

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** LPL-020

**Name:** DUNN COUNTY: Tainter Lake Nutrient Loading & Phosphorus Reduction Study

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 12/20/1990

**End Date:** 12/31/1997

**Purpose:** 1) Determine nutrient loading to Tainter Lake from each of two contributing watersheds; the South Fork Hay River Watershed, and the Pine Creek and Red Cedar River Watershed. Project will involve remote sensing using aerial photography and analysis through a computerized Geographic Information System (GIS). Animal unit concentrations and their locations will be used as an index. Relative phosphorus loads will be projected by watershed. Two representative subwatersheds will undergo a more detailed land use analysis. 2) Determine landowner willingness to voluntarily cooperate in phosphorus reduction by a random mailing of questionnaires in both watersheds. The watershed selected for a concentrated effort at phosphorus reduction will have a questionnaire sent to every landowner. 3) Final report will be prepared to include; - which watershed is the greater contributor of phosphorus to Tainter Lake, - whether landowners are willing to voluntarily cooperate with cleanup, - an array of resource maps, (topographic, soils, land use, etc.). Data reporting format to be worked out in consultation with Buzz Sorge, DNR district contact. Project results will be repositied at the Dunn County Land Conservation Dept. and the DNR District Office. Amendment 2: establish a school electronic bulletin board system on water quality and monitor phosphorus loading from Jerome Foods turkey manure disposal practices. Amendment 4: develop 2 shoreline landscaping demonstration projects, include mailing costs for the lake related educational information.

**Objective:**

**Comments:** Grantee is DUNN COUNTY

**Outcome:**

**Study Design:**

**QA Measures:**

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Dunn County,	GRANT_RECIPIENT	ACTIVE	12/20/1990	12/31/1997	Dunn County	
Sorge, Patrick W	COORDINATOR	COMPLETE	12/20/1990	12/31/1997	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Nutrient Budget Development		12/20/1990	12/31/1997	PROPOSED

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Grant Awarded	This project determined nutrient loading to Tainter Lake from each of two contributing watersheds; the South Fork Hay River Watershed, and the Pine Creek and Red Cedar River Watershed. The project will involve remote sensing using aerial photography and analysis through a computerized Geographic Information System (GIS). Animal unit concentrations and their locations will be used as an index. Relative phosphorus loads will be projected by watershed. Two representative subwatersheds will undergo a more detailed land use analysis.	12/20/1990		COMPLETE
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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
2063500	2	Red Cedar River	Red Cedar River
2063500	6	Red Cedar River	Red Cedar River
2063500	7	Red Cedar River	Red Cedar River
2068000	1	Tainter Lake	Tainter 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
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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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