

Blue Lake Protection and Restoration Project



Overview

The Blue Lake Improvement District is partnering with the Isanti Soil and Water Conservation District to install near-shore projects to improve water quality in Blue Lake. We are targeting nearly 650 linear feet of lakeshore with a goal of restoring the shoreline with native vegetation and treating overland flow before it reaches the lake. Each project will include an average 15-20 foot deep native vegetation buffer and erosion correction. By targeting properties that are eroding and/or with concentrated overland flow to the lake this project will reduce suspended solids discharge by 5,525 lbs/yr and phosphorus by 5.00 lbs/yr.



Project Funding

\$28,160 has been secured to implement selected nearshore projects. A 25% match will be provided by the landowner of each project.

Site Selection Criteria

- Severity of erosion
- Upland runoff
- Length and depth of buffer to be planted
- Possible conflicts (ice jacking, pending sales, etc)
- Landowner willingness

Benefits

- Prevent shoreline loss and erosion
- Prevent nutrients and pollutants from reaching the lake.
- Provide habitat for pollinators.
- Increase aesthetics with Minnesota native plants and flowers

Estimated Timeline 2018-2019

Task	Deadline
Project Presentation	Late Fall 2018
Site Selection	Winter
Landowner Agreement	Late Winter
Project Designs	Late Winter
Project Bidding	Early Spring 2019
Construction & Planting	April— Sept 2019