

QUINLAN AVENUE PROJECT

GRASSED WATERWAY, DIVERSION, BUFFER STRIP

In rural Amador Township, a gully along Quinlan Avenue was causing large contributions of sediment to enter Dry Creek, which is a tributary to the St. Croix River. The gully was forming along the edge of an agricultural field. In a partnership with the landowner and Amador Township, a buffer was installed along the field edge in early 2015. The buffer of permanent vegetation would help hold soil in place during rain events. Later in the summer of 2015, the road ditch was reshaped to include several diversions in a grassed waterway. The diversions help guide the water slowly off the field and into the waterway, where permanent vegetation will help slow the water velocity and prevent a new gully from forming.



Partners:

Chisago SWCD
Landowner
Amador Township

Pollution Reduction:

Total Suspended Solids (TSS): 20.4 tons/yr
Total Phosphorus (TP): 20.4 lbs/yr
(BWSR Pollution Reduction Calculator)

Targeted Water:

St. Croix River

Completion Date:

August 2015

May I Visit?

Yes. Most of this project can be viewed from Quinlan Avenue.

