

CITY OF LINDSTROM GULLY PROJECT

GULLY STABILIZATION

Runoff from County Road 20 in Lindstrom caused a gully to form and empty into North Lindstrom Lake. To stabilize the gully and reduce the erosion occurring, the City of Lindstrom, Chisago County, the Chisago Lakes Lake Improvement District, and the Chisago Soil and Water Conservation District partnered together to complete this project.

A water and sediment control basin was installed to control the velocity and volume of water running off during a storm event. Water enters a concrete drop structure and outlets to a rock-lined channel. This allows water to move to the bottom of the slope without causing erosion of the soil beneath the channel. At the bottom of the channel is a wire-wrapped gabion (chain link fencing filled with smaller rock that helps filter out additional sediment before it outlets to the lake).



Partners:

City of Lindstrom
Chisago SWCD
Chisago County
Chisago Lakes LID

Pollution Reduction:

TSS: 4700 lb/yr
TP: 2.35 lb/yr
Vol: 0 ac-ft/yr
(WinSLAMM/BWSR
Pollution Reduction
Calculator-Gullies)

Targeted Water:

North Lindstrom Lake

Completion Date:

November 2012

May I Visit?

Due to private property and a busy roadway, we ask you not to visit this project.

