

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** LPL-284

**Name:** FOX LAKE INLAND LAKE P & R DISTRICT: Fox Lake Zooplankton/phtoplankton Communities Study

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/3/1995

**End Date:** 12/31/1996

**Purpose:** Test the ability of Sago pondweed (*Potamogeton pectinatus*) to provide a zone of refuge from fish predation and consequently, allow the zooplankton community to reach sufficient numbers to significantly reduce the extent of algal blooms. Compare composition and abundance of zooplankton and phytoplankton in presence and absence of fish. Assess combined importance of macrophyte presence and fish absence on composition and abundance of zooplankton and phytoplankton. Evaluate zooplankton utilization of macrophytes as refugia. Correlate water quality parameters to benefit and detriment to zooplankton and phytoplankton communities. The grantee will disseminate information to the public by newsletter mailings, fact sheet distributions, public meetings, local newspaper articles and a comprehensive management plan. The grantee will provide the Department of Natural Resources with a paper copy and an electronic copy of the final report. Project results will be deposited at the Lake Management District office and the City and Town Halls.

**Objective:**

**Comments:** Grantee is FOX LAKE INLAND LAKE P & R DISTRICT

**Outcome:**

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Fox Lake Inland P & R District	GRANT_RECIPIENT	ACTIVE	4/3/1995	12/31/1996	Fox Lake Inland P & R District	

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Develop/Distribute Brochures/Literature		4/3/1995	12/31/1996	PROPOSED

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Grant Awarded	Test the ability of Sago pondweed (Potamogeton pectinatus) to provide a zone of refuge from fish predation and consequently, allow the zooplankton community to reach sufficient numbers to significantly reduce the extent of algal blooms. Compare composition and abundance of zooplankton and phytoplankton in presence and absence of fish. Assess combined importance of macrophyte presence and fish absence on composition and abundance of zooplankton and phytoplankton. Evaluate zooplankton utilization of macrophytes as refugia. Correlate water quality parameters to benefit and detriment to zooplankton and phytoplankton communities. The grantee will disseminate information to the public by newsletter mailings, fact sheet distributions, public meetings, local newspaper articles and a comprehensive management plan. The grantee will provide the Department of Natural Resources with a paper copy and an electronic copy of the final report. Project results will be reposted at the Lake Management District office and the City and Town Halls.	4/3/1995		COMPLETE
Develop/Distribute Newsletter		4/3/1995	12/31/1996	PROPOSED
Informational Meetings		4/3/1995	12/31/1996	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
835800	1	Fox Lake	Fox Lake
836200	1	Cambra Creek (Canada)	Cambra Creek

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
FOX LAKE ZOOPLANKTON/PHTOPLAN KTON COMMUNITIES STUDY	Lakes Planning Report	Grant Recipient	12/31/1996	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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