

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-860-03  
**Name:** DEER LAKE CONSERVANCY INC: Deer Lake: In-Lake Management Plan Project  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 04/01/2003  
**End Date:** 12/31/2004  
**Purpose:** The Deer Lake Conservancy, Inc. will conduct a comprehensive "In-Lake" management planning project involving a study and evaluation of Deer Lake in Polk County. Project activities include; conducting an in-lake water quality monitoring survey during 2003, reviewing and evaluating all available water quality data, developing a lake nutrient budget, developing a computer lake response model, developing a management strategy for recently purchased lakeshore property, developing a riparian habitat restoration and protection program for the lake, developing an implementation plan for long term lake management goals and strategies, and completing an updated comprehensive lake management plan.

Specific deliverables for this grant project include:  
 -- A comprehensive lake management plan/report for Deer Lake including the project activity 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 DEER LAKE CONSERVANCY INC  
**Outcome:**  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Adamson, Jean	TEAM_MEMBER	COMPLETE	04/01/2003	12/31/2004		
Deer Lake Conservancy,	GRANT_RECIPII	ACTIVE	04/01/2003	12/31/2004	Deer Lake Conservancy	
Swanson, Lester H	TEAM_MEMBER	COMPLETE	04/01/2003	12/31/2004		

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Monitor Water Quality or Sediment		04/01/2003		PROPOSED
Water Quality Modeling		04/01/2003	12/31/2004	PROPOSED
Data analysis, report production		04/01/2003	12/31/2004	PROPOSED

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Action	Detailed Description	Start	End Date	Status
Grant Awarded	The Deer Lake Conservancy, Inc. will conduct a comprehensive "In-Lake" management planning project involving a study and evaluation of Deer Lake in Polk County. Project activities include; conducting an in-lake water quality monitoring survey during 2003, reviewing and evaluating all available water quality data, developing a lake nutrient budget, developing a computer lake response model, developing a management strategy for recently purchased lakeshore property, developing a riparian habitat restoration and protection program for the lake, developing an implementation plan for long term lake management goals and strategies, and completing an updated comprehensive lake management plan.	04/01/2003		COMPLETE
Lake Management Plan Development		04/01/2003		PROPOSED
Nutrient Budget Development		04/01/2003		PROPOSED

### Monitoring Stations

Station ID	Name	Comments
493063	Deer Lake - East-Deep Hole	
493064	Deer Lake - West	

### Assessment Units

WBIC	Segment	Local Name	Official Name
2619400	1	Deer Lake	Deer Lake
2619500	1	Rock Creek	Rock 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	Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/27/2003 02:20	COMPLETE	WB-SUR	493064	Deer Lake - West
05/27/2003 12:15	COMPLETE	EB-10MT	493063	Deer Lake - East-Deep Hole
05/27/2003 23:15	COMPLETE	EB-SUR	493063	Deer Lake - East-Deep Hole
06/09/2003 09:00	COMPLETE	EB-10/12MT	493063	Deer Lake - East-Deep Hole
06/09/2003 09:00	COMPLETE	WB-BOT	493064	Deer Lake - West
06/09/2003 09:10	COMPLETE	EB-SUR	493063	Deer Lake - East-Deep Hole
06/09/2003 09:10	COMPLETE	WB-SUR	493064	Deer Lake - West
06/24/2003 09:00	COMPLETE	EB-BOT	493063	Deer Lake - East-Deep Hole
06/24/2003 09:00	COMPLETE	WB-SUR	493064	Deer Lake - West

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Start Date	Status	Field ID	Station ID	Station Name
07/07/2003 09:00	COMPLETE	EB-SUR	493063	Deer Lake - East-Deep Hole
07/07/2003 09:00	COMPLETE	WB-19FT	493064	Deer Lake - West
07/21/2003 09:00	COMPLETE	EB-SUR	493063	Deer Lake - East-Deep Hole
07/21/2003 09:00	COMPLETE	WB-SUR	493064	Deer Lake - West
08/04/2003 09:15	COMPLETE	EB-29FT	493063	Deer Lake - East-Deep Hole
08/04/2003 09:30	COMPLETE	WB-25FT	493064	Deer Lake - West
08/19/2003 09:00	COMPLETE	EB-ABVTHR	493063	Deer Lake - East-Deep Hole
08/19/2003 09:00	COMPLETE	WB-BLWTHR	493064	Deer Lake - West
09/02/2003 09:30	COMPLETE	EB-BLWTHR	493063	Deer Lake - East-Deep Hole
09/02/2003 09:30	COMPLETE	WB-BLWTHR	493064	Deer Lake - West
09/15/2003 10:00	COMPLETE	EB-34FT	493063	Deer Lake - East-Deep Hole
09/15/2003 10:00	COMPLETE	WB-BLWTHR	493064	Deer Lake - West
10/06/2003 10:30	COMPLETE	EB-42FT	493063	Deer Lake - East-Deep Hole
10/06/2003 10:30	COMPLETE	WB-BLWTHR	493064	Deer Lake - West

### Documents

Title	Description	Author	Published	Comments
Lake and Watershed Planning and Analysis - Deer Lake Management Plan	The Deer Lake Conservancy, in its request for proposals for the present study, indicated they were interested in conducting a more comprehensive lake study, which built upon previous studies. Specifically, there was interest by some board members to consider in-lake management methods such as aquatic plant removal and alum treatment to control nuisance aquatic plants and algae. In addition, the Deer Lake Conservancy was interested in conducting a detailed watershed modeling analysis, conducted as a separate study (JEO 2003), and specific management options for a 'barnyard runoff management system' (also known as Pond 1).	Dick Osgood	02/28/2004	

### Budget

**Combined Budgets:**  
**Combined SLOH:**  
**Combined Total:**

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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