

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: 10/01/2005
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, Ir	GRANT_RECIP	ACTIVE	10/01/2005	12/31/2007	Crescent Lake Association, Inc	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Watershed Mapping or Assessment		10/01/2005	12/31/2007	PROPOSED

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Action	Detailed Description	Start	End Date	Status
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.	10/01/2005		COMPLETE
Monitor Water Quality or Sediment	10176034	10/01/2005		PROPOSED
Educate and engage residents		10/01/2005	12/31/2007	PROPOSED
Lake Management Plan Development	10176034	10/01/2005		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.	10/01/2005	12/31/2007	COMPLETE

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

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
05/17/2006 18:00	COMPLETE		443123	Crescent Lake - Deep Hole - Site B
06/23/2006 14:15	COMPLETE		443123	Crescent Lake - Deep Hole - Site B
07/16/2006 11:00	COMPLETE		443123	Crescent Lake - Deep Hole - Site B
08/18/2006 14:45	COMPLETE	3FT-TOP	443123	Crescent Lake - Deep Hole - Site B
09/16/2006 10:45	COMPLETE		443123	Crescent Lake - Deep Hole - Site B

Documents

Title	Description	Author	Published	Comments
Crescent Lake Aquatic Plant Management Plan		Ayres Associates	05/01/2009	
Crescent Lake Management Report		Ayres Associates	05/01/2009	

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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