

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-001 (4001-01)  
**Name:** BLACK OTTER LAKE PROT & REHABILITATION DIST: Black Otter Comprehensive Lake Management Plan  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 12/20/1990  
**End Date:** 12/31/1994  
**Purpose:** Gather of physical, chemical and biological lake information which will include: 1) physical survey of the lake depth, area, contours, and hydraulic residence time, 2) chemical sampling as referenced in the project description of the application,3) biological inventory of aquatic plants. Investigation and assessment of several potential management options. Preparation of an up-to-date land use map for the lake's watershed, as described in the application. Description of current governmental/jurisdictional boundaries within the watershed, and their regulatory authority concerning lake use. Examine adequacy and propose changes if necessary. Gathering of sociological information including two public forums and a questionnaire. Preparation,printing, and dissemination of a final reportby newsletter mailings, fact sheet mailings, public meetings, local newspaper articles and poster displays. Project results will be repositied at Hortonville library and Hortonville Village Hall.  
**Objective:**  
**Comments:** Grantee is BLACK OTTER LAKE PROT & REHABILITATION DIST  
**Outcome:**  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Black Otter Lake District,	GRANT_RECIPII	ACTIVE	12/20/1990	12/31/1994	Black Otter Lake District	

### 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
Informational Meetings	<p>Gather of physical, chemical and biological lake information which will include: 1) physical survey of the lake depth, area, contours, and hydraulic residence time, 2) chemical sampling as referenced in the project description of the application,3) biological inventory of aquatic plants. Investigation and assessment of several potential management options. Preparation of an up-to-date land use map for the lake's watershed, as described in the application. Description of current governmentaljurisdictional boundaries within the watershed, and their regulatory authority concerning lake use. Examine adequacy and propose changes if necessary. Gathering of sociological information including two public forums and a questionnaire. Preparation,printing, and dissemination of a final reportby newsletter mailings, fact sheet mailings, public meetings, local newspaper articles and poster displays. Project results will be repositied at Hortonville library and Hortonville Village Hall.</p>	12/20/1990	12/31/1994	PROPOSED
Grant Awarded	<p>Gather of physical, chemical and biological lake information which will include: 1) physical survey of the lake depth, area, contours, and hydraulic residence time, 2) chemical sampling as referenced in the project description of the application,3) biological inventory of aquatic plants. Investigation and assessment of several potential management options. Preparation of an up-to-date land use map for the lake's watershed, as described in the application. Description of current governmentaljurisdictional boundaries within the watershed, and their regulatory authority concerning lake use. Examine adequacy and propose changes if necessary. Gathering of sociological information including two public forums and a questionnaire. Preparation,printing, and dissemination of a final reportby newsletter mailings, fact sheet mailings, public meetings, local newspaper articles and poster displays. Project results will be repositied at Hortonville library and Hortonville Village Hall.</p>	12/20/1990		COMPLETE

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Aquatic Plant Monitoring or Survey	<p>Gather of physical, chemical and biological lake information which will include: 1) physical survey of the lake depth, area, contours, and hydraulic residence time, 2) chemical sampling as referenced in the project description of the application,3) biological inventory of aquatic plants. Investigation and assessment of several potential management options. Preparation of an up-to-date land use map for the lake's watershed, as described in the application. Description of current governmentaljurisdictional boundaries within the watershed, and their regulatory authority concerning lake use. Examine adequacy and propose changes if necessary. Gathering of sociological information including two public forums and a questionnaire. Preparation,printing, and dissemination of a final reportby newsletter mailings, fact sheet mailings, public meetings, local newspaper articles and poster displays. Project results will be repositied at Hortonville library and Hortonville Village Hall.</p>	12/20/1990	12/31/1994	PROPOSED
Monitor Water Quality or Sediment	<p>Gather of physical, chemical and biological lake information which will include: 1) physical survey of the lake depth, area, contours, and hydraulic residence time, 2) chemical sampling as referenced in the project description of the application,3) biological inventory of aquatic plants. Investigation and assessment of several potential management options. Preparation of an up-to-date land use map for the lake's watershed, as described in the application. Description of current governmentaljurisdictional boundaries within the watershed, and their regulatory authority concerning lake use. Examine adequacy and propose changes if necessary. Gathering of sociological information including two public forums and a questionnaire. Preparation,printing, and dissemination of a final reportby newsletter mailings, fact sheet mailings, public meetings, local newspaper articles and poster displays. Project results will be repositied at Hortonville library and Hortonville Village Hall.</p>	12/20/1990	12/31/1994	PROPOSED

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Map Depth of Lake (Bathymetry)	Gather of physical, chemical and biological lake information which will include: 1) physical survey of the lake depth, area, contours, and hydraulic residence time, 2) chemical sampling as referenced in the project description of the application,3) biological inventory of aquatic plants. Investigation and assessment of several potential management options. Preparation of an up-to-date land use map for the lake's watershed, as described in the application. Description of current governmentaljurisdictional boundaries within the watershed, and their regulatory authority concerning lake use. Examine adequacy and propose changes if necessary. Gathering of sociological information including two public forums and a questionnaire. Preparation,printing, and dissemination of a final reportby newsletter mailings, fact sheet mailings, public meetings, local newspaper articles and poster displays. Project results will be repositied at Hortonville library and Hortonville Village Hall.	12/20/1990	12/31/1994	PROPOSED
Watershed Mapping or Assessment	Gather of physical, chemical and biological lake information which will include: 1) physical survey of the lake depth, area, contours, and hydraulic residence time, 2) chemical sampling as referenced in the project description of the application,3) biological inventory of aquatic plants. Investigation and assessment of several potential management options. Preparation of an up-to-date land use map for the lake's watershed, as described in the application. Description of current governmentaljurisdictional boundaries within the watershed, and their regulatory authority concerning lake use. Examine adequacy and propose changes if necessary. Gathering of sociological information including two public forums and a questionnaire. Preparation,printing, and dissemination of a final reportby newsletter mailings, fact sheet mailings, public meetings, local newspaper articles and poster displays. Project results will be repositied at Hortonville library and Hortonville Village Hall.	12/20/1990	12/31/1994	PROPOSED

### Monitoring Stations

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

### Assessment Units

WBIC	Segment	Local Name	Official Name
315300	1	Black Otter Creek	Black Otter Creek
315600	1	Black Otter Lake (Hortonville)	Black Otter Lake (Hortonville)

## Wisconsin Department of Natural Resources SWIMS Project Summary

### 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
Final Report - Wisconsin Lake Management Planning Project Grant - Black Otter Lake - Outagamie, Wisconsin - May 1992	In 1989, Black Otter Lake was drained and 120,000 cubic yards of sediment removed from the lake. This removed about 56% of the sediment in the lake. Since 1982, work has been underway to implement additional strategies such as aeration, BMP implementation and storm water retention basins. This grant further assessed the progress made so far and identified next steps.	David A. Wentland, Coastal Planning and Design, Inc.	05/12/1992	

### Budget

Combined Budgets:  
 Combined SLOH:  
 Combined Total:

### Funding

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