

# JOHN LELWICA

## WASCOBs, GRASSED WATERWAY & DIVERSION



The historic Lelwica farm sits on the north shore of Kroon Lake. This farmstead is the site of the original Kroon Family Farm. A rural stormwater assessment was completed by the SWCD, which identified potential gully erosion on the site. Together with the producer and landowner, a plan was developed to fix four actively eroding gullies that drain to either Linn or Kroon Lake. Four Water and Sediment Control Basins (WASCOBs), one grassed waterway, and one diversion were included in the plan to stabilize the field. The producer will not till the field in the fall, which will reduce erosion during the non-growing season.

Together, the erosion from these gullies were contributing 38 pounds of phosphorus and 38 tons of sediment to Kroon Lake and Linn Lake. These projects will help achieve water quality goals for Kroon Lake, Linn Lake, and the entire Chisago Lakes Chain of Lakes.



### Partners:

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

### Pollution Reduction:

Total Suspended  
Solids: 38 tons/year  
Total Phosphorus: 38  
lb/yr  
(BWSR Spreadsheet)

### Targeted Water:

Linn Lake  
Kroon Lake

### Completion Date:

Fall 2016

### May I Visit?

No – These projects are entirely on private property. Please respect private property.

