



Protection of Bostic and Zippel Bays



Clean Water Funds: 2011

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|----------------------|----------|
| Clean Water Grant | \$52,105 |
| Leveraged Funds* | \$25,500 |
| Total Project Budget | \$77,605 |

* Leveraged Funds include required 25% local match

Targeted Water:

Bostic and Zippel Watersheds

Project Sponsor:

Lake of the Woods Soil and Water Conservation District

Partners:

Natural Resources Conservation Service, North Central MN Joint Powers Board Engineers, Lake of the Woods County Land and Water Planning Office and Public Works Department, MPCA

Grant Period:

January 2011 - December 2012

Project Contact:

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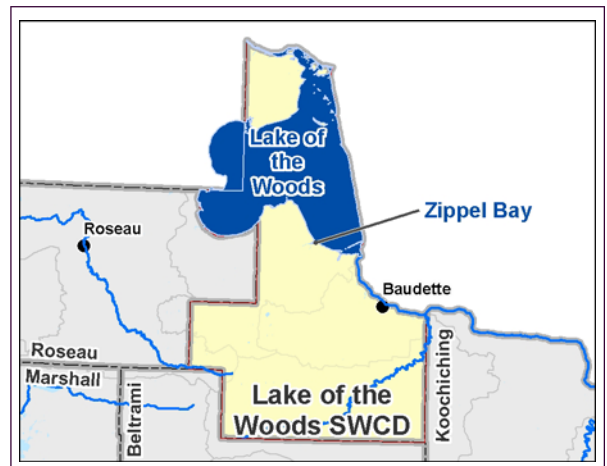


Project Narrative

Resort owners and recreational enthusiasts rely on Bostic and Zippel Bays to provide them with protected access to Lake of the Woods. Without these bays, access to the large lake would be very limited. Tourism, specifically water recreation, is a mainstay of the local economy. Complaints of limited navigability within the bays and reports of annual dredging made these watersheds the priority concern in the Local Water Management Plan.

To tackle the issues, Lake of the Woods Soil and Water Conservation District, with assistance from the North Central Joint Powers Board Engineers and the USDA Natural Resources Conservation Service and other partners, has been conducting an assessment of the watershed. Excessive erosion upstream along with peak flows resulting from increasingly altered land seemed to be the most apparent culprits.

The assessment is not final, but the SWCD wanted to accomplish projects on the ground at the same time as conducting the assessment. This grant will enable the SWCD to conduct demonstration projects to promote and utilize grade and gully stabilization techniques. The projects will help reduce velocity, provide sediment reduction, and water retention benefits. The SWCD will continue working with the NRCS to develop water retention strategies using a highly accurate topographic map acquired through LiDAR technology. The plan will prioritize areas within both watersheds and identify successful strategies to implement in the future.



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