
Name of Organization: Central Lake Superior Watershed Partnership

Type of Organization: Other

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Project Title: Protecting Lake Superior Through Subwatershed Management

Project Category: Habitat (Ecological) Protection and Rest

Rank by Organization (if applicable): 0

Total Funding Requested (\$): 68,200 **Project Duration:** 2 Years

Abstract:

This regional habitat protection and restoration project will address six prioritized subwatersheds in the Lake Superior Basin including: one urban watershed with contaminated stormwater impacts, one Great Lakes Area of Concern (Carp River/Deer Lake AOC) and four rural watersheds experiencing impacts from logging, agriculture and urban sprawl. This project will develop cooperative, eco-system based watershed management plans that include protection and restoration recommendations for critical Great Lakes Habitat as identified in a recent gap analysis and coastal inventory (TNC, MDNR, Central Lake Superior Watershed Partnership). Each watershed management plan will further the specific goals of the Lake Superior Binational Program. This project includes a comprehensive public education component targeting landowners, local units of government and related community organizations.

Geographic Areas Affected by the Project

States:

- | | |
|--|---------------------------------------|
| <input type="checkbox"/> Illinois | <input type="checkbox"/> New York |
| <input type="checkbox"/> Indiana | <input type="checkbox"/> Pennsylvania |
| <input checked="" type="checkbox"/> Michigan | <input type="checkbox"/> Wisconsin |
| <input type="checkbox"/> Minnesota | <input type="checkbox"/> Ohio |

Lakes:

- | | |
|--|------------------------------------|
| <input checked="" type="checkbox"/> Superior | <input type="checkbox"/> Erie |
| <input type="checkbox"/> Huron | <input type="checkbox"/> Ontario |
| <input type="checkbox"/> Michigan | <input type="checkbox"/> All Lakes |

Geographic Initiatives:

- | | | | | |
|--|----------------------------------|-------------------------------------|--------------------------------------|---|
| <input type="checkbox"/> Greater Chicago | <input type="checkbox"/> NE Ohio | <input type="checkbox"/> NW Indiana | <input type="checkbox"/> SE Michigan | <input type="checkbox"/> Lake St. Clair |
|--|----------------------------------|-------------------------------------|--------------------------------------|---|

Primary Affected Area of Concern: Deer Lake, MI

Other Affected Areas of Concern:

For Habitat Projects Only:

Primary Affected Biodiversity Investment Area: Not Applicable

Other Affected Biodiversity Investment Areas:

Problem Statement:

Of the nine watersheds draining into Lake Superior in Marquette County, Michigan only three have comprehensive watershed management plans with detailed inventories and prioritized habitat protection and restoration projects. The six watersheds without ecosystem-based management plans include areas with Critical Lake Superior habitat and include urban watersheds, a Great Lakes Area of Concern (Carp River/Deer Lake AOC), critical spawning habitat and rural watersheds with logging, agricultural and urban sprawl impacts. The combined impact to important Lake Superior aquatic and terrestrial habitat is significant.

Proposed Work Outcome:

This GLNPO project would develop comprehensive, eco-system based watershed management plans for the six Lake Superior sub-watersheds currently without plans in Marquette County, Michigan. Developing these management plans would significantly further the goals of the Central Lake Superior Watershed Partnership and the Lake Superior Binational Program as outlined in the LaMP 2000. Each plan will include a field inventory with recommended Best Management Practices (BMP's) for controlling non-point source pollution including contaminated stormwater and sediment. Each plan will also include habitat protection and restoration recommendations that include conservation easements, local zoning improvements and other protection measures. These plans will enable local units of government, watershed councils and other community organizations to identify and implement habitat protection and restoration projects at the local level. A public education component will stress habitat protection and pollution prevention for landowners, local government and business. A final report and project boilerplate will be distributed throughout the Lake Superior Basin.

Project Milestones:	Dates:
Project Start	08/2000
Data Research, Contractor Selection	08/2000
Field Inventory, Site Prioritization	05/2001
Watershed Plan Development	10/2001
Public Education Component	10/2001
Final Field Verification	05/2002
Plan Implementation and Final Report	06/2002
Project End	08/2002

Project Addresses Environmental Justice

If So, Description of How:

The Central Lake Superior Watershed Partnership addresses environmental justice issues by involving and benefitting all people in the six watershed project area regardless of race, color, national origin or income.

Project Addresses Education/Outreach

If So, Description of How:

The Central Lake Superior Watershed Partnership project has a comprehensive public education component that targets watershed landowners, local units of government and regional community organizations. Outreach materials (newsletters, mailings) and public presentations will provide information on how protect and restore critical Great Lakes habitat and prevent pollution within the project area watersheds.

Project Budget:

	Federal Share Requested (\$)	Applicant's Share (\$)
Personnel:	6,000	2,000
Fringe:	1,500	750
Travel:	500	500
Equipment:	0	2,750
Supplies:	0	500
Contracts:	58,000	0
Construction:	0	0
Other:	1,200	1,000
Total Direct Costs:	67,200	7,500
Indirect Costs:	1,000	0
Total:	68,200	7,500
Projected Income:	0	0

Funding by Other Organizations (Names, Amounts, Description of Commitments):

The Central Lake Superior Watershed Partnership has received funding or funding commitments from the following organizations:

Marquette Community Foundation: \$3,250 for related project equipment and supplies.

Marquette County Conservation District: \$3,250 for related personnel, travel and fringe.

Local Townships: \$1,000 for general project expenses.

Northern Michigan University has provided over \$5,000 in in-kind support through student interns to assist with monitoring and inventory work.

Description of Collaboration/Community Based Support:

The Central Lake Superior Watershed Partnership has collaboration from the following organizations and agencies for this specific GLNPO project (as of 2/2000):

Northern Michigan University

Lake Superior Binational Forum

Natural Resources Conservation Service

US Forest Service

Marquette County Conservation District

Marquette County Township Association

Marquette County Drain Commissioner