

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL170819  
**Name:** BIG ROUND LAKE PROTECTION AND REHAB DISTRICT: Big Round Lake Aquatic Plant MP & Phosphorus Study  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 02/15/2019  
**End Date:** 06/30/2020  
**Purpose:** Activities: In-lake chemistry monitoring, tributary chemistry and flow monitoring, sediment phosphorus monitoring, nutrient budget development, aquatic plant management plan development

Project deliverables include: water quality and flow data entered in SWIMS; internal load and nutrient budget report; aquatic plant management plan

Specific project conditions: WDNR\2019s Aquatic Plant Management in Wisconsin guidance shall be followed for aquatic plant management plan development. The NOR Native Plant Protection Strategy shall be integrated into the APM plan. This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. The grant sponsor shall submit all data, records, and reports, including GIS-based maps and digital images, to the Department in a format specified by the regional Lakes Biologist.

**Objective:**  
**Comments:** Grantee is BIG ROUND LAKE PROTECTION AND REHAB DISTRICT  
**Outcome:**  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Big Round Lake Protection &	GRANT_RECIP	ACTIVE	06/11/2019		Big Round Lake Protection & Rehabilitation Distric	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Grant Awarded	Grant LPL170819 awarded	02/15/2019	06/30/2020	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
2627400	1	Big Round Lake	Big Round 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
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**Documents**

Title	Description	Author	Published	Comments
Aquatic Plant Management Plan for Big Round Lake - Polk County, Wisconsin 2019-2023	Although a comprehensive lake plan is in effect from 2016 through 2025, this aquatic plant management plan (APMP) was initiated to focus on curly-leaf pondweed, phosphorus loading, and algae blooms. The Big Round Lake Protection & Rehabilitation District (District) was formed in 1967 and is the entity sponsoring this APMP. The District partnered with Aquatic Plant and Habitat Services LLC to create a 5-year management plan that is WDNR-approved and District-adopted. Public input was gathered in April 2019 (Section 10.0) and the management plan was released for public and WDNR review in June 2019.	Aquatic Plant and Habitat Services LLC	09/23/2019	
Big Round 2019 Water Chemistry Data [excel]	Water chemistry data.		01/01/2019	
Big Round Lake Aquatic Plant Management Plan Approval Request Letter	Letter approving the 2019-2023 Aquatic Plant Management Plan for Big Round Lake in Polk County.	Alex Smith	09/23/2019	
Limnological Analysis of Big Round Lake, Wisconsin [2020]	The objectives of these investigations were to examine the development of summer algal blooms in Big Round Lake (Table 1) in relation to P loading from the Straight River watershed and from bottom sediment during temporary anoxia. The goals of this research were to develop an estimate of summer watershed and sediment-derived internal P loading for use in P budgetary analysis and future forecasting of the impacts of internal P loading management on water quality.	University of Wisconsin - Stout	02/14/2020	

**Budget**

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

**Funding**

Organization	Source	Type	Amount	Start Date	End Date
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