

HAIDER PROPERTY - Shoreline Water Quality Buffer



Protecting Your Water Resources

PROJECT SPECS

Date Planted...August 2010

Shoreline Buffer ~100 ft

Buffer Area.....~1500 ft²

Natives Planted.....~462

Cost Share Funding 50% of project expenses up to \$3,000.00

Pre-Restoration Conditions

The Haider property lies on the southwestern shore of Forest Lake (Lake 3). The site was dominated by mown turf grass, and existing rip-rap:

- Direct conveyance of nutrients and pollution from the property into the lake, increasing algae and unwanted vegetation blooms
- Limited plant diversity
- Limited wildlife habitat



Before



After Restoration

Mown turf grass was replaced with a shore land buffer of native plantings along the entire length of lakeshore. The project resulted in the establishment of 1500 sq. ft. of new buffer.

Approximately 462 native grasses, flowers, and aquatic plants were planted. The native plantings combined and mulch provide many benefits, including;

- Erosion of soil into the lake is stopped
- Stormwater is slowed and retained increasing infiltration and decreasing input of nutrients and pollutants to Forest Lake
- Plant diversity is dramatically increased.
- Fish and wildlife habitat is increased

After
September, 2010

