

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL160616

**Name:** LAKE BEULAH MANAGEMENT DISTRICT: Lake Beulah P/I Survey and APM Plan Update

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 2/15/2016

**End Date:** 6/30/2017

**Purpose:** The Lake Beulah Management District is sponsoring a project to update their aquatic plant management plan.

Project final deliverables: Entry of all data collected into an Excel spreadsheet and an updated APM plan.

Specific project activities: 1) Completion of an approximately 996 point intercept plant survey; 2) entry of results into an Excel spreadsheet; 3) a report with summary tables and maps; 4) upload Excel spreadsheet into SWIMS.

Special Conditions: The report should contain: 1) Summary tables listing plants found, # sites found, overall % frequency of occurrence, % relative frequency of occurrence, overall average density rating; 2) Discussion explaining what the results mean and an overall assessment of the lake plant community; 3) Distribution maps for each exotic species and the top 5-7 native plants (using P/I points); 4) A map imposed on an air photo denoting the harvester cutting paths and areas (in color); 5) Discussion of harvesting logistics- proposed location of off load site(s) and disposal site, map of disposal site, road map showing the disposal site, how often to cut, how deep to cut, how wide to cut; 6) A brief discussion regarding the typical shore pickup schedule; and 7) A table summarizing APM options/action items.

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.

If consultant is to provide 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 LAKE BEULAH MANAGEMENT DISTRICT

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Lake Beulah Management Distric	GRANT_RECIPIENT	ACTIVE	4/18/2016		Lake Beulah Management District	

### 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>The Lake Beulah Management District is sponsoring a project to update their aquatic plant management plan.</p> <p>Project final deliverables: Entry of all data collected into an Excel spreadsheet and an updated APM plan.</p> <p>Specific project activities: 1) Completion of an approximately 996 point intercept plant survey; 2) entry of results into an Excel spreadsheet; 3) a report with summary tables and maps; 4) upload Excel spreadsheet into SWIMS.</p> <p>Special Conditions: The report should contain: 1) Summary tables listing plants found, # sites found, overall % frequency of occurrence, % relative frequency of occurrence, overall average density rating; 2) Discussion explaining what the results mean and an overall assessment of the lake plant community; 3) Distribution maps for each exotic species and the top 5-7 native plants (using P/I points); 4) A map imposed on an air photo denoting the harvester cutting paths and areas (in color); 5) Discussion of harvesting logistics- proposed location of off load site(s) and disposal site, map of disposal site, road map showing the disposal site, how often to cut, how deep to cut, how wide to cut; 6) A brief discussion regarding the typical shore pickup schedule; and 7) A table summarizing APM options/action items.</p>	2/15/2016	12/31/2016	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
766600	1	Beulah Lake	Lake Beulah

### 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
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## Wisconsin Department of Natural Resources SWIMS Project Summary

### Documents

Title	Description	Author	Published	Comments
Aquatic Plant Management Plan - Lake Beulah, Walworth County	Update for Harvesting Permit Renewal. The Lake Beulah Management District (LBMD) wishes to pursue aquatic plant harvesting for the conditional control of Eurasian Watermilfoil (EWM).	Lake and Pond Solutions Co.	1/1/2017	

### Budget

**Combined Budgets:**

**Combined WSLH:**

**Combined Total:**                    \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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