

# LAKE GEORGE SHORE STABILIZATION ISAACSON RESIDENCE, OAK GROVE, MN

## Project Summary

A lakeshore restoration was completed on Lake George at 2859 Greenwald Island NW during summer 2022. Prior to the project, the lakeshore had mild/moderate erosion and a walking path with chronic erosion problems.

The site was stabilized with coconut fiber biologs and a native plant buffer. Biologs were secured along 68 linear feet of shoreline. A native plant buffer with plugs was planted along the entire length, save an approximately 8 ft wide dock access path. The buffer, planted with plugs, totaled 1,027 linear feet. The buffer will provide some stability and near-shore habitat.

The path down to the lakeshore was also stabilized. The owner has created only one path to the shore, leaving the rest forested. Flagstone stepping stones, Pennsylvania sedge, and erosion fabric were placed along the path.



Project upon completion. August 2022.

## Project Specs

Date Installed ..... August 2022  
 Shoreline Length Restored ..... 68 ft.  
 Restored Buffer Area ..... 1,027 sq. ft.  
 Phosphorus reduction .... 0.66 lbs/yr  
 Sediment reduction ..... 1,320 lbs/yr

## Construction Cost

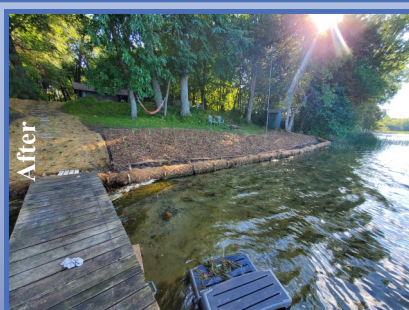
Construction ..... \$7,140.45  
 Design and coordination were provided by the ACD using a State WBIF grant.

## Construction Funding

Rum metro WBIF grant\*... \$5,524.96  
 Upper Rum River WMO ..... \$814.05  
 Landowner ..... \$801.44  
 Total Project Funding ..... \$7,140.45

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

## Photos



## Location

