

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1347-10

Name: DANE COUNTY: Restoring Cherokee Lake- Sed. Hydrodynamics

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2010

End Date: 12/31/2012

Purpose: Dane County Land and Water Resources Department proposes to subcontract to the UW-Madison Dept. of Civil and Environmental Engineering an integrated research effort to understand the sediment dynamics in order to plan a restoration approach. Monitoring and modeling of water flow, wave characteristics, and sediment dynamics will be done. The resulting data will be used to evaluate methods to stabilize sediments and improve water clarity in this lake and downstream waters. A high-resolution bathymetric map and a sediment profile map will be created. Partners include Town of Westport, USGS and City of Madison.

Objective:

Comments: Grantee is DANE COUNTY

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
DANE COUNTY,	GRANT_RECIPIENT	ACTIVE	4/1/2010	12/31/2012	DANE COUNTY	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Dane County Land and Water Resources Department proposes to subcontract to the UW-Madison Dept. of Civil and Environmental Engineering an integrated research effort to understand the sediment dynamics in order to plan a restoration approach. Monitoring and modeling of water flow, wave characteristics, and sediment dynamics will be done. The resulting data will be used to evaluate methods to stabilize sediments and improve water clarity in this lake and downstream waters. A high-resolution bathymetric map and a sediment profile map will be created. Partners include Town of Westport, USGS and City of Madison.	4/1/2010	6/30/2012	COMPLETE
Map Depth of Lake (Bathymetry)		4/1/2010	6/30/2012	COMPLETE

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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
806500	1	Cherokee Lake	Cherokee Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
LM016	Lake Planning Lab Services	1/1/1960	12/31/2099
LM017	LAKE MANAGEMENT PLANNING GRANTS	1/1/1960	12/31/2099
LM018	LAKE MANAGEMENT PLANNING GRANTS	1/1/1960	12/31/2099

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
Sediment and Carp Dynamics in Lake Mendota's Yahara River Estuary	Prof. Chin Wu (Project Principal Investigator), UWMadison Dept. Civil Environ. Engineering Richard Lathrop (Project Co-Investigator), UWMadison Center for Limnology & Wis. DNR Kurt Welke (Project Co-Investigator), Wis. DNR, South Central Region	Prof. Chin Wu, Richard Lathrop, Kurt Welke	4/4/2013	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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7/25/2024

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