

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** LPL-1313-10

**Name:** GRINDSTONE LAKE ASSOCIATION: Critical Habitat Survey & Water Quality Study

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 10/1/2009

**End Date:** 12/31/2011

**Purpose:** Grindstone Lake Association is sponsoring a project to conduct a water quality study to determine pollutant sources/threats within the watershed and use citizens to identify critical habitat needing protection.

Project goals: 1) Develop a watershed and lake information system to be used for natural resource and lake protection decision-making, planning and management; 2) Develop a watershed and lake conservation strategy and protection plan including protection priorities for the critical, threatened, aesthetic or ecologically important habitat; 3) Develop an involved citizenry; 4) Build awareness among lake associations, land trusts, other conservation organizations, professionals of methods citizens can use to determine critical habitat; 5) Produce data that will reduce resources needed for the DNR critical habitat analysis (2011); 6) Update the 1998 water quality study; 7) Reduce nutrient loading and develop a lake and watershed monitoring program for early detection of potential adverse changes; 8) Identify changes to be made in the Town of Bass Lake Comprehensive Land Use plan to enhance protection of critical habitat.

Project deliverables: Critical habitat inventory and watershed map, electronic form; critical habitat protection plan (DNR); updated water quality study showing: phosphorus, chlorophyll-a, secchi disc transparency, temperature, dissolve oxygen, total dissolved solids and specific conductance isopleths diagrams, pH isopleth diagrams, alkalinity data and current Trophic State Indices; Recommendations and management action from the LCO Conservation Department based on their water quality study; distribution of a final report.

Specific conditions: 1) Contact UW-Extension staff for training, workshops or educational materials for the Citizen Lake Monitoring (Laura Herman, 715-365-8998) Program; 2) The WDNR will be provided electronic and hard copies of all data and or reports/plans generated as a result of this project.

**Objective:**

**Comments:** Grantee is GRINDSTONE LAKE ASSOCIATION

**Outcome:**

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Grindstone Lake Association,	GRANT_RECIPIENT	ACTIVE	10/1/2009	12/31/2011	Grindstone 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>Grindstone Lake Association is sponsoring a project to conduct a water quality study to determine pollutant sources/threats within the watershed and use citizens to identify critical habitat needing protection.</p> <p>Project goals: 1) Develop a watershed and lake information system to be used for natural resource and lake protection decision-making, planning and management; 2) Develop a watershed and lake conservation strategy and protection plan including protection priorities for the critical, threatened, aesthetic or ecologically important habitat; 3) Develop an involved citizenry; 4) Build awareness among lake associations, land trusts, other conservation organizations, professionals of methods citizens can use to determine critical habitat; 5) Produce data that will reduce resources needed for the DNR critical habitat analysis (2011); 6) Update the 1998 water quality study; 7) Reduce nutrient loading and develop a lake and watershed monitoring program for early detection of potential adverse changes; 8) Identify changes to be made in the Town of Bass Lake Comprehensive Land Use plan to enhance protection of critical habitat.</p> <p>Project deliverables: Critical habitat inventory and watershed map, electronic form; critical habitat protection plan (DNR); updated water quality study showing: phosphorus, chlorophyll-a, secchi disc transparency, temperature, dissolve oxygen, total dissolved solids and specific conductance isopleths diagrams, pH isopleth diagrams, alkalinity data and current Trophic State Indices; Recommendations and management action from the LCO Conservation Department based on their water quality study; distribution of a final report.</p>	10/1/2009	12/31/2010	COMPLETE
Lakes Planning Grant		10/1/2009	12/31/2011	PROPOSED
Monitor or Assess Watershed Condition		10/1/2009	12/31/2011	PROPOSED
Monitor Water Quality or Sediment		10/1/2009	12/31/2011	PROPOSED
Monitoring Ecosystem		10/1/2009	12/31/2011	PROPOSED

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Project Deliverable	Project deliverables: Critical habitat inventory and watershed map, electronic form; critical habitat protection plan (DNR); updated water quality study showing: phosphorus, chlorophyll-a, secchi disc transparency, temperature, dissolve oxygen, total dissolved solids and specific conductance isopleths diagrams, pH isopleth diagrams, alkalinity data and current Trophic State Indices; Recommendations and management action from the LCO Conservation Department based on their water quality study; distribution of a final report.	10/1/2009	12/31/2011	PROPOSED
Natural Areas Protection		10/1/2009	12/31/2011	PROPOSED
Information and Education		10/1/2009	12/31/2011	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
2391200	1	Grindstone Lake	Grindstone 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	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
Citizen Assessment of Critical Habitat and Priority Shorelines		Grindstone Lake Association	8/31/2010	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

7/25/2024

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Organization	Source	Type	Amount	Start Date	End Date
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