

LAKE GEORGE SHORE STABILIZATION

21411 OLD LAKE GEORGE BLVD, OAK GROVE, MN

Project Summary

A lakeshore restoration was completed on the Wiley residence on Lake George summer 2022. Prior to the project, the lakeshore was actively eroding. The steep shoreline was mostly ragweed, poison ivy and other undesirable plants. The lower slope was less vegetated and undercut. A retaining wall next to a patio was slumping as a result of lower shoreline losses.

The shore was graded to a stable slope & rock rip rap installed. Because of a six foot vertical elevation change in short distance between the shore and home/patio, a fieldstone wall was constructed on part of the upper slope. Native plants were installed within the rip rap and a buffer planting at the top of slope. Aquatic emergent plantings were installed on 35 linear ft. This project stabilized 62 linear feet of shore, filters runoff & increases habitat.



Project upon completion. August 2022.

Project Specs

Date Installed August 2022
 Shoreline Length Restored 62 ft.
 Restored Buffer Area 377 sq. ft.
 Phosphorus reduction 1.74 lbs/yr
 Sediment reduction 3,480 lbs/yr

Construction Cost

Construction \$28,907.85
 Design and coordination were provided by the ACD.

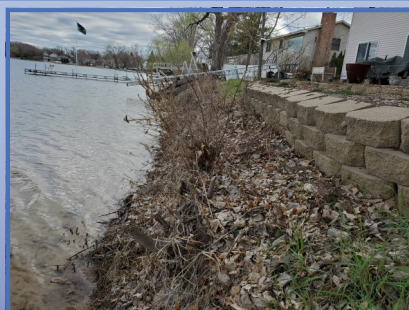
Construction Funding

Rum metro WBIF grant*... \$22,721.41
 Upper Rum River WMO \$3,295.65
 Landowner \$2,890.79
 Total Project Funding \$28,907.85

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

Photos

Before



After



Location

