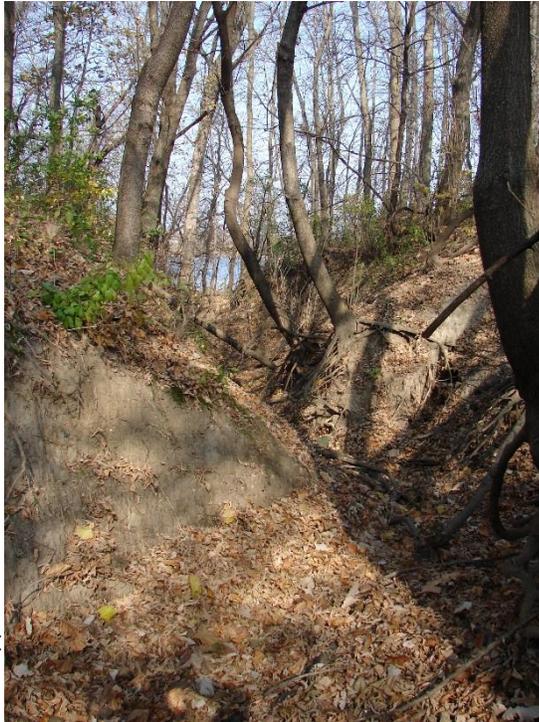


ERICKSON GULLY STABILIZATION

WATER AND SEDIMENT CONTROL BASIN

A large perennial gully has existed on the shoreline of Green Lake for many years. The gully is fed by runoff from the agricultural field at its head. The gully has been cutting back into the field and causing additional problems for the farmer as well as contributing large sediment loads to the lake.

In order to stabilize the gully, a water and sediment control basin (WASCOB) was installed in the field. The WASCOB will temporarily hold water back during a rain event. The water can slowly drain through a pipe to a stable outlet point. This method helps slow the water down so it will not cause additional erosion in the gully. Along with this project, a steep part of the field was planted to permanent vegetation to prevent erosion.



Partners:
Chisago SWCD
Landowner
Chisago Lakes Lake Improvement District

Pollution Reduction:
Total Suspended Solids (TSS): 17.3 tons/yr
Total Phosphorus (TP): 17.3 lbs/yr
(*BWSR Pollution Reduction Calculator*)

Targeted Water:
Green Lake

Completion Date:
October 2015

May I Visit?
No. The project is on private property and cannot be seen from the road.

