

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL167318

Name: MARQUETTE COUNTY: Crystal Lake Management Planning

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 2/15/2018

End Date: 12/31/2020

Purpose: Marquette County is sponsoring a project to develop a Comprehensive Lake Management Plan for Crystal Lake.

Project final deliverables include: all data collected, agendas and minutes for planning meetings, and a lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan.

Specific project activities include: 1) Water quality and watershed analysis / modeling, 2) Fisheries assessment; 3) Aquatic plant surveys; 4) Dreissena mussel monitoring 5) Conduct sociologic survey; 6) Shoreline and coarse woody habitat assessment, 7) Public meetings and 8) development of Comprehensive LMP & obtain DNR approval.

Special Conditions: 1) All data shall be entered into the SWIMS database; 2) Draft sociological/user surveys must be reviewed and approved by the Department before being initiated.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps, and digital images, must be submitted to the Department in a format specified by the regional Lake Biologist.

Consultant final report: it is recommended that Grantee provide DNR Lake Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. DNR to receive both paper and electronic .pdf copies of the final report along with, or prior to submission of grantee's final payment request.

Objective:

Comments: Grantee is MARQUETTE COUNTY

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments

Project Statuses			
Date	Reported By	Status	Comments

Actions

Wisconsin Department of Natural Resources
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Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	<p>Marquette County is sponsoring a project to develop a Comprehensive Lake Management Plan for Crystal Lake.</p> <p>Project final deliverables include: all data collected, agendas and minutes for planning meetings, and a lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan.</p> <p>Specific project activities include: 1) Water quality and watershed analysis / modeling, 2) Fisheries assessment; 3) Aquatic plant surveys; 4) Dreissena mussel monitoring 5) Conduct sociologic survey; 6) Shoreline and coarse woody habitat assessment, 7) Public meetings and 8) development of Comprehensive LMP & obtain DNR approval.</p> <p>Special Conditions: 1) All data shall be entered into the SWIMS database; 2) Draft sociological/user surveys must be reviewed and approved by the Department before being initiated.</p>	2/15/2018	6/30/2020	COMPLETE

Monitoring Stations

Station ID	Name	Comments
10047505	Crystal Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
157300	1	Crystal Lake	Crystal 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

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
8/28/2018 10:45	COMPLETE	CLS-AUGUST-S	10047505	Crystal Lake - Deep Hole

Documents

Wisconsin Department of Natural Resources
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Title	Description	Author	Published	Comments
Crystal Lake Comprehensive Lake Management Plan		Todd Hanke, Paul Garrison, Heather Lutzow, and Tim Hoyman	7/1/2020	
Crystal Lake Comprehensive Lake Management Plan Maps		Todd Hanke, Paul Garrison, Heather Lutzow and Tim Hoyman	7/1/2020	
Crystal Lake Comprehensive Lake Management Plan Appendices		Todd Hanke, Paul Garrison, Heather Lutzow, and Tim Hoyman	7/1/2020	

Budget

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

Funding

Organization	Source	Type	Amount	Start Date	End Date
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