

# Erosion & Water Runoff Control

2018 Horseshoe Lake



## Practice:

Water & Sediment Basins  
Grass Waterway

## Target Waters:

Horseshoe Lake

## Year Constructed:

2018

## Components:

- Basins
- Waterway
- Runoff Control

## Benefits:

- Sediment Reduction
- Nutrient Reduction
- Farming Efficiency

## Partners:

- Landowner
- Stearns County SWCD
- NRCS
- Sauk River WD
- Sauk River Chain of Lakes
- Munson Township

## Watershed:

Sauk River

**Project Description:** This immediate watershed that feeds into Horseshoe Lake had been dealing with erosion problems and water runoff control issues. The landowner and Munson Township worked together with the Stearns County SWCD to implement a series of conservation practices. This included three Water and Sediment Control Basins, a Grass Waterway and associated erosion control methods on the direct outlets.

## Pollution Reduction Estimates:

Phosphorus	59	Lbs/Yr
Sediment	59	Lbs/Yr



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*The ability for the landowner and Monson Township to work together on this series of projects was a great partnership. It has created a much better situation for limiting the water runoff into Horseshoe lake as well as improved the farm ability for the landowner and the road maintenance for the Township road. – Greg Berg, Stearns SWCD Lakeshed Specialist*



Gully In Field Prior To Project



Constructed Basin In Field



Constructed Basin In Field



Waterway To Basin From Road



Waterway & Outlet Along Road

## **Funding :**

State Funds*	\$	16,149
Landowner Investment	\$	1,390
Federal Funds**	\$	8,330
SRCL Association**	\$	4,000
Munson Township	\$	2,770

\* Administered by Stearns SWCD