

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-679-00

Name: MUSKELLUNGE LAKE ASSOCIATION, INC.: Muskellunge Lake Water Quality Assessment, Phase 2

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2000

End Date: 12/31/2002

Purpose: The MLA proposes to assess hydrology, water quality, and nutrient loading to Muskellunge Lake.

Phase II will include the application and calibration of the GFLOW groundwater model; computation of water and phosphorus budgets; preparation of an interpretive report for the lake association; and publication and distribution of a final report. Results of this study will also be used to further refine the watershed analysis portion of another planing grant project being conducted on a downstream lake, Little St. Germain.

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.

Objective:

Comments: Grantee is MUSKELLUNGE LAKE ASSOCIATION, INC.

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Muskellunge Lake Association,	GRANT_RECIPIENT	ACTIVE	4/1/2000	12/31/2002	Muskellunge Lake Association	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Nutrient Budget Development	10100142	4/1/2000		PROPOSED
Hydrologic Budget Development	10100142	4/1/2000		PROPOSED

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Grant Awarded	<p>The MLA proposes to assess hydrology, water quality, and nutrient loading to Muskellunge Lake.</p> <p>Phase II will include the application and calibration of the GFLOW groundwater model; computation of water and phosphorus budgets; preparation of an interpretive report for the lake association; and publication and distribution of a final report. Results of this study will also be used to further refine the watershed analysis portion of another planing grant project being conducted on a downstream lake, Little St. Germain.</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>	4/1/2000		COMPLETE
Water Quality Modeling	10100142	4/1/2000		PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
1596600	1	Muskellunge Lake	Muskellunge 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
Water Quality and the Effects of Changes in Phosphorus Loading to Muskellunge Lake, Vilas County, Wisconsin	Lakes Planning Report. U.S. Geological Survey with the cooperation of the Muskellunge Lake Association.	Dale M. Robertson, William J. Rose, and David A. Saad	12/31/2002	

Budget

5/31/2024

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Combined Budgets:
Combined WSLH:
Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date