



Restoring Colby Lake



Clean Water Funds: 2012

Clean Water Grant	\$156,622
Leveraged Funds*	\$131,870
Total Project Budget	\$288,492

* Leveraged Funds include local implementation funds and staff time.

Targeted Water:
Colby Lake

Project Sponsor:
South Washington Watershed District

Grant Period:
January 2012—December 2014

Project Contact:
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C12-119 - Clean Water Assistance

Project Narrative

In partnership with the Washington Conservation District and City of Woodbury, this project will improve water quality in Colby Lake through construction of 26 raingardens. Raingardens are installed in City Right of Way where they intercept roadway runoff before it can enter the City's stormwater system and discharge to Colby Lake. Specific locations were identified as part of the Colby Lake Watershed Retrofit Analysis and represent the most cost-effective means to reduce excess phosphorus loads in the Colby 1st Addition neighborhood, immediately adjacent to Colby Lake.



Raingardens were installed during a City roadway reconstruction project to help reduce costs. Landowners have volunteered to maintain the raingardens for a minimum of 10 years.

This project was the first phase of a multi-phase effort. Together with subsequent phases, including pond modifications, roadway narrowing, and water re-use systems, this project fully achieves the necessary watershed load reduction to restore Colby Lake. Additional upstream load reductions will still be necessary for restoration and efforts are underway to achieve those reductions.

Proposed Outcomes:

Up to 30 Priority Water Quality conservation practices previously identified through a Sub-watershed

Annual stormwater runoff reductions to Colby Lake, including:

- 5 acre feet of stormwater
- 11 lbs of Phosphorus
- 2 tons of Sediment

Actual Outcomes:

26 residential raingardens in the Colby 1st Addition neighborhood of Woodbury, MN. Together, the raingardens will reduce annual stormwater runoff to Colby Lake, including:

- 5 acre feet of stormwater
- 12 lbs of Phosphorus
- 2 tons of Sediment

Improving Colby Lake

