

NEUDAUER PROPERTY - Shoreline Protection & Water Quality Buffer



Protecting Your Water Resources

PROJECT SPECS

Date Planted...July - August 2010

Shoreline Protection ~75 ft

Buffer Length.....~75 ft

Buffer Area.....~975 ft²

Natives Planted.....~486

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

Pre-Restoration Conditions

The Neudauer property lies on the northern shore of Forest Lake (Lake 3). The site was dominated by mown turf grass down to a manicured sand beach resulting in:

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



After Restoration

Mown turf grass was replaced with a water quality upland buffer planting using a variety of native plants and mulch along lakeshore designed to intercept and treat stormwater runoff from the yard prior to getting into the lake. The project consisted in the establishment of 975 sq. ft. of new buffer and 75 linear feet of shoreline protection.

Approximately 486 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 Forest Lake
- Plant diversity is dramatically increased.
- Upland wildlife habitat is increased.

After August, 2010

