

LAKE GEORGE SHORE STABILIZATION BACKLUND RESIDENCE, OAK GROVE, MN

Project Summary

A lakeshore restoration was completed on Lake George at 2543 S Lake George Blvd during summer 2022. Prior to the project, the lakeshore had moderate erosion near the dock put-in, including a substantial amount of brick and concrete rubble from failed past erosion control efforts. The remainder of the shore had some ice heaving and minor erosion due to protection by cattails.

The site was stabilized with rock rip rap and a native plant buffer. Ice heaving along the shore was re-graded to allow installation of these practices. In areas of active use and the dock, 29 linear feet of rock rip rap was installed. On either side, 81 linear feet (482 sq ft) of native plant buffer was seeded (not plugs). The buffer will provide some stability but also conceal future ice heaving that may occur.



Project upon completion. August 2022.

Project Specs

Date Installed August 2022
 Shoreline Length Restored 110 ft.
 Restored Buffer Area 482 sq. ft.
 Phosphorus reduction 0.97 lbs/yr
 Sediment reduction 1,660 lbs/yr

Construction Cost

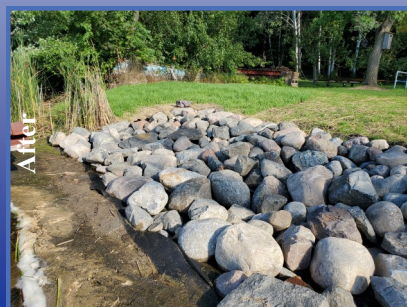
Construction \$14,302.35
 Design and coordination were provided by the ACD using a State WBIF grant.

Construction Funding

Rum metro WBIF grant*.. \$11,241.56
 Upper Rum River WMO.... \$1,630.55
 Landowner..... \$1,430.23
 Total Project Funding \$14,302.35

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

Photos



Location

