

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: SPL-090-05

Name: ANVIL LAKE ASSOCIATION, INC.: Anvil Lake Aquatic Macrophyte Baseline Survey

Type: Lakes Grant

Subtype: Small Scale Lake Planning

Status: COMPLETE

Start Date: 10/1/2004

End Date: 12/31/2006

Purpose: Anvil Lake Association will conduct an Aquatic Macrophyte Baseline Survey using the point-intercept method. Rake sampling will be supplemented with scuba diving and use GPS mapped points. The littoral zone of this 398-acre lake will be mapped looking for increase bed density or plant distribution, to relate to the sediment core taken earlier.

Activities include: 1. development of a base map and database of Anvil lake sampling points for GPS location throughout the littoral zone. 2. conducting a point-intercept sampling survey of aquatic macrophytes using rake sampling techniques. 3. inventory/identify the existing aquatic macrophytes species and collect and prepare herbarium ready samples of the species collected. 4. map critical macrophyte beds with supplemental scuba diving linked to GPS readings.

A long-term lake management plan with recommendations and strategies for aquatic plant management and monitoring will be developed. A final report's Information on the results will be distributed to the public and interested parties through a direct mail newsletter and presented at their annual meeting.

Objective:

Comments: Grantee is ANVIL LAKE ASSOCIATION, INC.

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Anvil Lake Association,	GRANT_RECIPIENT	ACTIVE	10/1/2004	12/31/2006	Anvil Lake Association	

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Develop/Distribute Newsletter		10/1/2004	12/31/2006	PROPOSED
Aquatic Plant Management Plan		10/1/2004	12/31/2006	PROPOSED

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Grant Awarded	<p>Anvil Lake Association will conduct an Aquatic Macrophyte Baseline Survey using the point-intercept method. Rake sampling will be supplemented with scuba diving and use GPS mapped points. The littoral zone of this 398-acre lake will be mapped looking for increase bed density or plant distribution, to relate to the sediment core taken earlier.</p> <p>Activities include: 1. development of a base map and database of Anvil lake sampling points for GPS location throughout the littoral zone. 2. conducting a point-intercept sampling survey of aquatic macrophytes using rake sampling techniques. 3. inventory/identify the existing aquatic macrophytes species and collect and prepare herbarium ready samples of the species collected. 4. map critical macrophyte beds with supplemental scuba diving linked to GPS readings.</p> <p>A long-term lake management plan with recommendations and strategies for aquatic plant management and monitoring will be developed. A final report's Information on the results will be distributed to the public and interested parties through a direct mail newsletter and presented at their annual meeting.</p>	10/1/2004		COMPLETE
Aquatic Plant Monitoring or Survey	1. development of a base map and database of Anvil lake sampling points for GPS location throughout the littoral zone. 2. conducting a point-intercept sampling survey of aquatic macrophytes using rake sampling techniques. 3. inventory/identify the existing aquatic macrophytes species and collect and prepare herbarium ready samples of the species collected. 4. map critical macrophyte beds with supplemental scuba diving linked to GPS readings.	10/1/2004	12/31/2006	PROPOSED
Informational Meetings		10/1/2004	12/31/2006	PROPOSED
Project Deliverable	Final Report	10/1/2004	12/31/2006	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
968800	1	Anvil Lake	Anvil Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Wisconsin Department of Natural Resources
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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
ANVIL LAKE AQUATIC PLANT MANAGEMENT PLAN		Anvil Lake Association	3/30/2007	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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