

PELTIER WASCOBs

GULLY STABILIZATION–WATER & SEDIMENT CONTROL BASINS

Three water and sediment control basins (WASCOBs) were installed to stabilize two gullies. The gullies were contributing sediment and phosphorus to the St. Croix River. To reduce erosion and stabilize the gullies, the WASCOBs help hold back water during a rain event. The water is allowed to slowly flow out into the gully channel. Since the water is no longer moving with high velocity and at a controlled volume, no additional erosion is caused in the gully channel.



Partners:

Chisago SWCD
Landowner

Pollution Reduction:

Total Suspended Solids (TSS): 38 tons/yr
Total Phosphorus (TP): 38 lbs/yr
(BWSR Pollution Reduction Calculator)

Targeted Water:

St. Croix River

Completion Date:

October 2013

May I Visit?

No. This practice is located on private property and cannot be seen from the road.

