

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-037 (1019-01)

**Name:** TWIN LAKES P & R DISTRICT: Mary Lake 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. 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.

**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
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
Lake Management Plan Development	10100504	4/1/1991		PROPOSED
Nutrient Budget Development	10100504	4/1/1991		PROPOSED
Water Quality Modeling	10100504	4/1/1991		PROPOSED
Social Survey of Residents or Users	10100504	4/1/1991		PROPOSED

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Watershed Mapping or Assessment	10100504	4/1/1991	PROPOSED
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### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
743000	1	Marie Lake	Lake Mary

### 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

#### Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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7/24/2024

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