

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL164517  
**Name:** TOWN OF PHELPS: Comprehensive Lake Management Planning for Smokey Lake  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 02/15/2017  
**End Date:** 06/30/2020  
**Purpose:** The Town of Phelps is sponsoring a LPL grant to study Smokey Lake, in Vilas County. The project will focus on developing a Lake Management Plan (LMP).

Project activities include: 1) Citizen participation \2013 stakeholder survey and planning meetings (2-4); 2) Water quality sampling and analysis; 3) Updated bathymetry map; 4) Watershed assessment; 5) Shoreland and Coarse Woody Habitat assessment; 6) Collect and synthesize existing lake data; 7) Aquatic plant surveys (PI survey, community mapping and substrate mapping); 8) Data analysis; 9) Develop LMP.

Project deliverables include: 1) Stakeholder survey and bathymetry map; 2) Water chemistry data; 3) Watershed maps and modeling data; 4) PI, shoreland and woody habitat data; 5) Aquatic plant community and AIS 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, stakeholder survey, bathymetry map, data from PI 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 TOWN OF PHELPS

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Town of Phelps,	GRANT_RECIPII	ACTIVE	05/10/2017		Town of Phelps	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
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Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>The Town of Phelps is sponsoring a LPL grant to study Smoky Lake, in Vilas County. The project will focus on developing a Lake Management Plan (LMP).</p> <p>Project activities include: 1) Citizen participation - stakeholder survey and planning meetings (2-4); 2) Water quality sampling and analysis; 3) Updated bathymetry map; 4) Watershed assessment; 5) Shoreland and Coarse Woody Habitat assessment; 6) Collect and synthesize existing lake data; 7) Aquatic plant surveys (PI survey, community mapping and substrate mapping); 8) Data analysis; 9) Develop LMP.</p>	02/15/2017	12/31/2018	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
643104	Smoky Lake - Deep Hole	

### Assessment Units

WBIC	Segment	Local Name	Official Name
1018300	1	Smoky Lake	Smoky Lake
1018300	2	Smoky Lake	Smoky 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	Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
07/27/2017 15:40	COMPLETE	SMOKY WQ	643104	Smoky Lake - Deep Hole
08/28/2017 14:40	COMPLETE	SMOKY DEEP HOLE	643104	Smoky Lake - Deep Hole
09/15/2017 15:30	COMPLETE	SMOKY DEEP HOLE	643104	Smoky Lake - Deep Hole

### Documents

Title	Description	Author	Published	Comments
Smoky Lake Vilas County, WI & Iron County, MI Comprehensive Lake Management Plan	The ultimate goal for this project is to understand the current ecological condition of Smoky Lake and develop actions that support its aesthetic qualities and ecosystem health over time. Supporting goals include identifying ecological threats and	Many Waters, LLC	12/01/2019	

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Title	Description	Author	Published	Comments
Smoky Lake Vilas County, WI & Iron County, MI Comprehensive Lake Management Plan Appendices	formulating responses to them; maintaining high quality aesthetic and recreational opportunities; engaging and educating the lake community; and developing actions that conserve native species and their habitats. Smoky Lake Covenants, Historical Water Quality and Lake Habitat Data, WSLH Laboratory Reports, WDNR Presto Report Smoky Lake, Aquatic Plant Survey Data, Floating Leaf and Emergent Plant Community Mapping, WDNR Aquatic Plant Monitoring Workbook, Eurasian Watermilfoil Mapping 2013-2018, Historical Fisheries Data, Summary of Steering Committee Meetings, Lake Owner Survey, Responses to WDNR Comments on Plan Draft - Educational Action Items	Many Waters, LLC	01/01/2019	

**Budget**

**Combined Budgets:**  
**Combined SLOH:**  
**Combined Total:**

**Funding**

Organization	Source	Type	Amount	Start Date	End Date
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