

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-844-03

Name: LONG LAKE PROTECTION AND MANAGEMENT DISTRICT: Long Lake Management Plan, Phase 5

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 10/1/2002

End Date: 6/30/2003

Purpose: The Long Lake Protection & Rehabilitation District has previously conducted a four phase comprehensive lake water quality monitoring, tributary monitoring, sociological survey, watershed evaluation, plant survey, and hydrologic and phosphorus budget study of Long Lake in Polk County. The Phase 1 through Phase 4 projects have provided data and analysis that will lead to the development of a comprehensive lake management plan.

The Long Lake District now will conduct concurrent Phase 5 and Phase 6 projects that will conclude in the production of a comprehensive lake management plan. Specific Phase 5 activities include; Establishing goals and computer modeling of watershed and in-lake management practices, and evaluating the lake's response(s) to determine management practices that result in goal achievement. Phase 6 of this on-going project will include preparation of the lake's management plan.

Specific deliverables for this Phase 5 grant project include:
* Report on the computer modeling and goal establishment activities.

The Department of Natural Resources will be provided with both a paper copy and an electronic copy of the final report. The project results will be disseminated to the public by newsletter(s), public meeting(s), and local newspaper articles.

Scope amendment no. 1, 02/11/2003: Scope amended to include collecting additional in-lake sediment samples and analyzing and evaluating the nutrient release properties.

Objective:

Comments: Grantee is LONG LAKE PROTECTION AND MANAGEMENT DISTRICT

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Long Lake P & R District,	GRANT_RECIPIENT	ACTIVE	10/1/2002	6/30/2003	Long Lake P & R District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor Water Quality or Sediment	10100270	10/1/2002		PROPOSED
Comprehensive Planning Studies	10100270	10/1/2002		PROPOSED

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Grant Awarded	<p>The Long Lake Protection & Rehabilitation District has previously conducted a four phase comprehensive lake water quality monitoring, tributary monitoring, sociological survey, watershed evaluation, plant survey, and hydrologic and phosphorus budget study of Long Lake in Polk County. The Phase 1 through Phase 4 projects have provided data and analysis that will lead to the development of a comprehensive lake management plan.</p> <p>The Long Lake District now will conduct concurrent Phase 5 and Phase 6 projects that will conclude in the production of a comprehensive lake management plan. Specific Phase 5 activities include; Establishing goals and computer modeling of watershed and in-lake management practices, and evaluating the lake's response(s) to determine management practices that result in goal achievement. Phase 6 of this on-going project will include preparation of the lake's management plan.</p> <p>Specific deliverables for this Phase 5 grant project include: * Report on the computer modeling and goal establishment activities.</p> <p>The Department of Natural Resources will be provided with both a paper copy and an electronic copy of the final report. The project results will be disseminated to the public by newsletter(s), public meeting(s), and local newspaper articles.</p> <p>Scope amendment no. 1, 02/11/2003: Scope amended to include collecting additional in-lake sediment samples and analyzing and evaluating the nutrient release properties.</p>	10/1/2002		COMPLETE
Nutrient Budget Development	10100270	10/1/2002		PROPOSED
Water Quality Modeling	10100270	10/1/2002		PROPOSED
Hydrologic Budget Development	10100270	10/1/2002		PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
2478200	1	Long Lake T34n R17w S06	Long Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Wisconsin Department of Natural Resources
SWIMS Project Summary

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
LONG LAKE MANAGEMENT PLAN, PHASE 5	The creation of the Long Lake management plan was initiated by the Long Lake Protection and Rehabilitation District to provide information to managers and citizens regarding the long-term management of Long Lake .. The data, results and conclusions from Phases I through IV of this project have been presented in detail in the document entitled Long Lake Management Plan, Phases I-IV: Lake Management Plan (Barr Engineering, 2001). A summary of Phases I-IV is presented in this report. Phases V and VI are presented here in detail for the first time. These final phases involve the establishment of a longterm water quality goal for Long Lake; the research and modeling of several management alternatives that would help the lake meet its goal, and the completion of a management plan for the lake.	Barr Engineering Co.	6/30/2003	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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