

MALONEY AGRICULTURAL BEST MANAGEMENT PRACTICES



Several gullies, along with sheet and rill erosion, were stabilized in a watershed leading to Spider Lake in southern Chisago County. The watershed consists of multiple agricultural fields and woodland. Prior to construction, the watershed was channelized into an existing ditch with a failing outlet leading to multiple gullies 5+feet in depth. The gullies are now stabilized with a system of three water and sediment control basins metering the watershed into the existing ditch. The existing ditch outlet was retrofitted with a diversion and rock lined waterway. Non farmable areas of the project were stabilized with hydro mulch and a native seed mixture. The landowners will be responsible for the long-term maintenance of the project.

Partners:

Landowners
Chisago Lakes Lake
Improvement District
Chisago Soil & Water
Conservation District
USDA Natural Resource
Conservation Service

Pollution Reduction:

Total Suspended Solids
(TSS): 4.7 tons/year
Total Phosphorus (TP):
4.7 pounds/year
*(Board of Water & Soil
Resources (BWSR)
Spreadsheet)*

Targeted Water:

Spider Lake

Completion Date:

12/09/2020

May I Visit?

No – The project is located entirely on private property. Please be respectful of private property.

