

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL173920

**Name:** BEAVER DAM LAKE MANAGEMENT DISTRICT: Library Lake Southeast Stormwater

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 2/15/2020

**End Date:** 12/31/2021

**Purpose:** Beaver Dam Lake Management District is sponsoring a project to design a stormwater practice along the southeast shore of Library Lake with the following goal: Reduce phosphorus loading by 65% and sediment loading by 80% to Library Lake.

Project deliverables include: monitoring data, BATHTUB, HydroCAD, P8 modeling results, land acquisition strategy, budget and construction strategy, lakeshore restoration plans, and design plans for stormwater treatment practice

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 Biologist.

If consultant is to provide final report, it is recommended that Grantee provide DNR Lake Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. DNR to receive both paper and electronic .pdf copies of the final report along with, or prior to submission of grantee's final payment request.

**Objective:**

**Comments:** Grantee is BEAVER DAM LAKE MANAGEMENT DISTRICT

**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

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant LPL173920 awarded	2/15/2020	12/31/2021	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
2081200	1	Beaver Dam Lake, Main Basin	Beaver Dam Lake

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Lab Account Codes				
Account Code	Description	Start Date	End Date	
<b>Forms</b>				
Form Code	Form Name			
<b>Methods</b>				
Method Code	Method Description			
<b>Fieldwork Events</b>				
Start Date	Status	Field ID	Station ID	Station Name
<b>Documents</b>				
Title	Description	Author	Published	Comments
Library Lake Habitat and Wildlife Assessment	EOR completed a habitat and wildlife assessment along the Library Lake shoreline and site of proposed stormwater BMPs on July 28, 2020. The purpose of the assessment was to evaluate existing shoreline habitat and the fish/wildlife population to inform a landscape restoration plan that supports wildlife in and around Library Lake as part of the proposed Library Lake Southeast Stormwater Park.	Emmons and Olivier Resources, Inc.	9/15/2020	
Library Lake Southeast Stormwater Improvements. Cumberland, Barron County, WI. Preliminary Plans	Preliminary Planning for Library Lake stormwater improvements.	Emmons & Oliver Resources Inc.	10/30/2020	
Library Lake Southeast Stormwater Park Wetland Delineation Report	The purpose of this report is to provide Beaver Dam Lake Management District an evaluation of potential existing wetlands and jurisdictional waters of the Study Area. The Study Area includes the proposed grading extent of the proposed Library Lake Southeast Stormwater Park project and a buffer to account for contingencies and characterize the project vicinity (Figure 1). The Study Area represents the focus of this report; this report was not developed to evaluate areas beyond the Study Area.	Emmons & Olivier Resources, Inc.	9/14/2020	
Library Lake Stormwater Park Concept Plan	Concept plan map	EOR	10/1/2020	
Library Lake Stormwater Park Rendering [photo]	Image of proposed Library Lake stormwater park.	EOR	1/1/2020	

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Stormwater Borings - Cumberland	We are pleased to present the results of our subsurface exploration program for your stormwater improvements project in the City of Cumberland, Wisconsin. These services were performed according to our proposal to you dated July 17, 2020.	Blake E. Snyder, P.E.	8/21/2020	
WinSLAMM Summary	WinSLAMM version 10.4.1 was used to model TSS and TP removal by the proposed best stormwater management practices. An existing conditions model was used to establish the average annual baseline TSS and TP loading from the contributing area using the Wisconsin annual regulatory rainfall series for the Minneapolis area (3/13/1959 to 11/04/1959).	ERO	1/1/2020	

### Budget

**Combined Budgets:**

**Combined WSLH:**

**Combined Total:**                      \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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