

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-1519-13

Name: DANE COUNTY: Assessment of WQ & Nearshore Fish Populations in Fish, Crystal and Mud Lakes

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2013

End Date: 12/31/2014

Purpose: Dane County intends to sample water quality, algae, and near-shore fish populations, Fish, Mud and Crystal Lakes in northern Dane County. Baseline data are needed to help develop recreational use plans for a new county park in the area, and to document changes that have occurred since the lakes have been flooded since 2006 due to rising groundwater. The sampling frequency and protocol will also allow DNR partners to assess the lakes for possible 303d listing. Mud Lake will also be sampled for aquatic plants as a baseline inventory, as well as carp. The County will evaluate the possibility of doing carp control to help restore aquatic plants and cleaner water for the fishery. A final report including methods, findings and recommendations will be created and will be shared with District partners, the media and the DNR.

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	6/13/2013		DANE COUNTY	
Filbert, Jennifer M	DATA_SUPPORT	INACTIVE	6/6/2013		Wisconsin DNR	
Graham, Susan	COORDINATOR	INACTIVE	6/6/2013	5/28/2021	Wisconsin DNR	
Jopke, Pete	TEAM_MEMBER	COMPLETE	12/18/2013	4/1/2021	Dane County Land & Water Resources Department	
Rebischke, Cody J	DATA_SUPPORT	INACTIVE	6/6/2013	12/31/2013	Lumberjack RC & D	
Scherer, Jeanne S	DATA_SUPPORT	INACTIVE	6/6/2013	2/28/2018	UW Extension	

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	Dane County intends to sample water quality, algae, and near-shore fish populations, Fish, Mud and Crystal Lakes in northern Dane County. Baseline data are needed to help develop recreational use plans for a new county park in the area, and to document changes that have occurred since the lakes have been flooded since 2006 due to rising groundwater.	4/1/2013	12/31/2014	PROPOSED
Project Deliverable	Recreational Use Plan, final report	4/1/2013	12/31/2014	PROPOSED
Grant Awarded	Dane County intends to sample water quality, algae, and near-shore fish populations, Fish, Mud and Crystal Lakes in northern Dane County. Baseline data are needed to help develop recreational use plans for a new county park in the area, and to document changes that have occurred since the lakes have been flooded since 2006 due to rising groundwater.	4/1/2013	12/31/2014	PROPOSED
Monitor Fish Community		4/1/2013	12/31/2014	PROPOSED
Aquatic Plant Monitoring or Survey		4/1/2013	12/31/2014	PROPOSED
Grant Awarded	Dane County intends to sample water quality, algae, and near-shore fish populations, Fish, Mud and Crystal Lakes in northern Dane County. Baseline data are needed to help develop recreational use plans for a new county park in the area, and to document changes that have occurred since the lakes have been flooded since 2006 due to rising groundwater.	4/1/2013	12/31/2014	COMPLETE
Monitor Water Quality or Sediment		4/1/2013	12/31/2014	PROPOSED

Monitoring Stations

Station ID	Name	Comments
133319	Crystal Lake - Deep Hole	
133120	Fish Lake - Deep Hole-Littoral Zone	
10015037	Mud Lake	

Assessment Units

WBIC	Segment	Local Name	Official Name
978900	1	Wi-173-Lw18-978900	Crystal Lake
985100	1	Fish Lake	Fish Lake
1006500	1	Mud Lake	Mud Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
LM019	LAKE MANAGEMENT PLANNING GRANTS	5/3/2012	6/30/2013
LM020	LAKE MANAGEMENT PLANNING GRANTS	4/18/2013	6/30/2014

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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
2/4/1991 12:05	COMPLETE	C2.5	133319	Crystal Lake - Deep Hole
6/13/2013 9:00	COMPLETE	F1	133120	Fish Lake - Deep Hole-Littoral Zone
6/13/2013 9:45	COMPLETE	M1	10015037	Mud Lake
6/13/2013 10:40	COMPLETE	C1	133319	Crystal Lake - Deep Hole
7/10/2013 10:00	COMPLETE	C1	133319	Crystal Lake - Deep Hole
7/10/2013 10:35	COMPLETE	M1	10015037	Mud Lake
7/10/2013 11:15	COMPLETE	F1	133120	Fish Lake - Deep Hole-Littoral Zone
8/15/2013 8:30	COMPLETE	C-1	133319	Crystal Lake - Deep Hole
8/15/2013 9:00	COMPLETE	M1	10015037	Mud Lake
8/15/2013 9:35	COMPLETE	F-1	133120	Fish Lake - Deep Hole-Littoral Zone
9/11/2013 9:30	COMPLETE	CI	133319	Crystal Lake - Deep Hole
9/11/2013 10:30	COMPLETE	MI	10015037	Mud Lake
9/11/2013 11:00	COMPLETE	NA	133120	Fish Lake - Deep Hole-Littoral Zone
6/10/2014 9:30	COMPLETE	C1	133319	Crystal Lake - Deep Hole
6/10/2014 10:00	COMPLETE	M1	10015037	Mud Lake
6/10/2014 10:30	COMPLETE	F1	133120	Fish Lake - Deep Hole-Littoral Zone
7/8/2014 10:00	COMPLETE	NA	133319	Crystal Lake - Deep Hole
7/8/2014 11:30	COMPLETE	NA	10015037	Mud Lake
7/8/2014 11:40	COMPLETE	NA	133120	Fish Lake - Deep Hole-Littoral Zone
8/12/2014 9:30	COMPLETE	C-1	133319	Crystal Lake - Deep Hole
8/12/2014 11:00	COMPLETE	M-1	10015037	Mud Lake
8/12/2014 11:30	COMPLETE	F-1	133120	Fish Lake - Deep Hole-Littoral Zone
9/9/2014 9:30	COMPLETE	C1	133319	Crystal Lake - Deep Hole
9/9/2014 10:00	COMPLETE	M1	10015037	Mud Lake
9/9/2014 11:00	COMPLETE	F1	133120	Fish Lake - Deep Hole-Littoral Zone

Documents

Title	Description	Author	Published	Comments
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Budget

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Combined Budgets:
Combined WSLH:
Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date