

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1342-10

**Name:** CITY OF CUMBERLAND: Cumberland Stormwater Plan Implementation - Library Lake Phase 1

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/2010

**End Date:** 12/31/2011

**Purpose:** City of Cumberland, in partnership with the Beaver Dam Lake Management District, is sponsoring a project to reduce loading to Library Lake from City storm water. Activities include completing detailed stormwater facility designs, developing a shoreland restoration plan for Library Lake, reviving purple loosestrife monitoring and control efforts, and developing a Stormwater Management and Implementation Plan for the City of Cumberland.

The deliverables are storm water facility designs, shoreland restoration plans, purple loosestrife management and native planting recommendations, Secchi monitoring results entered into SWIMS database, and a single City Stormwater Management Plan that includes methodologies, results, and management alternatives discussion with an implementation plan.

Phase 1 project tasks include: 1) Develop storm water facility designs for storm sewer outflows; 2) Develop a detailed shoreland restoration plan for Library Lake; 3) Inventory native species present on floating bog; 4) Revive monitoring and distribution program for purple loosestrife beetles; 5) Develop management recommendations for purple loosestrife on floating bog in Library Lake; 6) Bi-monthly secchi disk monitoring of Library Lake.

Special Conditions: CLMN efforts should not be duplicated, and these data should be entered into SWIMS database and included in the trends analysis and final reporting.

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.

**Objective:**

**Comments:** Grantee is CITY OF CUMBERLAND

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
City of Cumberland (Barron Co.	GRANT_RECIPIENT	ACTIVE	4/1/2010	12/31/2011	City of Cumberland (Barron Co.)	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start Date	End Date	Status
Stormwater Planning, Implementation	34923496	4/1/2010		PROPOSED
Habitat Restoration - Shoreland	Shoreland Restoration	4/1/2010	12/31/2011	PROPOSED

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Grant Awarded	<p>City of Cumberland, in partnership with the Beaver Dam Lake Management District, is sponsoring a project to reduce loading to Library Lake from City storm water. Activities include completing detailed stormwater facility designs, developing a shoreland restoration plan for Library Lake, reviving purple loosestrife monitoring and control efforts, and developing a Stormwater Management and Implementation Plan for the City of Cumberland.</p> <p>The deliverables are storm water facility designs, shoreland restoration plans, purple loosestrife management and native planting recommendations, Secchi monitoring results entered into SWIMS database, and a single City Stormwater Management Plan that includes methodologies, results, and management alternatives discussion with an implementation plan.</p>	4/1/2010	12/31/2011	COMPLETE
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Details: Parameter	Value/Amount	Units	Comments
Total Nitrogen			
Total Phosphorus			
Total Suspended Solids			
Monitor Invasive Species		4/1/2010	12/31/2011 PROPOSED

### Monitoring Stations

Station ID	Name	Comments

### Assessment Units

WBIC	Segment	Local Name	Official Name
2081500	1	Library Lake	Library Lake

### Lab Account Codes

Account Code	Description	Start Date	End Date
LM016	Lake Planning Lab Services	1/1/1960	12/31/2099
LM017	LAKE MANAGEMENT PLANNING GRANTS	1/1/1960	12/31/2099
LM018	LAKE MANAGEMENT PLANNING GRANTS	1/1/1960	12/31/2099

### Forms

Form Code	Form Name

### Methods

Method Code	Method Description

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name

### Documents

## Wisconsin Department of Natural Resources SWIMS Project Summary

Title	Description	Author	Published	Comments
2010 Library Lake Purple Loosestrife Survey	Library Lake Purple Loosestrife Survey	Margaret R. (Meg) Rattei	9/3/2010	
7.0 Beaver Dam Lake Invasive Species 7.1 Purple Loosestrife				
Beaver Dam Lake Management District The Library Bay Committee - City of Cumberland Stormwater Wetland and Shoreland Design		Emmons & Olivier Resources Inc.		
Cumberland Library Lake Shoreland Floristic Survey behind the library		Rob Bursik		

### Budget

**Combined Budgets:**

**Combined WSLH:**

**Combined Total:** \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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