

# Wisconsin Department of Natural Resources SWIMS Project Summary

## General Project Information

**Project ID:** LPL-1068-06

**Name:** CRESCENT LAKE ASSOCIATION: Crescent Lake Management Plan

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 10/1/2005

**End Date:** 12/31/2007

**Purpose:** Crescent Lake Association will conduct a lake/watershed evaluation project and develop a lake management plan. The project includes: 1) water quality sampling (temperature and DO profiles, total phosphorous, and chlorophyll through citizen lake monitoring, nitrates, iron, salts, calcium, and pH) and data analysis 2) aquatic plant survey using point intercept method and development of aquatic plant management (APM) plan following DNR guidelines 3) watershed analysis 4) lakeshore resident survey 5) shoreland assessment 6) development of lake management plan 7) a presentation of study results upon completion of study to Crescent Lake Association, WI DNR and any other interested parties/individuals.

Project deliverables include:

- Detailed analysis of water quality sampling results and Crescent Lake's TSI
- Aquatic plant survey final report with a section on invasive species education and an APM Plan
- Two plant voucher specimens for each plant found in aquatic plant survey - one for WI DNR and one for Crescent Lake Association
- Recommendations for controlling pollutant loading from watershed analysis
- Results and interpretation of lakeshore resident survey and shoreland assessment
- Videotape of Crescent Lake shoreland
- Crescent Lake Management Plan (LMP)

Specific conditions include:

- Project design plans, resident survey questions, APM plan, and LMP need review and approval from Lakes Coordinator before project begins and adoption of final management recommendations.
- Applicant is required to provide a mid-term project update.

DNR Lakes Coordinator will be provided with electronic (pdf) and hard copies of APM plan (2 copies) , Crescent LMP (2 copies), shoreland assessment data form, photos depicting shoreland development (1-5) used in shoreland assessment, shoreland development videotape, raw data in electronic format. Project results will be disseminated to the public via a presentation by Ayres Associates to the Crescent Lake Association.

**Objective:**

**Comments:** Grantee is CRESCENT LAKE ASSOCIATION

**Outcome:**

**Study Design:**

**QA Measures:**

## People

Name	Role	Status	Start Date	End Date	Organization	Comments
Crescent Lake Association, Inc	GRANT_RECIPIENT	ACTIVE	10/1/2005	12/31/2007	Crescent Lake Association, Inc	

## 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
Monitor Water Quality or Sediment	10176034	10/1/2005		PROPOSED
Grant Awarded	Crescent Lake Association will conduct a lake/watershed evaluation project and develop a lake management plan. The project includes: 1) water quality sampling (temperature and DO profiles, total phosphorous, and chlorophyll through citizen lake monitoring, nitrates, iron, salts, calcium, and pH) and data analysis 2) aquatic plant survey using point intercept method and development of aquatic plant management (APM) plan following DNR guidelines 3) watershed analysis 4) lakeshore resident survey 5) shoreland assessment 6) development of lake management plan 7) a presentation of study results upon completion of study to Crescent Lake Association, WI DNR and any other interested parties/individuals.	10/1/2005	12/31/2007	COMPLETE
Grant Awarded	Crescent Lake Association will conduct a lake/watershed evaluation project and develop a lake management plan. The project includes: 1) water quality sampling (temperature and DO profiles, total phosphorous, and chlorophyll through citizen lake monitoring, nitrates, iron, salts, calcium, and pH) and data analysis 2) aquatic plant survey using point intercept method and development of aquatic plant management (APM) plan following DNR guidelines 3) watershed analysis 4) lakeshore resident survey 5) shoreland assessment 6) development of lake management plan 7) a presentation of study results upon completion of study to Crescent Lake Association, WI DNR and any other interested parties/individuals.	10/1/2005		COMPLETE
Lake Management Plan Development	10176034	10/1/2005		PROPOSED
Watershed Mapping or Assessment		10/1/2005	12/31/2007	PROPOSED
Educate and engage residents		10/1/2005	12/31/2007	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
443123	Crescent Lake - Deep Hole - Site B	

### Assessment Units

WBIC	Segment	Local Name	Official Name
1564200	1	Crescent Lake	Crescent Lake

### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

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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
5/17/2006 18:00	COMPLETE		443123	Crescent Lake - Deep Hole - Site B
6/23/2006 14:15	COMPLETE		443123	Crescent Lake - Deep Hole - Site B
7/16/2006 11:00	COMPLETE		443123	Crescent Lake - Deep Hole - Site B
8/18/2006 14:45	COMPLETE	3FT-TOP	443123	Crescent Lake - Deep Hole - Site B
9/16/2006 10:45	COMPLETE		443123	Crescent Lake - Deep Hole - Site B

Documents

Title	Description	Author	Published	Comments
Crescent Lake Aquatic Plant Management Plan		Ayres Associates	5/1/2009	
Crescent Lake Management Report		Ayres Associates	5/1/2009	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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