

MATTSON PROPERTY

GRASS WATERWAY

A grass waterway was installed in the fall of 2019 on the Mattson farm to stabilize a gully on one of the agricultural fields on his farm. The gully starts at the outlet of a centerline culvert under a county road and continues across the agricultural field. The grass waterway will allow the stormwater runoff to be carried through a vegetative swale to a stable vegetated outlet on the edge of the property. This farm field drains to Green Lake. This practice will reduce erosion coming from the agricultural field that is typically in a corn and soybean rotation.



Partners:

Chisago Soil & Water
Conservation District
Landowner
Chisago Lakes Lake
Improvement District

Pollution Reduction:

Total Suspended Solids
(TSS): 14.7 tons/yr
Total Phosphorus (TP):
16.9 lbs/yr
*(Board of Water & Soil
Resources (BWSR)
Pollution Reduction
Calculator)*

Targeted Water:

Green Lake

Completion Date:

October 2019

May I Visit?

No. The projects are
entirely on private
property.

