn. To improve the forage production, eight acres of pasture was over seeded using smooth bromegrass. Additionally, gutters and a French drain were installed on the horse barn to facilitate infiltration of rain water into the soil, reducing runoff and muddy conditions where the horses congregate most.



Before



After

Project Details	Project Funding	Project Partners
Date Completed10/2016	2014 Clean Water Fund\$1,322.44	Sherburne SWCD
Pasture Renovated8 Acres	Landowner\$440.81	Landowner
Phosphorous Reduction3 lbs./ac.	Total Project Cost\$1763.25	



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The Sherburne County Soil & Water Conservation District is dedicated to working directly with landowners and agencies in order to promote the wise and sustainable use of our land and water related resources to educate and inform the public about these uses; to help solve the resource problems within the District and to serve as a county wide natural resource information and referral center.