

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1146-07

**Name:** UPPER ST CROIX LAKE ASSOCIATION: Community Approach to Lake Planning, etc.-#3

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/2007

**End Date:** 12/31/2009

**Purpose:** Upper St. Croix Lake Association is sponsoring a multi-phase project to develop a community-based lake management plan. This scope covers the precipitation monitoring, internal loading and modeling phase.

Citizen volunteers will be trained to monitor precipitation daily. Twenty sediment cores will be collected and analyzed for sediment phosphorous release under oxic and anoxic conditions to determine sediment SRP release rates. Surface- and groundwater-sheds will be delineated. Water and nutrient budgets will be developed using monitoring data as well as land use, climate, and previous research information. WiLMS will be used to predict in-lake phosphorous concentrations under various management alternatives. This information will be used in the final project strategic planning and management plan development phase.

Final deliverables include: precipitation logs; sediment phosphorous release rates and study summary; modeling results, and watershed delineations.

This scope is intended to summarize the detailed project scope provided in the application and does not supersede those application tasks/deliverables. Data, records, and reports, including GIS-based maps and digital images, must be submitted to the Department in a format specified by the regional Lake Coordinator. Grantee or consultant will provide DNR Lake Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. DNR shall receive both paper and electronic copies of the final report along with, or prior to submission of grantee's final payment request.

**Objective:**

**Comments:** Grantee is UPPER ST CROIX LAKE ASSOCIATION

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Upper St Croix Lake Associatio	GRANT_RECIPIENT	ACTIVE	4/1/2007	12/31/2009	Upper St Croix Lake Association	

### 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>Upper St. Croix Lake Association is sponsoring a multi-phase project to develop a community-based lake management plan. This scope covers the precipitation monitoring, internal loading and modeling phase.</p> <p>Citizen volunteers will be trained to monitor precipitation daily. Twenty sediment cores will be collected and analyzed for sediment phosphorous release under oxic and anoxic conditions to determine sediment SRP release rates. Surface- and groundwater-sheds will be delineated. Water and nutrient budgets will be developed using monitoring data as well as land use, climate, and previous research information. WiLMS will be used to predict in-lake phosphorous concentrations under various management alternatives. This information will be used in the final project strategic planning and management plan development phase.</p>	4/1/2007	12/31/2009	COMPLETE
Grant Awarded	<p>Upper St. Croix Lake Association is sponsoring a multi-phase project to develop a community-based lake management plan. This scope covers the precipitation monitoring, internal loading and modeling phase.</p> <p>Citizen volunteers will be trained to monitor precipitation daily. Twenty sediment cores will be collected and analyzed for sediment phosphorous release under oxic and anoxic conditions to determine sediment SRP release rates. Surface- and groundwater-sheds will be delineated. Water and nutrient budgets will be developed using monitoring data as well as land use, climate, and previous research information. WiLMS will be used to predict in-lake phosphorous concentrations under various management alternatives. This information will be used in the final project strategic planning and management plan development phase.</p>	4/1/2007		COMPLETE
Train Volunteers	18069907	4/1/2007		PROPOSED
Lake Management Plan Development	18069907	4/1/2007		PROPOSED

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
2747300	1	Upper St. Croix Lake	Upper Saint Croix Lake
2748200	1	Rock Cut Creek	Unnamed
2749100	1	St Croix Creek	St Croix Creek

## Wisconsin Department of Natural Resources SWIMS Project Summary

### 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

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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