



# City of Inver Grove Heights Bohrer Pond Project



### Practice:

Shoreland Protection

### Benefits:

Reduced erosion and sedimentation.

Vegetative filter buffer to improve water quality

### Partners:

Minnesota Board of Water and Soil Resources

City of Inver Grove Heights

Lakebridge Homeowner Association #1,2,3

Lakebridge Homeowner Association #4

### Watershed:

Mississippi River

### Construction:

Summer  
**2009**

**Project:** Stabilize erosion on shoreline and install 1,300 feet of native plant filter buffer (25 feet average buffer width) along south shore of Bohrer Pond (DNR 19-34P). Native grasses and forbs were seeded throughout the project and supplemented with live seedlings and shrubs. Two years of maintenance are included in the project with subsequent maintenance to be completed by the homeowner associations.

**Funding:** Final project cost: \$45,320

- State Funding: \$33,990 (75%)
- City Inver Grove Heights: \$11,330 (25%)

### Location:

Section 3

City of Inver Grove Heights



Before



After



Before



After



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View of gully erosion on bank due to concentrated flow



Construction of earthen dike to direct water to slope drain and decrease erosion



Slope drain installed at location of concentrated flow



Herbicide treatment and removal of non-native vegetation



Seed bed preparation and installation of edging at project boundary



Seeded areas after erosion control blanket and goose protection fence installation



Installation of weighted toe at base of eroded slope



Imported granular fill behind weighted toe to match existing bank



Bank reconstruction area after seeding, stabilization with erosion control blanket, and installation of dogwood stakes.