

Raingarden Project

2011 Big Fish Lake



Practice:

Raingarden

Target Waters:

Big Fish Lake

Year Constructed:

2011

Components:

- Soil Amendments
- Gate Valve
- Mulch
- Grated Drain
- Native Vegetation

Benefits:

- Water Runoff Control
- Nutrient Reduction
- Sediment Reduction
- Wildlife Habitat

Partners:

- Landowner
- Stearns County SWCD
- BWSR

Watershed:

Sauk River

Project Description: This project involved the creation of a raingarden by over-excavating, adding amended soils, installing a tile with a gate valve and outlet. It also included a shredded hardwood mulch with native grasses, wildflowers and shrubs being planted. The project reduced water and sediment runoff from entering Big Fish Lake by capturing stormwater from the road, driveway, sidewalks, roofs and the yard. This allows the amount of sediment and nutrients delivered to the lake to be reduced.

Pollution Reduction Estimates:

Phosphorus	.1	Lbs/Yr
Sediment	12	Tons/Yr
Nitrogen	.3	Lbs/Yr



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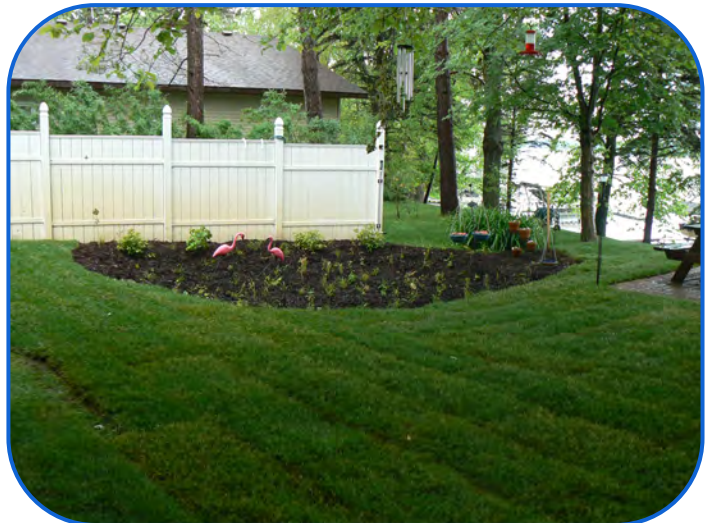
Before Project



During Construction



During Construction



After Project Completion



After Project Establishment

"The landowner implemented a project which helped Big Fish Lake, dealt with a water runoff issue and also created a landscaping feature in the yard"— Greg Berg, Stearns SWCD Lakeshed Specialist

Funding :

State Funds*	\$	2,995
Landowner Investment	\$	998

* Administered by Stearns SWCD – BWSR CWF