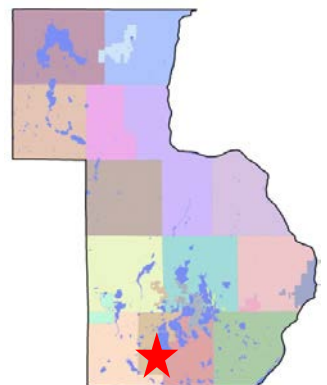


HOLMQUIST WASCOBs

WATER AND SEDIMENT CONTROL BASINS

Runoff from an agricultural field was causing erosion in several places along the field edge. The bare soil was easily washed off the field during rain events. In 2015, two water and sediment control basins (WASCOBs) were installed to stabilize the erosion within the fields. WASCOBs cut off the stream of runoff above the area where it is causing erosion. The water is allowed to temporarily pond in the field behind a large berm. A slotted pipe helps slowly drain the water out at a safe velocity that does not cause erosion. The water is drained off the field within a day so it does not harm the growing crops.



Partners:

Chisago SWCD
Landowner
Chisago Lakes Lake
Improvement District

Pollution Reduction:

Total Suspended Solids
(TSS): 24,000 lb/yr
Total Phosphorus (TP):
12 lb/yr
*(BWSR Pollution
Reduction Estimator)*

Targeted Water:

Green Lake

Completion Date:

Fall 2015

May I Visit?

No –The practices are on private property, but one can be seen from CR 23.