

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-908-04
Name: LONG LAKE ADVANCEMENT ASSOCIATION: Long Lake Phosphorus & Residential Impact Study
Type: Lakes Grant
Subtype: Large Scale Lake Planning
Status: COMPLETE
Start Date: 10/01/2003
End Date: 12/31/2005
Purpose: The Long Lake Advancement Association proposes to identify phosphorus sources to the lake by evaluating sanitary and storm water runoff and monitoring the inlet, outlet, and in-lake total phosphorus levels. Stream flows will also be evaluated. The project will evaluate potential northern pike spawning enhancement areas in the lake through water level manipulation. The WiLMS model will be used to develop a lake nutrient budget using data collected in Phase 1 and phase 2. Management recommendations for phosphorus control and northern spawning areas will be discussed in the final report. The Long Lake Advancement Association and the Department of Natural Resources will be provided with hard copies and electronic copies of the final report. A project summary will be included in the newsletter and a final report presentation will be done at the annual lake meeting.

Objective:
Comments:
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Long Lake Advancement Ass	GRANT_RECIP	ACTIVE	10/01/2003	12/31/2005	Long Lake Advancement Association	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Water Quality Modeling		10/01/2003	12/31/2005	PROPOSED
Grant Awarded	The Long Lake Advancement Association proposes to identify phosphorus sources to the lake by evaluating sanitary and storm water runoff and monitoring the inlet, outlet, and in-lake total phosphorus levels. Stream flows will also be evaluated. The project will evaluate potential northern pike spawning enhancement areas in the lake through water level manipulation. The WiLMS model will be used to develop a lake nutrient budget using data collected in Phase 1 and phase 2. Management recommendations for phosphorus control and northern spawning areas will be discussed in the final report.	10/01/2003		COMPLETE
Stormwater Planning, Implementation	10100876	10/01/2003		PROPOSED

Monitoring Stations

Station ID	Name	Comments
363310	Long Lake - Deep Hole	

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Station ID	Name	Comments
363327	Long Lake Outlet Stream at E. County Line Road	

Assessment Units

WBIC	Segment	Local Name	Official Name
77100	1	Unnamed Creek (T20n T20e S34)	Unnamed
77500	1	Long Lake (Big Long)	Long 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	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
04/02/2004 11:20	COMPLETE	BOTTOM	363310	Long Lake - Deep Hole
04/02/2004 11:40	COMPLETE	SURFACE	363310	Long Lake - Deep Hole
04/02/2004 12:00	COMPLETE	DOWNSTM #4	363327	Long Lake Outlet Stream at E. County Line Road
05/11/2004 09:45	COMPLETE	SURFACE 2	363310	Long Lake - Deep Hole
05/11/2004 10:00	COMPLETE	BOTTOM 3	363310	Long Lake - Deep Hole
05/11/2004 11:00	COMPLETE	OUTSTREAM4	363327	Long Lake Outlet Stream at E. County Line Road
07/12/2004 11:00	COMPLETE	BOTTOM	363310	Long Lake - Deep Hole
07/12/2004 11:15	COMPLETE	SURFACE	363310	Long Lake - Deep Hole
07/12/2004 12:00	COMPLETE	OUTLETSTRM	363327	Long Lake Outlet Stream at E. County Line Road
08/19/2004 16:00	COMPLETE	SURFACE	363310	Long Lake - Deep Hole
08/19/2004 16:20	COMPLETE	BOTTOM	363310	Long Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
LONG LAKE PHOSPHORUS & RESIDENTIAL IMPACT STUDY	Lakes Planning Report	Grant Recipient	12/31/2005	

Budget

Combined Budgets:
 Combined SLOH:
 Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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