

# PETERS 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 this 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.



**Partners:**  
Chisago SWCD  
Landowner  
Chisago Lakes Lake Improvement District

**Pollution Reduction:**  
Total Suspended Solids (TSS): 51.9 tons/yr  
Total Phosphorus (TP): 51.9 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.

