



Lily Lake Stormwater Retrofit, Phase II



Clean Water Funds: 2012

Clean Water Grant	\$39,529
Leveraged Funds*	\$15,764
Total Project 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:

Mike Isensee
misensee@mnwcd.org
651-330-8220
www.mscwmo.org



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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