

OLINDA TRAIL GULLY

GULLY STABILIZATION



In the fall of 2016, a very large gully leading directly to South Center Lake was stabilized. This project was a priority to reduce sediment and phosphorus loading to South Center Lake. The large, actively eroding gully ranged from 2-8 feet in depth and 4-10 feet in width. Permanent Turf Reinforcement Mat was anchored to the bottom of the channel. Rock and log checks were spaced throughout the channel to slow the water down and reduce the rate at which the water could cut through the channel. The Chisago Soil & Water Conservation District worked closely with the landowners to ensure the outcome was acceptable to them and achieved maximum water quality benefits. An incredible 25 pounds of phosphorus is kept out of the lake each year by this stabilization project.



Partners:

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

Pollution Reduction:

Total Suspended Solids: 25.6 tons/year
Total Phosphorus: 25.6 lbs./yr
(BWSR Spreadsheet)

Targeted Water:

South Center Lake

Completion Date:

October 2016

May I Visit?

Yes – This project is on private property. You can, however, see the start of the project from Olinda Trail. Please respect private property.

