

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-944-04

**Name:** LIMNOLOGICAL INSTITUTE: Lake Lorraine-APM Plan

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/2004

**End Date:** 6/30/2007

**Purpose:** A consultant hired by the Limnological Institute, in conjunction with the Lake Lorraine Property Owner's Association, will conduct a point intercept plant survey in mid summer 2004. The consultant will follow the methodology for the plant survey as outlined in the grant application narrative. The project deliverable for this grant will be submittal of two paper copies and one electronic copy (on a CD-ROM) of the final report to the WDNR. The Limnological Institute will present the report findings at a meeting with the Lake Lorraine Property Owner's Association.

The final report will contain the following elements: 1) Results from the plant survey; 2) Maps of plant beds, lake morphology and ecologically important areas; 3) Plant list; 4) Plant management goals, objectives, alternatives and management recommendations; 5) GPS survey points; 6) Mapping the aerial extent of curly leaf pondweed and eurasian water milfoil and 7) A copy of the public meeting agenda. Specific summary report elements are listed in the project narrative.

Scope amendment: 5-12-04 Less sampling points are going to be done. 130 points down to 50 points based on the newly developed state protocol.

Additional GPS mapping to depict areas of 1)submergent,2)emergent,3)floating leaf, and 4)nuisance native plant areas will be set up due to less time spent on sampling.

**Objective:****Comments:** Grantee is LIMNOLOGICAL INSTITUTE**Outcome:****Study Design:****QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Limnological Institute,	GRANT_RECIPIENT	ACTIVE	4/1/2004	6/30/2007	Limnological Institute	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	<p>A consultant hired by the Limnological Institute, in conjunction with the Lake Loraine Property Owner's Association, will conduct a point intercept plant survey in mid summer 2004. The consultant will follow the methodology for the plant survey as outlined in the grant application narrative. The project deliverable for this grant will be submittal of two paper copies and one electronic copy (on a CD-ROM) of the final report to the WDNR. The Limnological Institute will present the report findings at a meeting with the Lake Loraine Property Owner's Association.</p> <p>The final report will contain the following elements: 1) Results from the plant survey; 2) Maps of plant beds, lake morphology and ecologically important areas; 3) Plant list; 4) Plant management goals, objectives, alternatives and management recommendations; 5) GPS survey points; 6) Mapping the aerial extent of curly leaf pondweed and eurasian water milfoil and 7) A copy of the public meeting agenda. Specific summary report elements are listed in the project narrative.</p> <p>Scope amendment: 5-12-04 Less sampling points are going to be done. 130 points down to 50 points based on the newly developed state protocol.</p> <p>Additional GPS mapping to depict areas of 1)submergent,2)emergent,3)floating leaf, and 4)nuisance native plant areas will be set up due to less time spent on sampling.</p>	4/1/2004		COMPLETE
Aquatic Plant Monitoring or Survey		4/1/2004	6/30/2007	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
777500	1	Lake Lorraine	Lake Lorraine

### 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

## Wisconsin Department of Natural Resources SWIMS Project Summary

Start Date	Status	Field ID	Station ID	Station Name
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### Documents

Title	Description	Author	Published	Comments
2004 Lake Lorraine Aquatic Plant Mangement Plan	Lake Lorraine Aquatic Plant Mangement Plan	J.E. Britton and The Limnological Institute	7/1/2008	
2004 Lake Lorraine Aquatic Plant Survey Technical Report	Lake Lorraine Aquatic Plant Survey Technical Report	J. E. Britton, Aquatic Engineering, and The Limnological Institute	6/30/2008	

### Budget

**Combined Budgets:**

**Combined WSLH:**

**Combined Total:**                    \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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