



Upland Drainage Conservation and Ravine Stabilization



Clean Water Funds: 2013

Clean Water Grant	\$228,587
Leveraged Funds*	\$68,000
Total Project Budget	\$296,587

* Leveraged Funds include required 25% local match

Target Water:

Project Sponsor:
Sauk River Watershed District

Grant Period:
January 2013—December 2015

Project Contact:

Lynn Nelson



CWF13-254 - Conservation Drainage

Project Narrative

This project will target three identified drainage systems contributing to one tributary outfall to Long Lake, an impaired water body of the Sauk River Chain of Lakes. These systems produce large volumes of stormwater runoff that degrades the tributary and compromise water quality.

Alternative intake structures will be constructed to retain water on the upland properties and minimize flow rate and velocity to the receiving ravine and lake. Iron filtration systems will be used to target reductions in soluble phosphorus. Partner agencies will assist with financial incentives to those who qualify to implement buffers on both nearby private and public drainage systems. Using techniques of bioengineering and commercially available product application, the ravine and outfall areas will be stabilized, reducing the amount of nutrient and sediment contribution to the lake.



Proposed Outcomes:

Reduce phosphorus by 368 pounds/year, reduce sediment by 1,425 tons/year, and reduce runoff volume by 25 acre-feet/year.

Actual Outcomes:

Project in Progress

