



# Ecological – Habitat Type

## Project Profile

### Critical Area Planting Johnson, 175th Avenue Andover, MN

#### Project Summary

The Johnson property on the Rum River was Identified as at-risk for bank erosion. In 2024 a [cedar tree revetment](#) was installed. As a follow-up to the cedar tree revetment, critical area planting was installed at the property to reinforce streambank stability and improve habitat quality.

This planting establishes deep-rooted native vegetation along the top of the bank slope, reducing the risk of future washouts and upper-bank failure. The vegetated buffer also helps filter overland flow before it reaches the river, further improving water quality.

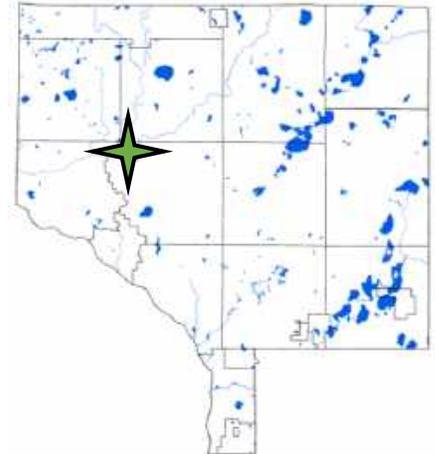
Incorporating a diverse mix of native grasses and forbs enhances habitat value along this section of the Rum River. Plantings consisted of plugs installed in gaps of existing quality native vegetation spacing to ensure thorough coverage and long-term stability.



June 2024 Stream bank conditions during revetment installation



Newly planted native vegetation in project area.



Completed project looking up stream

#### Project Specifications

Date Installed..... 2025 - October  
Project Area ..... 1811 sq. ft.

#### Project Benefits

Habitat Enhanced .....0.04 acres

#### Project Expenses

ACD Labor ..... \$376.02  
Plant material.....\$335.60  
Total ..... \$711.62

#### Project Partners & Funding

WBIF 2023 ..... \$640.47  
Landowner match..... \$71.15  
Total ..... \$711.62



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