

LETOURNEAU PROPERTY

WATER & SEDIMENT CONTROL BASIN AND GRASSED WATERWAY

A water and sediment control basin (WASCOB) and a grassed waterway were installed on Mr. Letourneau's farmland in Chisago Lakes Township. The WASCOB is designed to slow 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. A grass waterway is designed to stabilize an active erosion in the field by creating a vegetative channel for the water to flow. These practices help filter out sediment leaving the cropland.



Partners:

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

Pollution Reduction:

Total Suspended Solids (TSS): 17.4 tons/yr
Total Phosphorus (TP): 28.5 lbs/yr
(BWSR Pollution Reduction Calculator)

Targeted Water:

Mattson Lake

Completion Date:

November 2018

May I Visit?

No. The WASCOB and Grassed Waterway are entirely on private property.

