

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPT-026
Name: LAKE HOLCOMBE IMPROVEMENT ASSOCIATION INC.: LMI-Lake Holcombe Aquatic Ecosystem Assessment
Type: Lakes Grant
Subtype: Lake Protection Grant
Status: COMPLETE
Start Date: 05/15/1995
End Date: 06/30/1998
Purpose: The Lake Holcombe Improvement Association, Inc. will conduct investigations to examine water quality conditions, nutrient/sediment fluxes, aquatic macrophyte populations and water quality impacts of hydropower operations in Lake Holcombe. The relative importance of various internal and external nutrient loadings will be evaluated in relation to water quality conditions and phytoplankton biomass in the main basin of the lake and in backwater areas. Dissolved oxygen and stratification patterns in the lake and in the tailwaters in relation to discharged regimes will be evaluated. Variations in dissolved oxygen conditions, water residence time, and the exchange of nutrients/sediment will be examined in selected backwaters in relation to dam operations. A bathymetric map will be developed for the lake to facilitate water quality modelling and drawdown impacts. A comprehensive aquatic macrophyte assessment will also be conducted.
Objective:
Comments: Grantee is LAKE HOLCOMBE IMPROVEMENT ASSOCIATION INC.
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Lake Holcombe Improvement	GRANT_RECIP	ACTIVE	05/15/1995	06/30/1998	Lake Holcombe Improvement Association Inc	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Map Depth of Lake (Bathymetry)		05/15/1995	06/30/1998	PROPOSED

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Action	Detailed Description	Start	End Date	Status
Grant Awarded	The Lake Holcombe Improvement Association, Inc. will conduct investigations to examine water quality conditions, nutrient/seston fluxes, aquatic macrophyte populations and water quality impacts of hydropower operations in Lake Holcombe. The relative importance of various internal and external nutrient loadings will be evaluated in relation to water quality conditions and phytoplankton biomass in the main basin of the lake and in backwater areas. Dissolved oxygen and stratification patterns in the lake and in the tailwaters in relation to discharged regimes will be evaluated. Variations in dissolved oxygen conditions, water residence time, and the exchange of nutrients/seston will be examined in selected backwaters in relation to dam operations. A bathymetric map will be developed for the lake to facilitate water quality modelling and drawdown impacts. A comprehensive aquatic macrophyte assessment will also be conducted.	05/15/1995		COMPLETE
Lake Management Plan Development	The Lake Holcombe Improvement Association, Inc. will conduct investigations to examine water quality conditions, nutrient/seston fluxes, aquatic macrophyte populations and water quality impacts of hydropower operations in Lake Holcombe. The relative importance of various internal and external nutrient loadings will be evaluated in relation to water quality conditions and phytoplankton biomass in the main basin of the lake and in backwater areas.	05/15/1995	05/15/1996	COMPLETE
Monitor Water Quality or Sediment		05/15/1995	06/30/1998	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
2050000	8	Chippewa River (At Holcombe Flowage)	Chippewa River
2184900	1	Holcombe Flowage North	Holcombe Flowage
2184900	2	Holcombe Flowage South	Holcombe Flowage

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	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 SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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