

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: SPL-101-05

Name: LONG LAKE PRESERVATION ASSOCIATION: Enhancing Watershed Monitoring Capacity at Long Lake

Type: Lakes Grant

Subtype: Small Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2005

End Date: 12/31/2005

Purpose: The Long Lake Preservation Association, Inc. will conduct a small scale lake planning grant project involving lake and watershed monitoring on Long Lake and it's watershed in Washburn County. Primary activities for this project include utilizing a student intern to conduct a lake and watershed monitoring program involving; 1.) developing a corps of citizen volunteers on Long Lake and area watershed lakes who are knowledgeable and skilled in the use of the "Hydrolab Quanta, 2.) developing a series of educational displays focused on lake water quality and watershed ecology in existing ecology learning centers located on the Boy Scouts camp on Long Lake, and 3.) sharing the results of recent water quality monitoring with watershed residents.

Specific deliverables for this grant project include:
\\00B7 A Final Project Summary Report including the project results.

The Department of Natural Resources will be provided with both a paper copy and an electronic copy of the final report. The project results will be disseminated to the public by newsletter(s), public meeting(s), and local newspaper articles.

Objective:

Comments: Grantee is LONG LAKE PRESERVATION ASSOCIATION

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Long Lake Preservation Associa	GRANT_RECIPIENT	ACTIVE	4/1/2005	12/31/2005	Long Lake Preservation Association	

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Monitor Targeted Area		4/1/2005	12/31/2005	PROPOSED

Details:	Parameter	Value/Amount	Units	Comments
	Habitat Sampled			
	Monitoring			
	Report Writeup			

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Grant Awarded	<p>The Long Lake Preservation Association, Inc. will conduct a small scale lake planning grant project involving lake and watershed monitoring on Long Lake and it's watershed in Washburn County. Primary activities for this project include utilizing a student intern to conduct a lake and watershed monitoring program involving; 1.) developing a corps of citizen volunteers on Long Lake and area watershed lakes who are knowledgeable and skilled in the use of the "Hydrolab Quanta, 2.) developing a series of educational displays focused on lake water quality and watershed ecology in existing ecology learning centers located on the Boy Scouts camp on Long Lake, and 3.) sharing the results of recent water quality monitoring with watershed residents.</p> <p>Specific deliverables for this grant project include: \00B7 A Final Project Summary Report including the project results.</p> <p>The Department of Natural Resources will be provided with both a paper copy and an electronic copy of the final report. The project results will be disseminated to the public by newsletter(s), public meeting(s), and local newspaper articles.</p>	4/1/2005		COMPLETE
Watershed Mapping or Assessment		4/1/2005	12/31/2005	PROPOSED
Comprehensive Planning Studies	10100334	4/1/2005		PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
2106800	1	Long Lake	Long Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

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Title	Description	Author	Published	Comments
Assessing Lake Productivity in the Long Lake Watershed	<p>This study was undertaken to gather productivity data, compare trends, and investigate possible sources of nutrients having negative effects on water quality to Long Lake. There has been growing concern from homeowners throughout the watershed of decreasing water quality in Long Lake and other lakes in the watershed through increased productivity. Citizen water monitoring has taken place on Long Lake since the early 1990s through the Wisconsin Department of Natural Resources Self Help program and also through studies by BARR Engineering and UW-Stevens Point Center for Watershed Science and Education.</p> <p>Comparing previous work with current data, we can draw preliminary conclusions concerning sources of increased productivity on Long Lake. Internal loading of phosphorous in Long Lake appears to be supplying the lake with excess phosphorous for increased productivity. The extent of internal loading in Long Lake is still not fully understood because new findings in 2005 indicate a high concentration of phosphorous in some ground water inputs into the lake.</p>	Andrew Hudak	1/1/2006	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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