

MOLITOR PROPERTY



Pre-Buffer Conditions

The Molitor property lies on the shore of Typo Lake. Their site was previously maintained with mown turf the lake's edge. This practice resulted in:

- Active shoreline erosion due to limited root structure to withstand wave action and animal activity
- Direct conveyance of nutrients and pollution from the property into the lake, increasing algae and unwanted aquatic vegetation blooms
- Limited plant diversity
- Limited fish and wildlife habitat



PROJECT SPECS

Date Planted	Summer 2004
Buffer Length.....	60 ft
Upland Buffer Area.....	420 ft ²
Aquatic Buffer Area	240 ft ²
Natives Planted.....	~250
Cost Share Funding	50% of the cost of materials up to \$450.00



After Lakeshore Restoration

Biologs were anchored along the eroding shoreline to stop further erosion and help establish a native plant community. A variety of aquatic plants were planted into and around the biologs. Erosion control fabric was anchored immediately upland of the biologs and a variety of native upland plants were planted throughout. This lakeshore buffer has many benefits, including:

- The repair of active erosion and prevention of further problems
- The shoreline is stabilized to help the native plants establish
- Plant diversity will dramatically increase and the new root structure will help protect the shoreline from erosion due to runoff and wave action
- Fish and wildlife habitat will increase
- Storm water is slowed and retained as it flows toward the lake increasing infiltration and decreasing input of nutrients and pollutants into Locke Lake



September 2004



◀ July 2005



September 2006▶