

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-879-03

**Name:** SPREAD EAGLE CHAIN O'LAKES ASSOCIATION: South Lake Assessment and Study

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/2003

**End Date:** 6/30/2005

**Purpose:** The Spread Eagle Chain O' Lakes Association is sponsoring a project which will develop a lake management and implementation plan for the protection of South Lake. Water quality samples will be submitted to the State Lab Of Hygeine (SLOH) and will be submitted to the self-help program. An aquatic plant survey will be completed with the method in the proposal that has been approved by the Department. Data from the survey will be included in raw data tabular format, summarized in tabular and graph format, and a map will be created.

Voucher specimens will be collected, submitted to the Department for review and retained by the association. The watershed will be defined, sensitive areas (i.e. wetlands and steep slopes) will be mapped, and phosphorus loading will be estimated using WILMS version 1.01 or more advanced model. Recommendations regarding impacts from recreational use will be made and included in the final report. Fish species will be based on previous DNR surveys, spawning beds and nursery locations will be identified and a long-term fish management plan will be developed. The South Lake Dam and the Bridge crossing will be inspected and recommendations for management will be made in the report. The education portion of the project will include a Canoe Classroom and will include the development of curriculum for education about South Lake. Deliverables for this project are listed in section E of the proposal and include 11 specific items. All final products will be provided to the Department in electronic (pdf) and hard copy format.

\*\*\*Please note that approval of the final report for final payment by the Lake Grant Program does not indicate Department approval of recommendations or strategies within the report.

**Objective:**

**Comments:** Grantee is SPREAD EAGLE CHAIN O'LAKES ASSOCIATION

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Spread Eagle Chain O Lakes Ass	GRANT_RECIPIENT	ACTIVE	4/1/2003	6/30/2005	Spread Eagle Chain O Lakes Association	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start Date	End Date	Status
Aquatic Plant Monitoring or Survey		4/1/2003	6/30/2005	PROPOSED
Information and Education		4/1/2003	6/30/2005	PROPOSED
Lakes Planning Grant		4/1/2003	6/30/2005	PROPOSED

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Grant Awarded	<p>The Spread Eagle Chain O' Lakes Association is sponsoring a project which will develop a lake management and implementation plan for the protection of South Lake. Water quality samples will be submitted to the State Lab Of Hygeine (SLOH) and will be submitted to the self-help program. An aquatic plant survey will be completed with the method in the proposal that has been approved by the Department. Data from the survey will be included in raw data tabular format, summarized in tabular and graph format, and a map will be created.</p> <p>Voucher specimens will be collected, submitted to the Department for review and retained by the association. The watershed will be defined, sensitive areas (i.e. wetlands and steep slopes) will be mapped, and phosphorus loading will be estimated using WiLMS version 1.01 or more advanced model. Recommendations regarding impacts from recreational use will be made and included in the final report. Fish species will be based on previous DNR surveys, spawning beds and nursery locations will be identified and a long-term fish management plan will be developed. The South Lake Dam and the Bridge crossing will be inspected and recommendations for management will be made in the report. The education portion of the project will include a Canoe Classroom and will include the development of curriculum for education about South Lake.</p>	4/1/2003		COMPLETE
Biomonitoring Toxicity Tests		4/1/2003	6/30/2005	PROPOSED
Monitor Fish Community		4/1/2003	6/30/2005	PROPOSED
Lake Management Plan Development		4/1/2003	6/30/2005	PROPOSED
Project Deliverable	Final Report	4/1/2003	6/30/2005	PROPOSED
Watershed Mapping or Assessment		4/1/2003	6/30/2005	PROPOSED
Monitor Water Quality or Sediment		4/1/2003	6/30/2005	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
193952	South Lake - Deep Hole	

### Assessment Units

WBIC	Segment	Local Name	Official Name
702100	1	Spread Eagle Chain	Spread Eagle Chain of Lakes
702200	1	South Lake (Spread Eagle Chain)	South Lake
702400	1	East Lake	East Lake

### Lab Account Codes

Account Code	Description	Start Date	End Date
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## Wisconsin Department of Natural Resources SWIMS Project Summary

### 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
4/28/2003 15:00	COMPLETE	702700-T4	193952	South Lake - Deep Hole
6/11/2003 14:00	COMPLETE	702700-B6	193952	South Lake - Deep Hole
7/15/2003 12:00	COMPLETE	702700-B7	193952	South Lake - Deep Hole
7/15/2003 12:15	COMPLETE	702700-T7	193952	South Lake - Deep Hole
8/14/2003 13:45	COMPLETE	702700-58	193952	South Lake - Deep Hole
1/8/2004 11:15	COMPLETE	702700-T1	193952	South Lake - Deep Hole

### Documents

Title	Description	Author	Published	Comments
SOUTH LAKE ASSESSMENT AND STUDY	Lakes Planning Report	Grant Recipient	6/30/2005	

### Budget

**Combined Budgets:**

**Combined WSLH:**

**Combined Total:** \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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