

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL163117  
**Name:** LAKESHORE NATURAL RESOURCES PARTNERSHIP INC.: Carstens Lake Management Plan  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 02/15/2017  
**End Date:** 12/31/2019  
**Purpose:** Lakeshore Natural Resources Partnership (LNRP) is sponsoring a project to update the Carstens Lake comprehensive lake management plan.

Project final deliverables include: all data collected, agendas and minutes for planning meetings, and a lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan.

Specific project activities include: 1) Provide a detailed historical assessment of water quality problems or threats to lake water quality from nonpoint source pollution; 2) Collect watershed-specific baseline information and model nonpoint source pollution input to the lake; 3) Develop and implement data sharing procedures and collaboration between all project partners; 4) Seek public involvement throughout all phases of this project; 5) Creation of a public supported updated comprehensive lake management plan that includes an implementation strategy.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps, and digital images, must be submitted to the Department in a format specified by the regional Lake Biologist.

If consultant is to provide final report, it is recommended that Grantee provide DNR Lake Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. DNR to receive both paper and electronic .pdf copies of the final report along with, or prior to submission of grantee's final payment request

**Objective:**

**Comments:** Grantee is LAKESHORE NATURAL RESOURCES PARTNERSHIP INC.

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
------	------	--------	------------	----------	--------------	----------

### Project Statuses

Date	Reported By	Status	Comments
------	-------------	--------	----------

### Actions

Action	Detailed Description	Start	End Date	Status
--------	----------------------	-------	----------	--------

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Grant Awarded	Lakeshore Natural Resources Partnership (LNRP) is sponsoring a project to update the Carstens Lake comprehensive lake management plan.  Project final deliverables include: all data collected, agendas and minutes for planning meetings, and a lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan.	02/15/2017	12/31/2019	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
------------	------	----------

### Assessment Units

WBIC	Segment	Local Name	Official Name
66800	1	Carstens Lake	Carstens Lake

### Lab Account Codes

Account Code	Description	Start Date	End Date
--------------	-------------	------------	----------

### Forms

Form Code	Form Name
-----------	-----------

### Methods

Method Code	Description
-------------	-------------

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
------------	--------	----------	------------	--------------

### Documents

Title	Description	Author	Published	Comments
Carstens Lake Comprehensive Management Plan	In 2000, Manitowoc County Lakes Association (MCLA) developed a lake management plan which identified key sources of phosphorus inputs, and laid out goals for a watershed-scale approach to improving water quality in Carstens Lake. This revised Carstens Lake Management Plan (the Plan) is being developed to build on previous plans and studies, to recommend on-the-ground conservation measures within the watershed, and provide a framework to implement these measures. The Plan includes additional data collection, modeling of nutrient loading, and will establish target	Stantec Consulting	12/15/2017	

**Wisconsin Department of Natural Resources  
SWIMS Project Summary**

Title	Description	Author	Published	Comments
Carstens Lake Management Plan Approval	<p>objectives for watershed and water quality improvements for Carstens Lake. The Plan will work to create alliances and partnerships between community members, lake users, landowners, scientists, and agencies to leverage funding and implement strategic conservation practices. The desired outcomes will include benefits to these stakeholders, and success will be built on collaboration among a wide range of local community members.</p> <p>Approval letter for the Lake Management Plan on Carstens Lake in Manitowoc County.</p>	Mary Gansberg	01/16/2018	

**Budget**

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

**Funding**

Organization	Source	Type	Amount	Start Date	End Date
--------------	--------	------	--------	------------	----------