

MARTIN LAKE



Pre-Buffer Conditions

The area between the fishing pier and the boat launch of Rum River South County Park was maintained as mown turf down to the river's edge resulting in:

- Loss of vegetation near the river due to existing vegetation's intolerance to flooding
- Large population of Canada Geese
- Loss of plant diversity
- Loss of fish and wildlife habitat



Rum River restoration site prior to buffer installation (May 2000)



The project is located along West Martin Lake Dr at Martin Lake Park.



A swale is excavated to catch runoff from the boat ramp and parking lot (June 2001)

PROJECT SPECS

Date Planted June 2002
 Buffer Length 140 ft
 Buffer Area 5,000 ft²
 Natives Planted 2,192



ANOKA
CONSERVATION
DISTRICT



Installation

The site was prepared by eliminating the existing vegetation through application of glyphosate (e.g. Rodeo®). Erosion Control Blanket was staked to areas prone to flooding or with disturbed soil. A 2" layer of shredded hardwood mulch was applied to the rest of the planting area. Aquatic, wet meadow, and upland plugs were planted at 18" spacing.

◀ June 2001

Site Monitoring

During the first year's growth the area is monitored for moisture levels and weed growth. By the second growing season the planting only needs periodic weeding.

June 2002 ▶



Site Monitoring

Two years after planting the area is densely covered with vegetation, in stark contrast with the bare soils existing before restoration. The ambers and yellows that arrive in the fall provide visual interest throughout the winter. Periodic weeding will continue for several years until the natives have become well established.

◀ August 2002

