

# FREDELL PROPERTY

## WATER & SEDIMENT CONTROL BASINS

Mr. Fredell installed two water and sediment control basins (WASCOB) on his property to correct two different erosion problems, one in the agricultural field and one along the edge of the field near the woods on his property. The WASCOBs will capture the runoff behind a small berm, allow for some infiltration and the excess water will be carried via an underground pipe to a stable point on the property before draining to Kroon Lake. This practice will reduce sediment coming from the agricultural field that is typically in a corn and soybean rotation.



### Partners:

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

### Pollution Reduction:

Total Suspended Solids  
(TSS): 4.3 tons/yr  
Total Phosphorus (TP):  
5.4 lbs/yr  
(Board of Water & Soil  
Resources (BWSR)  
Pollution Reduction  
Calculator)

### Targeted Water:

Kroon Lake

### Completion Date:

June 2019

### May I Visit?

No. The projects are  
entirely on private  
property.

