

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** LPL-1239-09

**Name:** COURTE OREILLES LAKE ASSOC.: Lac Courte Oreilles Partnership: Working Lands, Working Waters Roadmap to 2020 ph  
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**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 10/1/2008

**End Date:** 12/31/2012

**Purpose:** COLA ultimate goal is to develop a lake management Plan for Big Courte Oreilles Lake. The plan will address the following problems: 1) Eutrophication; 2) Control and prevention of invasive species; 3) Future treatment and protection options for changing economies and conditions; 4) Adapting to climate change.

This project, phase IV, will utilize data collected from two other planning grants (phase I and II) completed earlier.

The project includes the following goals (Phase IV): 1) Management and Adaption-Define a range of potential future land use and changing climate impact scenarios and potential adaptations including future management practices and critical conservation areas; 2) Integrate Information to Develop Short and Long Term Goals-For the flow network, define numeric goals for protection and rehabilitation, developing short term and long term management and implementation plans for lake protection and rehabilitation, and identify timeline and responsible parties for completion of work elements.

Project deliverables include: Goal 1- Written report, summary modeling and sensitivity analysis; Goal 2-Written committee recommendations (management plan).

Specific conditions for this Project: The WDNR will be provided electronic and hard copies of all data and or reports/plans generated as a result of this project.

**Objective:**

**Comments:** Grantee is COURTE OREILLES LAKE ASSOC.

**Outcome:**

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Lac Courte Oreilles Lakes Asso	GRANT_RECIPIENT	ACTIVE	10/1/2008	12/31/2012	Lac Courte Oreilles Lakes Association Inc (Cola)	

Project Statuses

Date	Reported By	Status	Comments
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Actions

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Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	<p>COLA ultimate goal is to develop a lake management Plan for Big Courte Oreilles Lake. The plan will address the following problems: 1) Eutrophication; 2) Control and prevention of invasive species; 3) Future treatment and protection options for changing economies and conditions; 4) Adapting to climate change.</p> <p>This project, phase IV, will utilize data collected from two other planning grants (phase I and II) completed earlier.</p> <p>The project includes the following goals (Phase IV): 1) Management and Adaption- Define a range of potential future land use and changing climate impact scenarios and potential adaptations including future management practices and critical conservation areas; 2) Integrate Information to Develop Short and Long Term Goals-For the flow network, define numeric goals for protection and rehabilitation, developing short term and long term management and implementation plans for lake protection and rehabilitation, and identify timeline and responsible parties for completion of work elements.</p> <p>Project deliverables include: Goal 1- Written report, summary modeling and sensitivity analysis; Goal 2-Written committee recommendations (management plan).</p>	10/1/2008	12/31/2011	COMPLETE
Lake Management Plan Development	26125501	10/1/2008		PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
2390800	1	Lac Courte Oreilles	Lac Courte Oreilles
2390800	2	Musky Bay	Lac Courte Oreilles

Lab Account Codes

Account Code	Description	Start Date	End Date
LM016	Lake Planning Lab Services	1/1/1960	12/31/2099
LM017	LAKE MANAGEMENT PLANNING GRANTS	1/1/1960	12/31/2099
LM018	LAKE MANAGEMENT PLANNING GRANTS	1/1/1960	12/31/2099

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
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Documents

Title	Description	Author	Published	Comments
COLA Water Quality Goals for Lac Courte Oreilles [Presentation]	Presentation of the main goals of the Courte Oreilles Lakes Association in making a lake management plan addressing: cranberry discharge, changing land use in the LCO watershed, LCO shoreland development and buffer areas, invasive species management, and lake and stream monitoring.	Courte Oreilles Lakes Association		

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Lac Courte Oreilles Lake Management Plan	This report and its companion effort Lac Courte Oreilles Economic Survey and Assessment, have been prepared for the Wisconsin Department of Natural Resources via Lake Planning Grants awarded to the Courte Oreilles Lakes Association (COLA). Key challenges include maintaining forests & waters in an increasingly variable climate with droughts, fires, wet periods, intense storms (damage, erosion and shock loads to lakes and streams) and longer growing seasons. A balance must be achieved between limiting the amount of pollutants flowing into waters and conflicting water uses (e.g. cranberry discharges and development) so the lakes stay healthy and maintain present beneficial uses. This will mean (1) working with the owners to eliminate cranberry operation discharges; (2) enforcement of existing land use ordinances and minimizing variances for nonconforming structures and practices (Losing our lakes: Part 1. Rules skirted and lakes under attack, Minneapolis Star Tribune, July 6, 2010); (3) buffering 100% of the LCO shoreline; (4) installation, and maintenance and oversight of agricultural and forestry Best Management Practices (BMPs); and (5) adopting new low impact development ordinances to treat stormwater from new development runoff on site.	C. Bruce Wilson	2/21/2011	
Lac Courte Oreilles Lake Management Plan [Website]	Website for the Lac Courte Oreilles Lake Management Plan that includes links to implementation updates.	Courte Oreilles Lake Association		

Budget

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

Funding

Organization	Source	Type	Amount	Start Date	End Date
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