



Ecological – Riparian

Project Profile

Riparian Enhancement Stenson-Gamm Conservation Easement St. Francis, MN

Project Summary

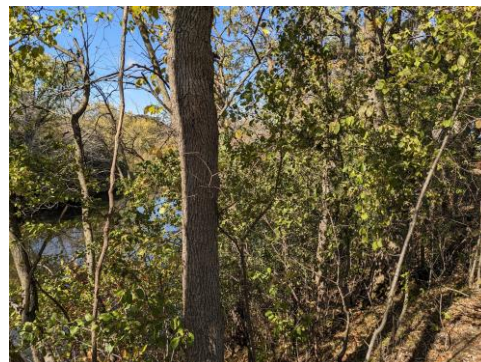
The native plant community was enhanced within 6.8 acres of the riparian corridor along 2,900 ft of the Rum River in the Stenson-Gamm Conservation Easement. Common buckthorn, glossy buckthorn, and non-native honeysuckle were controlled along the shoreline using basal bark herbicide treatment, cut/stump treat/ pile burn, and follow up foliar treatment. Native seed was spread in bare areas. The existing native plants that were growing with the buckthorn will also fill gaps.

Along the top of the riverbank that had been previously farmed, smooth brome and other weeds that emerged after farming were mowed and sprayed. Native seed was broadcasted and targeted mowing was done to control weeds.

Native plants establish deep roots, which stabilize the soil and prevent erosion. The vegetated buffer also helps filter overland flow from the adjacent farm field before it reaches the river, further improving water quality. The diversity of native plants and adding a native prairie strip adjacent to the woodland enhances and diversifies habitat along the Rum River.



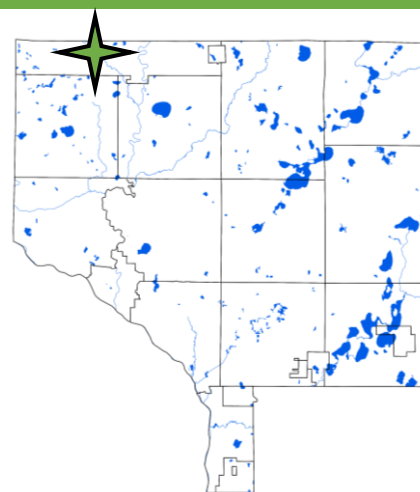
June 2023 pre-project conditions



October 2023 buckthorn pre-condition



October 2023 buckthorn control in process



Project area shoreline along the Rum River.

Project Specifications

Date Installed..... Sept 2023 – Dec 2025

Shoreline Length.....2,900 ft

Project Benefits

Habitat Enhanced6.8 acres

Project Expenses

ACD and Contractor Labor \$28,241.06

Seed \$1,353.78

Total \$29,594.84

Project Partners & Funding

Anoka County \$789.32

NFWF Pollinator Fund.....\$1,353.78

Outdoor Heritage Fund.....\$27,451.74

Total \$29,594.84



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