

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1443-12

Name: COLUMBIA COUNTY: Tarrant Lake, API, SPM Plan & Water Chemistry Load Analysis

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 10/1/2011

End Date: 12/31/2013

Purpose: The Columbia County LWCD will inventory the aquatic plant community in Tarrant Lake, Columbia County, and write an aquatic plant management plan following DNR guidance. This process will provide education to the community while inviting their input. A bathymetric map will be created to document lake depths, which have changed due to the recent dredging project. They will also use data already collected to do a water chemistry load analysis and model phosphorus. In addition, in order to provide an Aquatic Plant Management Plan that is complex in scope Columbia County will conduct a shore land health study with GPS photography on the land from the high water mark to the first 30\2019 surrounding the lake. All these efforts will be used to update the comprehensive lake management plan. There will be public meetings, and results will be compiled into a final report which will be posted on the County LWCD website.

Objective:

Comments: Grantee is COLUMBIA COUNTY

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Columbia County Land & Water C	GRANT_RECIPIENT	ACTIVE	10/1/2011		Columbia County Land & Water Conservation Dept	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Water Quality Modeling		10/1/2011	12/31/2012	IN_PROGRESS
Informational Meetings		10/1/2011	12/31/2012	IN_PROGRESS
Map Depth of Lake (Bathymetry)		10/1/2011	12/31/2012	IN_PROGRESS
Lake Management Plan Development		10/1/2011	12/31/2012	IN_PROGRESS

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Grant Awarded	The Columbia County LWCD will inventory the aquatic plant community in Tarrant Lake, Columbia County, and write an aquatic plant management plan following DNR guidance. This process will provide education to the community while inviting their input. A bathymetric map will be created to document lake depths, which have changed due to the recent dredging project. They will also use data already collected to do a water chemistry load analysis and model phosphorus. In addition, in order to provide an Aquatic Plant Management Plan that is complex in scope Columbia County will conduct a shore land health study with GPS photography on the land from the high water mark to the first 30\2019 surrounding the lake. All these efforts will be used to update the comprehensive lake management plan. There will be public meetings, and results will be compiled into a final report which will be posted on the County LWCD website.	10/1/2011	12/31/2012	COMPLETE
Aquatic Plant Monitoring or Survey		10/1/2011	12/31/2012	IN_PROGRESS

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
1267500	2	North Br Duck Creek	North Branch Duck Creek

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	Method 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 - Tarrant Lake, Columbia County	This document will cover the years 2014 -2020. The plan includes data about the plant community, watershed and water quality of the lake. There is no known historical aquatic plant data for Tarrant Lake.	Columbia County Land and Water Conservation Department	12/1/2013	

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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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