

LAKE GEORGE SHORE STABILIZATION

GRAIZIGER RESIDENCE, OAK GROVE, MN



Project Summary

A lakeshore restoration was completed on Lake George at 21260 S Lake George Blvd during summer 2022. Prior to the project, the lakeshore was eroding. The shoreline erosion was most visible near the dock put-in which lacked vegetation. Erosion and ice heaving elsewhere was less visible due to cattails.

The shore was stabilized using rock rip rap at the dock approach and a native plant buffer elsewhere. Little or no grading was needed, except for rock installation along 25 linear feet. Native plants were installed along the remaining 99 linear ft of the shore to provide 1,386 sq ft of shoreline habitat, conceal present and future ice ridges, and prevent erosion. The design provides some visual screening from foot traffic at an adjacent public easement to the lakeshore. Vegetation is a mix of native shrubs, flowers, and forbs.



Project upon completion. August 2022.

Project Specs

Date Installed August 2022
 Shoreline Length Restored 124 ft.
 Restored Buffer Area 1,386 sq. ft.
 Phosphorus reduction 0.85 lbs/yr
 Sediment reduction 600 lbs/yr

Construction Cost

Construction \$14,673.09
 Design and coordination were provided by the ACD using a State WBIF grant.

Construction Funding

Rum metro WBIF grant*.. \$11,445.57
 Upper Rum River WMO \$1,672.81
 Landowner \$1,554.70
 Total Project Funding \$14,673.09

*Partial funding is from a Clean Water Land and Legacy grant from the MN BWSR.

Photos



Location

