

JOHNSON GRADE STABILIZATION

GULLY STABILIZATION PROJECT

The Chisago Soil & Water Conservation District identified a large, perennial gully during an inventory of actively eroding gullies along the St. Croix River escarpment. Mr. Johnson is the owner of the land where the gully is located. The watershed feeding the gully is mainly an agricultural field planted in row crops.

To stabilize the gully, a grade stabilization structure was installed at the head of the gully. This structure temporarily holds back water during a rain storm. The water is allowed to slowly drain into the bottom of the gully. The reduced volume and velocity of the water will not cause continued active erosion and the gully should be able to re-vegetate and stabilize.



Partners:

Chisago SWCD
Landowner

Pollution Reduction:

Total Suspended Solids (TSS): 28 tons/yr
Total Phosphorus (TP): 28 lbs/yr
(BWSR Pollution Reduction Calculator)

Targeted Water:

St. Croix River

Completion Date:

Spring 2015

May I Visit?

No. The project is on private property and is not visible from the road.

