

# LINDENBERG RESIDENCE



## Pre-Buffer Conditions

The Lindenberg site lies on a steep hillside at the edge of Crooked Lake. The site was previously maintained with mown turf down to a narrow sandy beach at the Lake edge. This practice resulted in:

- Higher risk of soil erosion due to limited root structure and steep slope
- Quick conveyance of nutrients and pollution into Crooked Lake
- Limited plant diversity
- Limited wildlife habitat

## PROJECT SPECS

Date Planted .....	July 2008
Buffer Length .....	40 ft
Buffer Area.....	1,000 ft <sup>2</sup>
Natives Planted .....	540
Cost Share Authorized.....	50% of project expenses up to \$450.00
Estimated homeowner labor .....	23 hours



## After Lakeshore Restoration

Mowed turf is now replaced with a variety of native plantings—a total of 540 native plant plugs were planted on the hillside area. The native plantings combined with the hardwood mulch serve multiple purposes, including;

- Water is slowed as it flows down the hillside increasing infiltration, reducing the risk of erosion, and decreasing input of nutrients and pollutants into Crooked Lake
- Plant diversity is dramatically increased
- Wildlife habitat is dramatically increased and the site serves to draw wildlife into the upland area at the top of the hill

July 2008



July 2008

