

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-902-04

Name: EAGLE SPRING LAKE MANAGEMENT DISTRICT: Eagle Spring Lake Hydrolic Analysis-Phase 1

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 10/1/2003

End Date: 12/31/2006

Purpose: Hydraulic Analysis: Phase II contains these 3 items: a) Lake refill study will calculate potential refill times based on the last 35 years of precipitaiton records. Probability plots of refill times will be prepared to assess variability. b) Downstream impact study will include analysis of downstream floodplain impacts, analysis of potential downstream river bed scour and analysis of potential impacts to Lower Phantom Lake. c) A groundwater model will be developed by USGS for Eagle Spring and Lulu Lakes.
The project deliverables will be an electronic version and paper copy of project report containing the following elements: 1) lake refill study; 2) analysis of downstream impacts due to proposed lake drawdown; and 3) analysis of impacts to local wells.

Scope change amendment #2 in May 2005 was to add a specific line item for a sediment and coring dating study for \$2000.

Scope change amendment #3 in July 2005 was to add a specific line item for development of a marl budget for Eagle Spring Lake for \$4,080

The "downstream impact" line item was adjusted down \$6080 on September 27, 2005 to account for this.

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 D	GRANT_RECIP IENT	ACTIVE	10/1/2003	12/31/2006	Eagle Spring Lake Management District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Watershed Mapping or Assessment		10/1/2003	12/31/2006	PROPOSED
Lakes Planning Grant		10/1/2003	12/31/2006	PROPOSED

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Grant Awarded	<p>Hydraulic Analysis: Phase II contains these 3 items: a) Lake refill study will calculate potential refill times based on the last 35 years of precipitation records. Probability plots of refill times will be prepared to assess variability. b) Downstream impact study will include analysis of downstream floodplain impacts, analysis of potential downstream river bed scour and analysis of potential impacts to Lower Phantom Lake. c) A groundwater model will be developed by USGS for Eagle Spring and Lulu Lakes. The project deliverables will be an electronic version and paper copy of project report containing the following elements: 1) lake refill study; 2) analysis of downstream impacts due to proposed lake drawdown; and 3) analysis of impacts to local wells.</p> <p>Scope change amendment #2 in May 2005 was to add a specific line item for a sediment and coring dating study for \$2000.</p> <p>Scope change amendment #3 in July 2005 was to add a specific line item for development of a marl budget for Eagle Spring Lake for \$4,080</p> <p>The "downstream impact" line item was adjusted down \$6080 on September 27, 2005 to account for this.</p>	10/1/2003		COMPLETE
Project Deliverable	<p>The project deliverables will be an electronic version and paper copy of project report containing the following elements: 1) lake refill study; 2) analysis of downstream impacts due to proposed lake drawdown; and 3) analysis of impacts to local wells. Scope change amendment #2 in May 2005 was to add a specific line item for a sediment and coring dating study for \$2000. Scope change amendment #3 in July 2005 was to add a specific line item for development of a marl budget for Eagle Spring Lake for \$4,080 The "downstream impact" line item was adjusted down \$6080 on September 27, 2005 to account for this.</p>	10/1/2003	12/31/2006	PROPOSED

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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**Wisconsin Department of Natural Resources
SWIMS Project Summary****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
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Budget**Combined Budgets:****Combined WSLH:****Combined Total:** \$0.00**Funding**

Organization	Source	Type	Amount	Start Date	End Date
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