

DAHLHEIMER PROPERTY

WATER & SEDIMENT CONTROL BASINS

Two water and sediment control basins (WASCOB) were installed on Mr. Dahlheimer's farm. A WASCOB slows water down by creating a berm in the middle of the erosion path (gully) and reduces the velocity at which the water can reach the edge of the field. This velocity reduction allows water to infiltrate into the ground and reduce the amount of sediment carried by water that ultimately ends up in North Center Lake. The two WASCOBs together will keep nearly 11 tons of sediment and 11 pounds of phosphorus out of North Center Lake each year.



Partners:

Chisago Soil and Water
Conservation District
Landowner
Chisago Lakes Lake
Improvement District

Pollution Reduction:

Total Suspended Solids
(TSS): 10.8 tons/yr
Total Phosphorus (TP):
10.96 lbs/yr
(BWSR Pollution
Reduction Calculator)

Targeted Water:

North Center Lake

Completion Date:

May 2018

May I Visit?

No. The projects are
entirely on private
property.

