

STITT LAKESHORE RESTORATION

OAK GROVE, MN



Project Summary

Lakeshore restorations provide aesthetic appeal, increase wildlife habitat, and improve lake water quality. A restoration was completed during the summer of 2014 on two adjacent residential properties on the southern shore of Lake George. Prior to the project, the shorelines on the Stitt properties were actively eroding and no buffer existed between the lake and the mowed turf grass. Restoration activities included an erosion control blanket, herbivore exclusion fence, and planting of native grasses, forbs, and shrubs. A native-species buffer was created with an average width of 15 feet. Funding was provided through a combination of the Upper Rum River Watershed Management Organization (URRWMO) cost-share, the Anoka Conservation District (ACD) in-kind dollars, and landowner contributions. ACD provided project design, administration, and construction oversight.



Completed project in the summer of 2014.

Project Specs

Date Installed July 2014
 Shoreline Length Restored 108 ft
 Restoration Type Natural
 Sediment Reduction 1,215 lbs/yr

* Based on ACD fee schedule rates

Project Cost

Administration and Installation
 Oversight \$1,606.00
 Design \$350.00
 Installation \$1,619.37
 Total Project Cost \$3,575.37

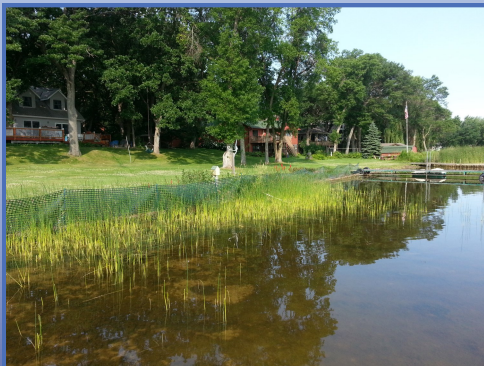
Project Funding

URRWMO Cost-share \$1,059.69
 Landowner Contribution \$909.68
 ACD in-kind dollars* \$1,606.00
 Total Project Funding \$3,575.37

Installation Process



Pre-restoration conditions consisted of a shoreline actively receding and no buffer between the mowed turf grass and Lake George. Both conditions added pollutants to the lake.



The restoration included light re-grading and the installation of an erosion control blanket for shoreline protection.. A fence was installed to help ensure natives reach maturity.



This practice will benefit habitat and water quality. In addition, the deep root system of the established native plant community will increase shoreline stability.