

# Lily Lake Stormwater Retrofit, Phase II



## Clean Water Funds: 2012

| Clean Water Grant       | \$39,529 |
|-------------------------|----------|
| Leveraged Funds*        | \$15764  |
| Total Project<br>Budget | \$55,293 |

\* Leveraged Funds include

Targeted Water: Lily Lake

#### **Project Sponsor**:

Middle St. Croix Watershed Management Organization

# Grant Period:

January 2012—December 2015

#### **Project Contact:**

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C12-33 - Clean Water Assistance

# **Project Narrative**

Lily Lake, near Stillwater, is a popular recreational spot for residents with its swimming beach, fishing pier, and canoe access. Lily Lake's water quality is declining because of excess nutrients. Restoring it is a priority for the community of Stillwater.

This project is a continuation project of the Phase I project that started in the spring of 2011 and implements priority stormwater treatment projects that were identified in the Lily Lake Stormwater Retrofit Assessment (2010 study). The assessment identified multiple locations where stormwater management features could be installed to help achieve the 145-pound



phosphorus load reduction needed to help improve water quality. Completion of Phase I and II will result in a 15.2 lb/yr reduction of phosphorous, or 12.5% of the goal.

# **Proposed Outcomes:**

Installation of 2,450 cubic feet of live storage volume to capture stormwater runoff from Stillwater City streets draining to Lily Lake. -Lily Lake

Proposed Reductions: 9 lbs./year Phosphorus and 3 tons/year Sediment

### **Actual Outcomes:**

Installation of 2,493 cubic feet of live storage volume to capture stormwater runoff from Stillwater City streets draining to Lily Lake. -Lily Lake

Reductions: 8.0 lbs/year Phosphorus and 2,430 lbs./year Sediment



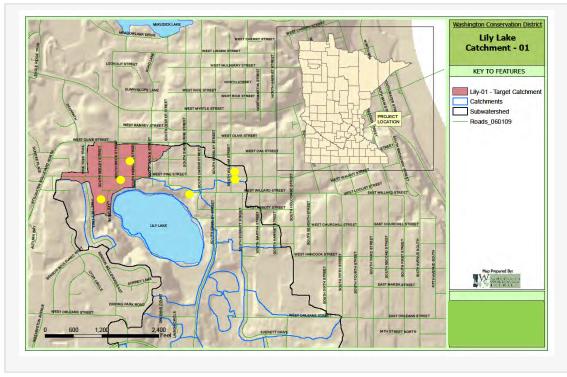
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