

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1280-09  
**Name:** CLAM LAKE P & R DISTRICT: PI Plant Survey & Education, Phase 1  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 04/01/2009  
**End Date:** 12/31/2011  
**Purpose:** Clam Lakes P & R District is sponsoring a four-phase project to complete a comprehensive lake management plan with an aquatic plant emphasis for Upper and Lower Clam Lakes. The final deliverable will be a single lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan. Interim deliverables for each phase include a progress report with results, including maps, spreadsheets, and other data collected during the given phase.

The specific Phase 1 project tasks include: 1) Spring and summer aquatic plant point-intercept surveys on both lakes; 2) Expanded water quality monitoring on both lakes; 3) Lake user education, including implementation of Clean Boats Clean Waters and AIS monitoring; 4) Sociological survey of riparians and local community.

Special Conditions: 1) WDNR's Aquatic Plant Management in Wisconsin guidance should be followed for point-intercept survey monitoring and aquatic plant management plan development; 2) Draft public surveys and shoreline inventory methods must be reviewed and approved by the Department before being initiated.

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.

**Objective:**  
**Comments:** Grantee is CLAM LAKE P & R DISTRICT  
**Outcome:**  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Clam Lakes P & R District,	GRANT_RECIP	ACTIVE	04/01/2009	12/31/2011	Clam Lakes P & R District	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Social Survey of Residents or Users		04/01/2009	12/31/2011	PROPOSED
Monitor Water Quality or Sediment		04/01/2009	12/31/2011	PROPOSED

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Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>Clam Lakes P &amp; R District is sponsoring a four-phase project to complete a comprehensive lake management plan with an aquatic plant emphasis for Upper and Lower Clam Lakes. The final deliverable will be a single lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan. Interim deliverables for each phase include a progress report with results, including maps, spreadsheets, and other data collected during the given phase.</p> <p>The specific Phase 1 project tasks include:                      1) Spring and summer aquatic plant point-intercept surveys on both lakes; 2) Expanded water quality monitoring on both lakes; 3) Lake user education, including implementation of Clean Boats Clean Waters and AIS monitoring; 4) Sociological survey of riparians and local community.</p> <p>Special Conditions: 1) WDNR's Aquatic Plant Management in Wisconsin guidance should be followed for point-intercept survey monitoring and aquatic plant management plan development; 2) Draft public surveys and shoreline inventory methods must be reviewed and approved by the Department before being initiated.</p> <p>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.</p>	04/01/2009	12/31/2011	COMPLETE
Lake Management Plan Development Information and Education	29383004	04/01/2009		PROPOSED
Information and Education		04/01/2009	12/31/2011	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	04/01/2009	12/31/2011	PROPOSED

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Grant Awarded	<p>Clam Lakes P &amp; R District is sponsoring a four-phase project to complete a comprehensive lake management plan with an aquatic plant emphasis for Upper and Lower Clam Lakes. The final deliverable will be a single lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan. Interim deliverables for each phase include a progress report with results, including maps, spreadsheets, and other data collected during the given phase.</p> <p>The specific Phase 1 project tasks include:                      1) Spring and summer aquatic plant point-intercept surveys on both lakes; 2) Expanded water quality monitoring on both lakes; 3) Lake user education, including implementation of Clean Boats Clean Waters and AIS monitoring; 4) Sociological survey of riparians and local community.</p> <p>Special Conditions: 1) WDNR's Aquatic Plant Management in Wisconsin guidance should be followed for point-intercept survey monitoring and aquatic plant management plan development; 2) Draft public surveys and shoreline inventory methods must be reviewed and approved by the Department before being initiated.</p> <p>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.</p>	04/01/2009	12/31/2011	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
10029236	Lower Clam Lake at Center	
10029237	Upper Clam Lake at Center Main Basin	

### Assessment Units

WBIC	Segment	Local Name	Official Name
2654200	3	Clam River	Clam River
2655300	1	Clam Lake, Lower	Lower Clam Lake
2656200	1	Clam Lake, Upper	Clam Lake

### Lab Account Codes

Account Code	Description	Start Date	End Date
LM016	Lake Planning Lab Services	01/01/1960	12/31/2099
LM017	LAKE MANAGEMENT PLANNING GRANT	01/01/1960	12/31/2099

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Account Code	Description	Start Date	End Date
LM018	LAKE MANAGEMENT PLANNING GRANT	01/01/1960	12/31/2099

### 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
10/22/2009 07:55	COMPLETE	LCLM-DH-F	10029236	Lower Clam Lake at Center
10/22/2009 11:00	COMPLETE	UCLM-DH-F	10029237	Upper Clam Lake at Center Main Basin

### Documents

Title	Description	Author	Published	Comments
Curly - leaf Pondweed and Bed Mapping Surveys		Endangered Resource Services, LLC - Matthew S. Berg	05/19/2009	
Phase One Final Summary Report: Lower and Upper Clam Lakes Point Intercept Plant Survey and Education Warm Water Point/Intercept Macrophyte Survey Upper and Lower Clam Lakes	Burnett County, Wisconsin WBIC: 2656200 and 2655300	Short Elliott Hendrickson Inc.	01/01/2011	
		Endangered Resource Services, LLC Matthew S. Berg, Research Biologist	07/27/2009	

### Budget

Combined Budgets:  
 Combined SLOH:  
 Combined Total:

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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