PROJECT PROFILE

LARSON LAKESHORE RESTORATION

FRIDLEY, MN

Lakeshore Restoration

ANOKA CONSERVATION DISTRICT

Project Summary

Lakeshore restorations provide aesthetic appeal, increased wildlife habitat, and water quality benefits. A restoration was completed during the summer of 2012 on a residential property that borders Locke Lake in Fridley. Pre-project conditions consisted of actively eroding stretches of bank that contributed excessive nutrients to the lake. Potential sources of erosion included overland flow, wave action, and animal activity. To address these concerns, the restoration involved biolog installation, erosion control blanket installation, and planting of native species plugs. The resulting buffer was expanded to an average width of 22 feet. Funding for the project was provided through a combination of the Rice Creek Watershed District (RCWD) Water Quality Best Management Practice (BMP) Cost-Share Program and landowner contribution.

Completed project in the summer of 2012.

Project Specifications

Date Installed.....September 2012
Project Length.....130 feet
Buffer Width.....22 feet
Total Restoration Area..... 2,860 square feet

Project Funding

RCWD Water Quality BMP Cost Share...$2,354.51
Landowner Contribution.....$2,354.51
Total Project Cost $4,709.02

Installation Process

Pre-restoration conditions consisted of unstable shoreline and a narrower than desired buffer which was dominated by undesirable species.

The restoration included planting of native grasses, forbs, and shrubs as well as the installation of biologs to stabilize the toe of the shoreline and significantly reduce erosion.

These practices will benefit habitat and water quality. In addition, the elaborate root system of the established native plant community will increase shoreline stability.