

JOHNS PROPERTY - Shoreline Water Quality Buffer



Protecting Your Water Resources

PROJECT SPECS

Date Installed ...July 2011

Buffer Length.....~110 ft

Buffer Area.....~1750 ft²

Natives Planted.....~580

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

Pre-Restoration Conditions

The Johns' property lies on the south shore of Bone Lake. The site was dominated by mown turf grass down to the existing shoreline resulting in:

- Direct conveyance of nutrients going into the lake untreated, contributing to increased algae and unwanted vegetation blooms in the lake.
- Limited near shore plant diversity
- Limited wildlife habitat



Before

After Restoration

Mown turf grass was replaced with a water quality upland buffer planting using a variety of native plants and mulch along the lakeshore designed to intercept and treat stormwater runoff from the yard prior to getting into the lake. The project consisted in the establishment of a 1700 sq. ft. of buffer.

Approximately 580 native grasses and flowers were planted. The native plantings and mulch provide many benefits, including;

- Stormwater is slowed and retained increasing infiltration and decreasing input of nutrients and pollutants to Bone Lake
- Plant diversity is dramatically increased.
- Upland wildlife habitat is increased.



After August, 2011