

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL177921  
**Name:** NORTH LAKE MANAGEMENT DISTRICT: Grant A: Wave Propagation Differences Among Powered Vessels  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** ACTIVE  
**Start Date:** 03/15/2021  
**End Date:** 12/31/2022  
**Purpose:** The North Lake Management District is sponsoring a project to study the impact of boat wake propagation (amplitude, frequency and origin) on shorelines and lake sediment.

Project final deliverables include: a whitepaper research report, and excel spreadsheets containing all data collected for the study.

Specific project activities include: 1) Measurement of waves caused by boat wakes; 2) Drone photography twice a week for 18 weeks; 3) Compilation of boat traffic conditions during drone photography; and 4) Compilation of weather during drone photography.

Special Conditions: 1) All data shall be entered into the SWIMS database.

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 NORTH LAKE MANAGEMENT DISTRICT

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
North Lake Management Dis	TEAM_MEMBER	ACTIVE	04/28/2021		North Lake Management District	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Grant Awarded	Grant LPL177921 awarded	03/15/2021	12/31/2021	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
848200	1	Oconomowoc River	Oconomowoc River

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WBIC	Segment	Local Name	Official Name
850800	1	North Lake	North Lake
851100	1	Mason Creek	Mason Creek

### 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	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
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### Budget

Combined Budgets:  
Combined SLOH:  
Combined Total:

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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