

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1284-09  
**Name:** LAKE ASSOCIATION OF LONG LAKE, INC: Long Lake Management Planning Project, Phase 1  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 04/01/2009  
**End Date:** 12/31/2010  
**Purpose:** The Lake Association of Long Lake is sponsoring phased large scale lake planning grants to study Long Lake in Florence County with a study completion date of December 31, 2010. The project will focus on developing a Lake Management Plan (LMP) for Long Lake. Phases 1 and 2 were funded in this grant cycle (Feb 2009) and Phase 3 will be submitted for funding in Feb 2010.

Project activities include: 1) Education and Outreach - kick-off weekend meeting, lake fair, kiosk construction, and user survey; 2) Recruit volunteers and implement a CB/CW program and AIS monitoring; 3) Water quality sampling and analysis (secchi, P, Chla, DO, temp, pH, N, and calcium) and sediment sample for P analysis; 4) Point-intercept (PI) aquatic plant survey, analysis and community mapping; 5) Purple loosestrife (PL) assessment, mapping and control; 6) Wildlife Assessment (birds, amphibians and reptiles); 7) Vascular plant assessment and fisheries assessment; 8) Watershed assessment and P load modeling; 9) Develop shoreland protection and restoration (P&R) plan; 10) Develop LMP.

Project deliverables include: 1) User survey, kiosk and shoreland P&R plan; 2) Aquatic plant community and watershed maps; 3) Completed entry of inspection Forms 3200-120 and monitoring Forms 3200-124 onto Dept website; 4) PI, water quality and P modeling data; 5) Two sets of aquatic plant vouchers; 6) LMP.

Specific conditions for this project: 1) Draft of user survey should be submitted to Lakes Management Coordinator for review before sending to public; 2) Vouchers should be submitted to Lakes Management Coordinator as soon as possible after aquatic plant survey; 3) LMP and shoreland P&R plan needs Dept review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) and hard copy of LMP, shoreland P&R plan, user survey, PI data, data and modeling from watershed assessment, all maps from project, all GIS data, and a set of aquatic plant vouchers.

**Objective:**

**Comments:** Grantee is LAKE ASSOCIATION OF LONG LAKE, INC

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Lake Association of Long Lak	GRANT_RECIPII	ACTIVE	04/01/2009	12/31/2010	Lake Association of Long Lake, Inc.	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Monitor Water Quality or Sediment		04/01/2009	12/31/2010	PROPOSED
Habitat Restoration - Shoreland	Shoreland Restoration	04/01/2009	12/31/2010	PROPOSED
Information and Education		04/01/2009	12/31/2010	PROPOSED
Comprehensive Planning Studies	29372251	04/01/2009		PROPOSED

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Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>The Lake Association of Long Lake is sponsoring phased large scale lake planning grants to study Long Lake in Florence County with a study completion date of December 31, 2010. The project will focus on developing a Lake Management Plan (LMP) for Long Lake. Phases 1 and 2 were funded in this grant cycle (Feb 2009) and Phase 3 will be submitted for funding in Feb 2010.</p> <p>Project activities include: 1) Education and Outreach - kick-off weekend meeting, lake fair, kiosk construction, and user survey; 2) Recruit volunteers and implement a CB/CW program and AIS monitoring; 3) Water quality sampling and analysis (secchi, P, Chla, DO, temp, pH, N, and calcium) and sediment sample for P analysis; 4) Point-intercept (PI) aquatic plant survey, analysis and community mapping; 5) Purple loosestrife (PL) assessment, mapping and control; 6) Wildlife Assessment (birds, amphibians and reptiles); 7) Vascular plant assessment and fisheries assessment; 8) Watershed assessment and P load modeling; 9) Develop shoreland protection and restoration (P&amp;R) plan; 10) Develop LMP.</p> <p>Project deliverables include: 1) User survey, kiosk and shoreland P&amp;R plan; 2) Aquatic plant community and watershed maps; 3) Completed entry of inspection Forms 3200-120 and monitoring Forms 3200-124 onto Dept website; 4) PI, water quality and P modeling data; 5) Two sets of aquatic plant vouchers; 6) LMP.</p>	04/01/2009	12/31/2010	COMPLETE
Watershed Mapping or Assessment		04/01/2009	12/31/2010	PROPOSED
Lake Management Plan Development	29372251	04/01/2009		PROPOSED

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
677400	1	Long Lake	Long Lake
677500	1	Long Lake	Un Spring

### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

Form Code	Form Name
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### Methods

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**Method Code**                      **Description**

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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### Documents

Title	Description	Author	Published	Comments
Delineation of Long Lake [Pg 1]			06/28/2011	
Delineation of Long Lake [Pg 2]			06/28/2011	
Final Project Report Lake Association of Long Lake			06/30/2011	

### Budget

**Combined Budgets:**

**Combined SLOH:**

**Combined Total:**

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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