

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-441

**Name:** MANITOWOC COUNTY: Carsten/Weyers Lake Management Planning

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/1997

**End Date:** 6/30/2000

**Purpose:** Manitowoc County proposes to conduct the following lake management planning activities on Carstens and Weyers Lakes: 1) Form a Lake Association. 2) Prepare a study design to determine nutrient problems in the lake. 3) Prepare a GIS layer of the watershed and sample sites. 4) Study the lakes water chemistry and compare to previous studies. 5) Prepare a final report summarizing the project's results. The Department of Natural Resources will be provided with a paper copy and an electronic copy of the final report. Information about the project results will be disseminated to the public by public meeting.

**Objective:**

**Comments:**

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
MANITOWOC COUNTY,	GRANT_RECIPIENT	ACTIVE	4/1/1997	6/30/2000	MANITOWOC COUNTY	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Manitowoc County proposes to conduct the following lake management planning activities on Carstens and Weyers Lakes: 1) Form a Lake Association. 2) Prepare a study design to determine nutrient problems in the lake. 3) Prepare a GIS layer of the watershed and sample sites. 4) Study the lakes water chemistry and compare to previous studies. 5) Prepare a final report summarizing the project's results. The Department of Natural Resources will be provided with a paper copy and an electronic copy of the final report. Information about the project results will be disseminated to the public by public meeting.	4/1/1997		COMPLETE

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Comprehensive Planning Studies	10099548	4/1/1997		PROPOSED
Lake Management Plan Development	10099548	4/1/1997		PROPOSED

### Monitoring Stations

Station ID	Name	Comments
363036	Carstens Lake - Deep Hole - Middle	
363067	Weyers Lake - Deep Hole	

### Assessment Units

WBIC	Segment	Local Name	Official Name
49400	1	Weyers Lake	Weyers Lake
66800	1	Carstens Lake	Carstens 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
6/12/1997 13:00	COMPLETE	W-1	363067	Weyers Lake - Deep Hole
6/12/1997 14:00	COMPLETE	CA-1	363036	Carstens Lake - Deep Hole - Middle
8/11/1997 10:30	COMPLETE	W-2	363067	Weyers Lake - Deep Hole
8/13/1997 13:00	COMPLETE	CA-1	363036	Carstens Lake - Deep Hole - Middle

### Documents

## Wisconsin Department of Natural Resources SWIMS Project Summary

Title	Description	Author	Published	Comments
Lake Management Planning Grant Report, Carstens and Weyers Lakes, Manitowoc County, Wisconsin	Ecological concerns dealing with the quality of Carstens Lake in southeast Manitowoc County have been of great concern over the past fifteen to twenty years. Over this period of time, tests and studies of various aspects have been conducted in an effort to improve Carstens Lake. Correcting and then maintaining the Carstens Lake ecosystem for the future, however, will need to be approached through proper land use practices in the watershed. This approach will include awareness of in-going and out-going streams, tile systems, septic systems, agricultural practices in the watershed, and any other human activities which could adversely affect Carstens Lake. A lake plan is a valuable tool which will be helpful in achieving the goal of improving Carsten's Lake. It can be used to focus on courses of action and to evaluate the effectiveness of taken action.	Grant Recipient	6/30/2000	

### Budget

**Combined Budgets:**
**Combined WSLH:**
**Combined Total:** \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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