



#### LILY LAKE BOAT LAUNCH RETROFIT

#### ADDRESS:

1208 S Greeley St,  
Stillwater, MN 55082

#### WATERSHED:

Middle St. Croix

#### FUNDING PARTNERS

- MPCA
- Washington Conservation District
- City of Stillwater

#### BEST MANAGEMENT PRACTICES IMPLEMENTED

- Shoreline buffer Planting
- Permeable Pavers



# *St. Croix Valley Healthy Waters Initiative*

*Stillwater, State*

## *Lily Lake Boat Launch Retrofit*



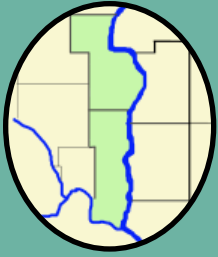
Boat launches are a primary mechanism of sediment and nutrients (nitrogen and phosphorous) delivery to lakes and rivers throughout Minnesota and the greater Midwest. The original design and installation of these structures failed to consider issues of water quality, aquatic ecology, shoreline stability, or invasive species transport. In partnership with the Washington Conservation District and the Minnesota Pollution Control Agency, Great River Greening initiated a pilot project in 2008-2009 to conduct assessments of 14 public boat launches within the St. Croix Watershed of Washington County.

Two launches were flagged as possible retrofit sites: Lily Lake in Stillwater, MN and Goose Lake in Scandia, MN. The sites were chosen for the ranking in the assessment process and for the ability to showcase a different set of stormwater retrofit options at the two locations.

At Lily Lake the site is enclosed in a depressed area with all water flowing towards the lake with out any pretreatment. The solution was to turn the turf area along the lake to native vegetation where water can slow down and be treated by plants. The other main focus was the lunch itself for this engineers designed a 400 sf permeable paver buffer strip so water can be cleansed prior to entering the lake through an underdrain overflow.

Great River Greening  
35 W Water St #201  
Saint Paul MN 55107  
Tel 651 665.9500  
[www.greatrivergreening.org](http://www.greatrivergreening.org)

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renewing communities*



# St. Croix Valley Healthy Waters Initiative

## Great River Greening

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Great River

Greening

leads and

inspires

community-

based

restoration

of natural areas

and

open spaces



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