

MOORE LAKE



Pre-Buffer Conditions

The Moore Lake site was previously maintained with mown turf down to the lake edge. This practice resulted in:

- Erosion of the lake edge due to loss of root structure to hold the soil together
- Over-population of Canada Geese and an abundance of goose feces
- Loss of plant diversity
- Loss of wildlife habitat



Moore Lake restoration site prior to buffer installation (June 2001)



The project is located in the SE corner of Moore Lake, NE of the intersection of MN65 and East Moore Lake Dr.



Students from Totino Grace and Fridley High School help plant native grasses and wildflowers (September 2001)

PROJECT SPECS

Date Planted September 2001
 Buffer Length 390 ft
 Buffer Area 3,240 ft²
 Natives Planted 1,344



**ANOKA
CONSERVATION
DISTRICT**



Installation

The site was prepared by eliminating the existing vegetation through application of glyphosate (e.g. Rodeo®). The dead thatch was left onsite to act as a mulch. Native wet meadow plugs were planted through the thatch by students from Totino Grace and Fridley High School.

◀ September 2001

Site Monitoring

Most of the plant growth occurs beneath the soil as plants put down roots. Wildflowers begin blooming within the first year after planting. Occasional weeding of thistle and reed canary grass keeps competition to a minimum.

July 2002 ▶



Site Monitoring

A wide variety of flowers such as Asters, Goldenrods, and Joe-Pye are blooming by the third year. The plants have begun to fill in gaps in the planting. Bi-annual weedings will continue through at least year 5 to allow the natives to become well established.

◀ September 2004

