

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1560-15  
**Name:** LAKE PUCKAWAY PROTECTION & REHAB DISTRICT: Lake Puckaway Comprehensive Management Plan  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 02/15/2015  
**End Date:** 12/31/2016  
**Purpose:** Lake Puckaway Protection and Rehabilitation District is sponsoring a large scale planning grant focused on updating and rewriting sections of their lake management plan.  
 Project activities include: Phosphorus loading using WiLMS, Shoreline survey, Course woody debris survey, Water quality assessment, Various aquatic plant surveys, Stakeholder survey  
 Project deliverables include: Comprehensive Lake Management Plan including the following: Research and review past data and relevant lake management records, Phosphorus loading estimates from watershed (WiLMS), Scenarios developed to assess how changes in watershed would impact water quality, Internal load estimates, Shoreline survey, Map delineating the integrity of the shoreline from water\2019s edge to about 35\2019 shoreward, Coarse woody debris map, Water quality assessment, Sample collection following WDNR long term trend monitoring protocol, Chemistry analysis, Dissolved oxygen and temperature profiles, Carlson TSI, Aquatic plant surveys, Early season AIS survey, Point Intercept survey, EWM peak-biomass survey, Aquatic plant community mapping survey, Maps/raw data for all surveys, Comparison with past surveys, Web-based stakeholder survey, Survey results, Develop a water level management plan, Plan must consider the potential new dam that may be constructed, Frequency, degree and duration of drawdowns, Recommendations based on best possible science and stakeholder input, Management, protection, enhancement alternatives and recommendations, Set tangible and realistic management goals, Identify possible ecological restorative projects, Identify possible funding sources.  
 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 coordinator. Final plan needs Department review and approval.

**Objective:**  
**Comments:** Grantee is LAKE PUCKAWAY PROTECTION & REHAB DISTRICT  
**Outcome:**  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Johnson, Theodore M	COORDINATOR	ACTIVE	02/15/2015		Wisconsin DNR	
Puckaway P&R District,	GRANT_RECII	ACTIVE	02/15/2015		Puckaway P&R District	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	02/15/2015	12/31/2016	PROPOSED
Grant Awarded	Lake Puckaway Protection and Rehabilitation District is sponsoring a large scale planning grant focused on updating and rewriting sections of their lake management plan. Project activities include: Phosphorus loading using WiLMS, Shoreline survey, Course woody debris survey, Water quality assessment, Various aquatic plant surveys, Stakeholder survey.	02/15/2015	12/31/2016	COMPLETE

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### Monitoring Stations

Station ID	Name	Comments
243056	Lake Puckaway - East Mid-Basin	
243039	Puckaway Lake - Deep Hole - West Basin Site 2	

### Assessment Units

WBIC	Segment	Local Name	Official Name
158700	1	Puckaway Lake	Puckaway 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
04/15/2015 11:15	COMPLETE	PULDHS	243039	Puckaway Lake - Deep Hole - West Basin Site 2
04/15/2015 12:20	COMPLETE	PULMBS	243056	Lake Puckaway - East Mid-Basin
06/15/2015 13:15	COMPLETE	PULMBS	243056	Lake Puckaway - East Mid-Basin
06/15/2015 14:15	COMPLETE	PULDHS	243039	Puckaway Lake - Deep Hole - West Basin Site 2
07/21/2015 14:45	COMPLETE	PULDHS	243039	Puckaway Lake - Deep Hole - West Basin Site 2
07/21/2015 15:45	COMPLETE	PULMBS	243056	Lake Puckaway - East Mid-Basin
09/01/2015	COMPLETE		243056	Lake Puckaway - East Mid-Basin
09/01/2015 09:00	COMPLETE	PULMBS	243056	Lake Puckaway - East Mid-Basin
09/01/2015 09:15	COMPLETE	PULDHS	243039	Puckaway Lake - Deep Hole - West Basin Site 2
10/14/2015 11:05	COMPLETE	PULMBS	243056	Lake Puckaway - East Mid-Basin
10/14/2015 11:30	COMPLETE	PULDHS	243039	Puckaway Lake - Deep Hole - West Basin Site 2
02/17/2016 12:45	COMPLETE	PULDHS	243039	Puckaway Lake - Deep Hole - West Basin Site 2
02/17/2016 13:15	COMPLETE	PULMBS	243056	Lake Puckaway - East Mid-Basin

### Documents

Title	Description	Author	Published	Comments
Lake Puckaway Comprehensive Management Plan - Draft [Website]	Website containing links to different sections of the draft of the comprehensive lake management plan for Lake Puckaway.	Onterra, LLC	03/01/2017	

### Budget

**Combined Budgets:**

**Combined SLOH:**

**Combined Total:**

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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