

# Wisconsin Department of Natural Resources SWIMS Project Summary

## General Project Information

**Project ID:** LPL163717

**Name:** WHITE CLAY LAKE PROTECTION AND REHAB DIST: White Clay Lake Management Plan

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

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

**End Date:** 12/31/2019

**Purpose:** WCLPRD is sponsoring a project to develop a Comprehensive Management Plan in the time span of Feb. 2017 \2013 Dec. 2019. The project elements and deliverables are specified in the WCLPRD Grant application dated Dec. 10, 2016.

Project final deliverables include:

- 1) Watershed and Water Quality Analysis: Using WISCALM and WiLMS (below), water quality data will be evaluated for potential issues of nutrient loadings and excessive algae growth. The current and long-term trophic state will be determined. An evaluation of the WCL Watershed will be completed using data from the SWAT Model for the Upper Fox & Wolf River Watershed TMDL. SWAT results will provide external phosphorus (P) loading and a lake P budget will estimate in-lake P sources. P reduction targets will be generated for the watershed & in-lake sources.
- 2) Shoreline Course Woody Habitat Assessment, using DNR protocol (Brenda Nordin will provide)
- 3) Aquatic Plant Community Assessment- #3 below
- 4) Socioeconomic Survey, using DNR protocol- #4 below
- 5) Kickoff, second, and final meeting

Specific project activities include:

- 1) Water quality using WisCALM comparisons <http://dnr.wi.gov/topic/surfacewater/assessments.html>
- 2) Groundwater modeling using GFlow Model
- 3) Conduct Point Intercept survey consistent with DNR Protocol <http://www.uwsp.edu/cnr-ap/UWEXLakes/Documents/ecology/Aquatic%20Plants/PI-Protocol-2010.pdf> 30
- 4) Completion of WDNR-approved survey using DNR protocol <http://intranet.dnr.state.wi.us/int/es/science/socialmanual.htm>
- 5) Shoreline and course Woody Habitat Assessment per DNR protocol.
- 6) Project will produce a comprehensive management plan compliant with NR 191.45 [https://docs.legis.wisconsin.gov/code/admin\\_code/nr/100/191/V/45](https://docs.legis.wisconsin.gov/code/admin_code/nr/100/191/V/45)

Special Conditions:

- 1) CLMN efforts should not be duplicated and these data shall be included in the trends analysis and final reporting;
- 2) All CLMN shall be entered into the SWIMS database.

**Objective:**

**Comments:** Grantee is WHITE CLAY LAKE PROTECTION AND REHAB DIST

**Outcome:**

**Study Design:**

**QA Measures:**

## People

Name	Role	Status	Start Date	End Date	Organization	Comments
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## 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>WCLPRD is sponsoring a project to develop a Comprehensive Management Plan in the time span of Feb. 2017 \2013 Dec. 2019. The project elements and deliverables are specified in the WCLPRD Grant application dated Dec. 10, 2016.</p> <p>Project final deliverables include:            1) Watershed and Water Quality Analysis: Using WISCALM and WiLMS (below), water quality data will be evaluated for potential issues of nutrient loadings and excessive algae growth. The current and long-term trophic state will be determined. An evaluation of the WCL Watershed will be completed using data from the SWAT Model for the Upper Fox &amp; Wolf River Watershed TMDL. SWAT results will provide external phosphorus (P) loading and a lake P budget will estimate in-lake P sources. P reduction targets will be generated for the watershed &amp; in-lake sources.            2) Shoreline Course Woody Habitat Assessment, using DNR protocol (Brenda Nordin will provide)            3) Aquatic Plant Community Assessment- #3 below            4) Socioeconomic Survey, using DNR protocol- #4 below            5) Kickoff, second, and final meeting.</p>	2/15/2017	12/31/2019	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
325800	1	Pickereel Creek	Pickereel Creek
326400	1	White Clay Lake	White Clay Lake
5013017	1	Unnamed	Unnamed

### 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

Wisconsin Department of Natural Resources  
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Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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