

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** LPL-1238-09

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

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

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

**End Date:** 12/31/2010

**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 III, will utilize data collected from two other planning grants (phase I and II) completed earlier.

The project includes the following goals (phase III): 1) Watershed Overview-Assemble and summarize available lake and watershed information to define the COLA flow network, flows and total phosphorus loads for each lake and major bays; 2) Identify Information Gaps-Identify flow and lake, and aquatic plant management data gaps and prioritize efforts for lake association efforts and funding; 3) Collect Social Information-Collect and summarize watershed economic, demographic and governance information including 2020 and or 2030 projections available.

Project deliverables include: 1) Goals 1 and 2- Written report, modeling and executive summary; 2) Goal 3-Written report.

Specific conditions for this Project: 1) The WDNR will be provided electronic and hard copies of all data and or reports/plans generated as a result of this project; 2) Water samples should be submitted to the SLOH.

**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	12/31/2010	Lac Courte Oreilles Lakes Association Inc (Cola)	

Project Statuses

Date	Reported By	Status	Comments
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Actions

## Wisconsin Department of Natural Resources SWIMS Project Summary

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 III, will utilize data collected from two other planning grants (phase I and II) completed earlier.</p> <p>The project includes the following goals (phase III): 1) Watershed Overview-Assemble and summarize available lake and watershed information to define the COLA flow network, flows and total phosphorus loads for each lake and major bays; 2) Identify Information Gaps-Identify flow and lake, and aquatic plant management data gaps and prioritize efforts for lake association efforts and funding; 3) Collect Social Information-Collect and summarize watershed economic, demographic and governance information including 2020 and or 2030 projections available.</p> <p>Project deliverables include: 1) Goals 1 and 2-Written report, modeling and executive summary; 2) Goal 3-Written report.</p>	10/1/2008	12/31/2010	COMPLETE
Lake Management Plan Development	26125498	10/1/2008		PROPOSED

### Monitoring Stations

Station ID	Name	Comments
583068	Lac Court Oreilles - Musky Bay	
583071	Lac Courte Oreilles - Anchor Bay / Grindstone Creek (LCO-5)	
10033394	Lac Courte Oreilles - Center (P9)	
583067	Lac Courte Oreilles - Center Basin (Site C / LCO-3)	
583072	Lac Courte Oreilles - Center Northeast Bay	
583046	Lac Courte Oreilles - Deep Hole (LCO-4)	
10033577	Lac Courte Oreilles - Musky Bay (MB-1)	
10038981	Lac Courte Oreilles - Musky Bay East Cranberry Outlet (MB-2)	
10038983	Lac Courte Oreilles - Musky Bay North Shoreline (MB-4)	
10038982	Lac Courte Oreilles - Musky Bay West Cranberry Outlet (MB-2A)	
583097	Lac Courte Oreilles - Stuckey Bay Deep Hole (LCO-1)	
583066	Lac Courte Oreilles - West Basin - Deep Hole (Site B/LCO-2)	

Wisconsin Department of Natural Resources  
SWIMS Project Summary

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	5/27/2009	6/30/2010

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
7/10/2009 11:45	COMPLETE		10033394	Lac Courte Oreilles - Center (P9)
7/10/2009 12:00	COMPLETE		583066	Lac Courte Oreilles - West Basin - Deep Hole (Site B/LCO-2)
7/10/2009 12:30	COMPLETE		583097	Lac Courte Oreilles - Stuckey Bay Deep Hole (LCO-1)
7/10/2009 13:52	COMPLETE		583068	Lac Court Oreilles - Musky Bay
7/10/2009 14:10	COMPLETE		10038981	Lac Courte Oreilles - Musky Bay East Cranberry Outlet (MB-2)
7/10/2009 14:20	COMPLETE		10038983	Lac Courte Oreilles - Musky Bay North Shoreline (MB-4)
7/10/2009 14:25	COMPLETE		10038982	Lac Courte Oreilles - Musky Bay West Cranberry Outlet (MB-2A)
7/10/2009 15:10	COMPLETE		583071	Lac Courte Oreilles - Anchor Bay / Grindstone Creek (LCO-5)
7/10/2009 15:30	COMPLETE		583072	Lac Courte Oreilles - Center Northeast Bay
7/10/2009 16:00	COMPLETE		10033394	Lac Courte Oreilles - Center (P9)
9/4/2009 11:41	COMPLETE	LCO-NE	583072	Lac Courte Oreilles - Center Northeast Bay
9/4/2009 12:05	COMPLETE	LCO-DEEP	583046	Lac Courte Oreilles - Deep Hole (LCO-4)
9/4/2009 13:10	COMPLETE	LCO-CENTER	10033394	Lac Courte Oreilles - Center (P9)
9/4/2009 13:42	COMPLETE	LCO-W	583066	Lac Courte Oreilles - West Basin - Deep Hole (Site B/LCO-2)
9/4/2009 14:23	COMPLETE	MB-1	10033577	Lac Courte Oreilles - Musky Bay (MB-1)

Documents

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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		
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

7/25/2024

Wisconsin Department of Natural Resources  
SWIMS Project Summary

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

Funding					
Organization	Source	Type	Amount	Start Date	End Date