



# Cormorant Lakes Prioritized Erosion and Sediment Reduction



## Clean Water Funds: 2013

Clean Water Grant	\$142,900
Leveraged Funds*	\$35,725
Total Project Budget	\$178,625

\* Leveraged Funds include

### Targeted Water:

Lakes within the Cormorant Lakes Watershed District

### Project Sponsor:

Cormorant Lakes Watershed District

### Grant Period:

January 2013—December 2015

### Project Contact:

Erik Jones  
 (701) 499-2055  
 ejones@houstoneng.com  
<http://cormorantlakeswatershed.org/>



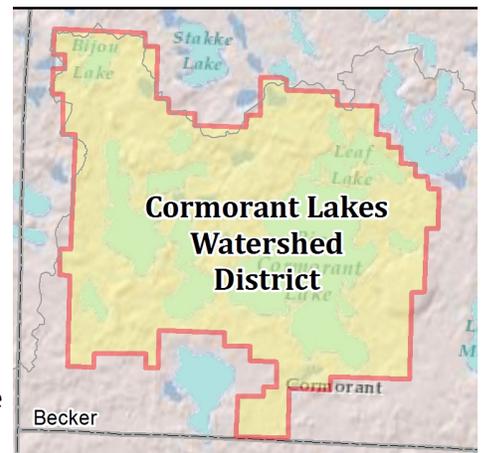
CWF13-233 - Clean Water Assistance

## Project Narrative

In an attempt to protect existing exceptional lake and wetland resources, the Cormorant Lakes Watershed District (CLWD) is proactively implementing erosion and sediment control practices. At the present time, since none of the lakes are impaired but development pressure is increasing, a non-degradation strategy is necessary to ensure the desired long-term water quality in the District's lakes.

A LIDAR-based terrain analysis completed in 2010 and 2011 provides for strategic prioritization of sites for project installation. The proposed project will include field reconnaissance to verify the results of the terrain analysis, working with landowners and contractors to install practices on properties. Long term benefits of reduced sediment, 175 tons per year, and nutrient loads, 200 pounds of phosphorus per year, to the lakes in the CLWD should help to maintain or improve water quality.

This project is the first of a multi-phase effort to address all significant sediment sources in the CLWD.



### Proposed Outcomes:

Reduce Phosphorus by 200 pounds/year and Sediment by 175 tons/year.

### Actual Outcomes:

Project in Progress