

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-036 (1016-01)

Name: TWIN LAKES P & R DISTRICT: Lake Elizabeth Watershed Assessment & Lake Management Plan

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/1991

End Date: 6/30/1993

Purpose: NEEDS ASSESSMENT SURVEY OF ALL HOUSEHOLDS IN LAKE DISTRICT. LAND USE PRACTICES IN WATERSHED WILL BE MAPPED. NUTRIENT BUDGET FOR THE LAKE WILL BE PREPARED. APPROPRIATE PHOSOPHOR LOADING MODEL WITH BE USED ALONG WITH THE NUTRIENT BUDGET DEVELOPED FOR THE LAKE. GROUNDWATER INFLOWS WILL BE CALCULATED. WATER QUALITY MONITORING WILL BE CONDUCTED. CONDUCT AQUATIC PLANT SURVEY. UNDERWATER VIDEO TO DETERMINE STATUS OF AQUATIC MACROPHYTES AND FISH HABITAT. AERIAL PHOTOGRAPHS. TWO NEWSLETTERS WILL BE PRODUCED DURING THE PROJECT. DRAFTING OF A LAKE MANAGEMENT PLAN.

Objective:

Comments: Grantee is TWIN LAKES P & R DISTRICT

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Twin Lakes P & R District,	GRANT_RECIPIENT	ACTIVE	4/1/1991	6/30/1993	Twin Lakes P & R District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Water Quality Modeling	10100505	4/1/1991		PROPOSED
Social Survey of Residents or Users	10100505	4/1/1991		PROPOSED
Nutrient Budget Development	10100505	4/1/1991		PROPOSED
Lake Management Plan Development		4/1/1991	6/30/1993	PROPOSED
Watershed Mapping or Assessment	10100505	4/1/1991		PROPOSED

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Grant Awarded	Needs assessment survey of all households. Land use practices in watershed will be mapped. Nutrient budget will be prepared using areal loading method. Appropriate phosphorus loading model will be used along with the nutrient budget developed for the lake. Groundwater inflows calculated. Water quality monitoring. Conduct aquatic plant survey. Underwater video to determine status of aquatic macrophytes and fish habitat. Aerial photographs. Two newsletters will be produced. Drafting of Lake management plan.	4/1/1991		COMPLETE
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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
742800	1	Elizabeth Lake	Elizabeth 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	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
Lake Management Plan - Twin Lakes Protective and Rehabilitation District	The purpose of the plan is to address concerns of the District regarding water quality, lake use, and land uses within the watershed. The lake management planning process has been undertaken concurrently with the preparation of a Master Plan for the Village of Twin Lakes, whose boundaries are coterminous with the District boundaries. Discovery Group, Ltd. has been the consultant to the Village of Twin lakes for the preparation of the Master Plan.	Grant Recipient	6/30/1993	

Budget

7/24/2024

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Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date