

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL178921

Name: BURNETT COUNTY LAND CONSERVATION DEPARTMENT: SWE-Understanding Big Doctor Lake Water Quality

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 3/15/2021

End Date: 12/31/2022

Purpose: Burnett Co is sponsoring a study to understand Big Doctor Lake water quality and educate lake residents. Targeted studies will identify alum needed for internal load treatment, provide cost estimate, identify algae species, & understand phosphorous loading from adjacent wetlands.
Project final deliverables include:

1. Final Report summarizing accomplishments/progress including all data collected, algae id, phos. analysis, sediment analysis, outreach activities with agendas/minutes and mailings.
2. Report containing figures & table describing Alum dose estimation, application area, timetable, and approximate costs.
3. Results of studies and alum treatment feasibility recommendations shared with lake association, Burnett Co and DNR.
4. Management Plan updates as necessary.
5. Electronic copies of reports are to be submitted. 6. Related materials generated or paid for by this grant.

Specific project activities include:
Project will assess phosphorous sources and levels within lake and wetlands. Present algae identified and influence examined. Alum treatment feasibility & recommendations will be generated. Management Plan updates may be created.
Special Conditions: 2020 Big Doctor Lake Management Plan submitted for WDNR review in Dec 2020 following Nov 2020 public review. 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 BURNETT COUNTY LAND CONSERVATION DEPARTMENT

Outcome:**Study Design:****QA Measures:**

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Burnett County Land and Water	TEAM_MEMBER	ACTIVE	5/4/2021		Burnett County Land and Water Conservation Dept	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant LPL178921 awarded	3/15/2021	12/31/2022	COMPLETE

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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
2453400	1	Big Doctor Lake	Big Doctor 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
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Documents

Title	Description	Author	Published	Comments
LPL 1789 21_Final Report_Alum Strategy_2022	Aluminum sulfate dosage and application strategies for Big Doctor Lake, Wisconsin.	Aquatic Restoration and Research	3/15/2022	
LPL 1789 21_Final Report_Summary_2021	Summary of Big Doctor Lake water quality and alum dosage study.		1/1/2021	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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8/28/2024

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