

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1569-15

**Name:** PICKEREL CHAIN LAKES ASSOCIATION: Pickerel Chain Mngt Plan, Pickerel Lake Phase

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 2/15/2015

**End Date:** 6/30/2017

**Purpose:** The Pickerel Chain Lake Association proposes to complete a Comprehensive Management Plan on Pickerel Lake during the period 2015-2017. The project elements and deliverables are specified in the Pickerel Chain Lake Association\2019s Lake Protection Grant application, dated December 9, 2014.  
The elements of the grant project include:(a) An assessment of the lake's historical water quality, including at least one year of current base line limnological data. (b) An identification of the water quality problems or threats to lake water quality including degradation of fish habitat and wetlands caused by nonpoint sources of pollution in the watershed. (c) An assessment of the lake's fishery and aquatic habitat including the extent of the lake area covered by aquatic plants and a characterization of the shoreline habitat and any known ecological relationships. (d) An identification of the need for the protection and enhancement of fish and wildlife habitat, endangered resources, aesthetics or other natural resources. (e) An assessment of the lake's watershed including: 1. A description of land uses listing each land use classification as a percentage of the whole and an estimate of the amount of nonpoint pollution loading produced by each category. 2. Identification and ranking of the most significant nonpoint source types and contributing areas. 3. A listing of known point sources of pollution affecting the lake or that have affected the lake. 4. A characterization of the habitat conditions and any known ecological relationships.  
NR 191.45(2)(f) (f) thru NR 191.45(2)(f)(N)  
The project also includes conducting Point Intercept surveys using the DNR Aquatic Plant Treatment Evaluation Protocol <http://www4.uwsp.edu/cnr/uwexlakes/ecology/APM/Appendix-D.pdf> , in addition to lake bathymetry mapping.

**Objective:****Comments:** Grantee is PICKEREL CHAIN LAKES ASSOCIATION**Outcome:****Study Design:****QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Hanke, Todd	TEAM_MEMBER	ACTIVE	2/15/2015		Onterra, LLC	
Nordin, Brenda L	COORDINATOR	ACTIVE	2/15/2015		Wisconsin DNR	
Pickerel Chain Lake Associatio	GRANT_RECIPIENT	ACTIVE	2/15/2015		Pickerel Chain Lake Association (PCLA)	

### 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	The Pickerel Chain Lake Association proposes to complete a Comprehensive Management Plan on Pickerel Lake during the period 2015-2017. The project elements and deliverables are specified in the Pickerel Chain Lake Association\2019s Lake Protection Grant application, dated December 9, 2014. The elements of the grant project include:(a) An assessment of the lake's historical water quality, including at least one year of current base line limnological data. (b) An identification of the water quality problems or threats to lake water quality including degradation of fish habitat and wetlands caused by nonpoint sources of pollution in the watershed. (c) An assessment of the lake's fishery and aquatic habitat including the extent of the lake area covered by aquatic plants and a characterization of the shoreline habitat and any known ecological relationships. (d) An identification of the need for the protection and enhancement of fish and wildlife habitat, endangered resources, aesthetics or other natural resources. (e) An assessment of the lake's watershed including: 1. A description of land uses listing each land use classification as a percentage of the whole and an estimate of the amount of nonpoint pollution loading produced by each category. 2. Identification and ranking of the most significant nonpoint source types and contributing areas. 3. A listing of known point sources of pollution affecting the lake or that have affected the lake. 4. A characterization of the habitat conditions and any known ecological relationships.	2/15/2015	6/30/2017	COMPLETE
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	2/15/2015	6/30/2017	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
244002	Grand Lake - Grand Lake	
10044562	Grand Lake - Near Dam	
243056	Lake Puckaway - East Mid-Basin	
10043373	Little Pickerel Lake - Deep Hole	
433248	Pickerel Lake - Deepest Part	
243039	Puckaway Lake - Deep Hole - West Basin Site 2	
10043374	Smoke Lake - Deep Hole	

### Assessment Units

WBIC	Segment	Local Name	Official Name
158700	1	Puckaway Lake	Puckaway Lake

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161100	1	Grand Lak (Millpond)	Grand Lake (Millpond)
427500	1	Smoke Lake	Smoke Lake
474900	1	Pickerel Lake	Pickerel Lake
475000	1	Little Pickerel Lake	Little Pickerel Lake

### Lab Account Codes

Account Code	Description	Start Date	End Date
LM021	LAKE MANAGEMENT PLANNING GRANTS	3/26/2014	6/30/2015
LM022	LAKE MANAGEMENT PLANNING GRANTS	3/27/2015	6/30/2016

### 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
4/14/2015 10:00	COMPLETE	PLB	433248	Pickerel Lake - Deepest Part
4/14/2015 10:00	COMPLETE	PLS	433248	Pickerel Lake - Deepest Part
6/11/2015 9:05	COMPLETE	PLB	433248	Pickerel Lake - Deepest Part
6/11/2015 9:05	COMPLETE	PLS	433248	Pickerel Lake - Deepest Part
7/13/2015 13:50	COMPLETE	PLS	433248	Pickerel Lake - Deepest Part
7/13/2015 14:15	COMPLETE	PLB	433248	Pickerel Lake - Deepest Part
8/27/2015	COMPLETE		433248	Pickerel Lake - Deepest Part
8/27/2015 9:45	COMPLETE	PLB	433248	Pickerel Lake - Deepest Part
8/27/2015 9:45	COMPLETE	PLS	433248	Pickerel Lake - Deepest Part
8/27/2015 11:00	COMPLETE	LPLB	10043373	Little Pickerel Lake - Deep Hole
8/27/2015 11:45	COMPLETE	SLS	10043374	Smoke Lake - Deep Hole
10/27/2015 9:40	COMPLETE	PLB	433248	Pickerel Lake - Deepest Part
10/27/2015 9:40	COMPLETE	PLS	433248	Pickerel Lake - Deepest Part
2/16/2016 11:00	COMPLETE	PLB	433248	Pickerel Lake - Deepest Part
2/16/2016 11:00	COMPLETE	PLS	433248	Pickerel Lake - Deepest Part
6/28/2016 12:40	COMPLETE	GLDHS	244002	Grand Lake - Grand Lake
6/28/2016 13:20	COMPLETE	GLNDS	10044562	Grand Lake - Near Dam
6/28/2016 13:40	COMPLETE	PULMBS	243056	Lake Puckaway - East Mid-Basin
6/28/2016 14:13	COMPLETE	PULDHS	243039	Puckaway Lake - Deep Hole - West Basin Site 2

### Documents

## Wisconsin Department of Natural Resources SWIMS Project Summary

Title	Description	Author	Published	Comments
Pickerel Chain of Lakes Comprehensive Management Plan Draft	A draft for the comprehensive management plan of the Pickerel Chain of Lakes in Oconto County. The Pickerel Chain of Lakes includes: Pickerel Lake, Little Pickerel Lake, and Smoke Lake. These lakes feed into Pickerel Creek, this creek eventually meets up with the North Branch of the Oconto River.	Tim Hoyman, Emily Henrigillis, Todd Hanke & Brenton Butterfeild	11/1/2016	
Pickerel Chain of Lakes Management Planning Project Meeting Slides	Appendix for the Pickerel Chain of Lakes Management Project Kick-off Meeting. Many of the documents included appear to slides from a presentation given at the kick-off meeting.	Dan Cibulka	7/25/2015	

### Budget

**Combined Budgets:**

**Combined WSLH:**

**Combined Total:**                    \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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