

# Wisconsin Department of Natural Resources SWIMS Project Summary

## General Project Information

**Project ID:** AEPP50517

**Name:** LOST LAKE PROTECTION & REHAB DISTRICT: Lost Lake Management Plan

**Type:** Aquatic Invasives Grant

**Subtype:** Aquatic Invasives Education

**Status:** COMPLETE

**Start Date:** 2/15/2017

**End Date:** 6/30/2020

**Purpose:** Lost Lake P&R District is sponsoring a project which will focus on developing a Lake Management Plan (LMP) for Lost Lake.

Project activities include: 1) Stakeholder participation \2013 stakeholder survey, planning meetings (up to 2), kick-off meeting, wrap-up meeting, news release(s), and newsletter article; 2) Water quality sampling and analysis; 3) Watershed assessment and P load modeling; 4) Fisheries, Shoreline, and Coarse Woody Habitat assessment; 5) Professional Dreissena monitoring; 6) Aquatic plant surveys (PI survey, acoustic survey, community mapping, and substrate mapping); 7) Data analysis; 8) Develop LMP.

Project deliverables include: 1) Stakeholder survey, news release(s), and newsletter article; 2) Water chemistry data; 3) Watershed maps and modeling data; 4) PI, shoreland and woody habitat data; 5) Aquatic plant community, acoustic and substrate maps; 6) Aquatic plant vouchers; 7) LMP.

Specific conditions for this project: 1) Draft of stakeholder survey needs Dept review and approval; 2) Draft of LMP needs Dept review and approval.

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) copy of LMP, news release(s), newsletter article, stakeholder survey, data from PI survey, acoustic survey, shoreland assessment, woody habitat assessment, watershed assessment and water quality sampling, all maps from project, all GIS data, and aquatic plant vouchers.

**Objective:**

**Comments:** Grantee is LOST LAKE PROTECTION & REHAB DISTRICT

**Outcome:**

**Study Design:**

**QA Measures:**

## People

Name	Role	Status	Start Date	End Date	Organization	Comments
Lost Lake Protection & Rehabil	GRANT_RECIPIENT	ACTIVE	5/10/2017		Lost Lake Protection & Rehabilitation District	
Ulett, Jim	APPLICANT	ACTIVE	5/10/2017			

## Project Statuses

Date	Reported By	Status	Comments
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## Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant AEPP50517 awarded	2/15/2017	6/30/2019	COMPLETE

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Monitoring Stations

Station ID	Name	Comments
643081	Lost Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
1593400	1	Lost Lake	Lost 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
4/25/2017 7:15	COMPLETE	LSTB	643081	Lost Lake - Deep Hole
4/25/2017 7:15	COMPLETE	LSTS	643081	Lost Lake - Deep Hole
6/28/2017 10:15	COMPLETE	LSTB	643081	Lost Lake - Deep Hole
6/28/2017 10:15	COMPLETE	LSTS	643081	Lost Lake - Deep Hole
7/26/2017 8:30	COMPLETE	LSTB	643081	Lost Lake - Deep Hole
7/26/2017 8:30	COMPLETE	LSTS	643081	Lost Lake - Deep Hole
8/29/2017 10:30	COMPLETE	LSTB	643081	Lost Lake - Deep Hole
8/29/2017 10:30	COMPLETE	LSTS	643081	Lost Lake - Deep Hole
10/17/2017 13:45	COMPLETE	LSTB	643081	Lost Lake - Deep Hole
10/17/2017 13:45	COMPLETE	LSTS	643081	Lost Lake - Deep Hole

Documents

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Title	Description	Author	Published	Comments
Lost Lake, Vilas County, Comprehensive Management Plan	At the time of this report, the most current orthophoto (aerial photograph) was from the National Agriculture Imagery Program (NAIP), collected in the summer of 2015. Based on heads-up digitizing the water level from that aerial photograph, this lowland drainage lake was determined to be 553 acres. According to a 2017 acoustic survey of the lake, Lost Lake has a maximum depth of 24 feet and a mean depth of 11 feet. This eutrophic lake has a relatively large watershed when compared to the size of the lake. Lost Lake contains 34 native plant species, of which slender naiad (Najas flexilis) is the most common plant. Two exotic plant species are known to exist in Lake Lost, Eurasian watermilfoil and curly-leaf pondweed.	Onterra, LLC	9/1/2019	
Lost Lake, Vilas County, Comprehensive Management Plan - Appendices	Appendix A thru G	Onterra, LLC	9/1/2019	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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