

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-077 (4021-01)

Name: LONG LAKE PROPERTY OWNERS ASSOCIATION: Long Lake Management Planning

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 10/24/1991

End Date: 6/30/1993

Purpose: ASSEMBLE AND REVIEW DATA, IDENTIFY GAPS IN DATA, INITIATE WATER MONITORING PROGRAM, MONITOR AGRICULTURE-RELATED NONPOINT SOURCE LOADS. PREPARE AN EVALUATION OF LAKE'S WATER QUALITY. PREPARE A BASE MAP OF THE LAKE AND ITS WATERSHED. DESIGN AND DISTRIBUTE A SURVEY TO LAKESURE RESIDENTS. ASSESSMENT OF OPPORTUNITIES FOR FUTURE PUBLIC ACCESS. DRAFT FINAL REPORT.

Objective:

Comments: Grantee is LONG LAKE PROPERTY OWNERS ASSOCIATION

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
IPS Environmental and Analytic	OTHER	COMPLETE	10/24/1991	6/30/1993	IPS Environmental and Analytical Services	
Long Lake Property Owners Asso	GRANT_RECIPIENT	ACTIVE	10/24/1991	6/30/1993	Long Lake Property Owners Association	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Lake Management Plan Development		10/24/1991	6/30/1993	PROPOSED
Watershed Mapping or Assessment		10/24/1991	6/30/1993	PROPOSED
Data analysis, report production	10100529	10/24/1991		PROPOSED
Monitor Water Quality or Sediment	10100529	10/24/1991		PROPOSED
Social Survey of Residents or Users		10/24/1991	6/30/1993	PROPOSED
Grant Awarded	Assemble and review data, identify gaps in data, initiate water monitoring program, monitor agriculture-related nonpoint source loads. Prepare an evaluation of lake's water quality. Prepare a base map of the lake and its watershed. Design and distribute a survey to lakesure residents. Assessment of opportunities for future public access. Draft final report.	10/24/1991		COMPLETE

Wisconsin Department of Natural Resources SWIMS Project Summary

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
321000	1	Schoenick Creek	Schoenick Creek
321300	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

Title	Description	Author	Published	Comments
Phase I - Lake Management Plan - Long Lake - Shawano County, Wisconsin	Long Lake, Shawano County, Wisconsin is a small (86 acre) lake with a relatively large and predominantly open/agricultural watershed. Nutrient levels were near those expected (relatively high) for the ecoregion in which Long Lake is located and transparency was low. Water quality parameters, according to Trophic state Index, indicated late mesotrophic to eutrophic conditions. Nutrient levels in surface runoff were much higher than in-lake readings. Aquatic plant populations appeared to benefit the resource; plants on muck substrates near the inlet were more abundant and of a different species assemblage than on sandy substrate areas. Recreational use, as indicated by survey responses, was moderate and largely restricted to landowners along the highly developed shoreline. Fifteen respondents were permanent residents; average use among seasonal residents was about 12 weeks and 22 weekends. Viewing/watching nature, swimming	IPS Environmental and Analytical Services	4/30/1993	

Wisconsin Department of Natural Resources SWIMS Project Summary

and sunbathing, and fishing were the most popular activities. Ninety-four watercraft were reported; these were predominantly rowboats but included a significant number of motorboats over 50 horsepower. Most respondents did not perceive crowding or safety problems. Water quality was generally perceived to be fair to poor and unchanged or deteriorated over the past five years. Thirty-seven respondents indicated having 30 conventional septic tanks, 4 holding tanks and 3 outhouses. Management recommendations emphasize continued monitoring, reduction of nonpoint source nutrient and sediment inputs and consideration of access development. - Water quality and self-help monitoring should be continued to supplement the small amount of historic information and track trends. Event monitoring should be continued and supplemented with local rainfall data; control measures should be implemented where appropriate and practical. - Good yard management, runoff control practices and proper sanitary system maintenance should be emphasized. An onsite survey of sanitary systems should be scheduled during summer months. Best Management Practices (BMPs) should be adopted on erosion prone areas throughout the watershed. - Consideration should be given to access development. Lake management activities are often facilitated through state assistance and highest priorities are often given to waterbodies with adequate public access.

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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