

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-903-04
Name: EAGLE SPRING LAKE MANAGEMENT DISTRICT: Eagle Spring Lake Sediment Impact Analysis
Type: Lakes Grant
Subtype: Large Scale Lake Planning
Status: COMPLETE
Start Date: 10/01/2003
End Date: 12/31/2005
Purpose: Phase 1 - Sediment Impact Analysis. AUSACOE sediment study consisting of: a) Collection of 12 sediment cores. 6 cores will be analyzed for phosphorus (P) release from the marl layer and 6 cores will be analyzed for P release from the organic (i.e. peat) layer. 3 cores of each will be tested in oxic conditions and 3 cores of each will be tested in anoxic conditions. b) Collection of 3 sediment cores to estimate compaction due to sediment dewatering. c) Collection of 9 sediment cores to estimate internal phosphorus loading in the surface marl layer as a result of sediment dewatering.

A electronic version and paper copy of a report of A through C above and a separate report containing the following elements: 1) Long term water budget; 2) Analysis of the capacity of the two Eagle Spring Lake outlets(i.e.dams): 3) Mapping of potential lake bed to be exposed during a lake drawdown; and 4) Recommendations for extent of drawdown (depth, duration and rate).

Objective:
Comments: Grantee is EAGLE SPRING LAKE MANAGEMENT DISTRICT
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Eagle Spring Lake Management	GRANT_RECIP	ACTIVE	10/01/2003	12/31/2005	Eagle Spring Lake Management District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Project Deliverable	Final Report	10/01/2003	12/31/2005	PROPOSED
Monitor Paleocore		10/01/2003	12/31/2005	PROPOSED
Hydrologic Budget Development		10/01/2003	12/31/2005	PROPOSED
Lakes Planning Grant		10/01/2003	12/31/2005	PROPOSED

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Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>Phase 1 - Sediment Impact Analysis. AUSACOE sediment study consisting of: a) Collection of 12 sediment cores. 6 cores will be analyzed for phosphorus (P) release from the marl layer and 6 cores will be analyzed for P release from the organic (i.e. peat) layer. 3 cores of each will be tested in oxic conditions and 3 cores of each will be tested in anoxic conditions. b) Collection of 3 sediment cores to estimate compaction due to sediment dewatering. c) Collection of 9 sediment cores to estimate internal phosphorus loading in the surface marl layer as a result of sediment dewatering.</p> <p>A electronic version and paper copy of a report of A through C above and a separate report containing the following elements: 1) Long term water budget; 2) Analysis of the capacity of the two Eagle Spring Lake outlets(i.e.dams); 3) Mapping of potential lake bed to be exposed during a lake drawdown; and 4) Recommendations for extent of drawdown (depth, duration and rate).</p>	10/01/2003		COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
765500	3	Mukwonago River	Mukwonago River
768600	1	Eagle Spring Lake	Eagle Spring 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
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Documents

Title	Description	Author	Published	Comments
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Budget

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Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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