

PAT EICHEN PROJECTS

GRASS WATERWAY & WATER & SEDIMENT CONTROL BASINS

Two stabilization practices were installed at two different locations. In one field, a culvert allowed water to enter the field at a concentrated location, causing erosion across the field as it flowed to an adjacent wetland. At the culvert outlet, a rock bowl was installed to help dissipate energy. A grassed waterway was installed from the culvert to the wetland, giving the water a place to flow that was well protected so that erosion would no longer occur.



On a second field, a gully had formed as water flowed through the agricultural field. In this case, a water and sediment control basin was installed to temporarily hold back water. A perforated outlet pipe allows the water to slowly drain to a protected outlet location.



Partners:

Chisago SWCD
Landowner

Pollution Reduction:

Total Suspended Solids (TSS): 26 tons/yr
Total Phosphorus (TP): 26 lbs/yr
(BWSR Pollution Reduction Calculator)

Targeted Water:

Linn Lake

Completion Date:

Spring 2015

May I Visit?

Yes/No. The grassed waterway is visible from the road, but the water and sediment control basin is on private property and is not visible from the road.

