

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID:	113522226
Name:	Directed Lakes
Type:	Targeted Monitoring
Subtype:	
Status:	ACTIVE
Start Date:	2/6/2015
End Date:	12/31/2099
Purpose:	The Directed Lakes category has been created to initiate a standardized lake monitoring approach for plants and habitat. This category also budgets for monitoring activities that have been consistently proposed as part of the Local Needs projects each year.
Objective:	The objective of directed lake surveys is to strategically collect holistic lake information needed for assessment and management needs on a two-year planning cycle. The focus of this work is to collect biological, physical, and chemical data on lakes with a statewide perspective, but also to address localized lake management issues including: aquatic plant management, shoreland zoning, high capacity wells, lake restoration projects, dam regulations, and blue green algae blooms.
Comments:	
Outcome:	Condition assessment of water chemistry, plant communities, and shoreland habitat on lakes that have never been sampled or do not have recent information.
Study Design:	At a minimum, monitoring surveys will include: water chemistry samples for the Trophic Status Index (Secchi depth, water temperature/dissolved oxygen profiles, and an epilimnetic sample of total phosphorus and chlorophyll a taken at least once during the summer index period), an aquatic plant point-intercept survey, and a shoreland habitat survey. Lake selection will occur jointly between district and central office staff. Lakes are prioritized for monitoring if they are on the fisheries management monitoring rotation and if they lack other means of data collection (e.g., lake grants). Lakes shall be stratified by geographic location, lake type, and lake size. Some lakes shall be chosen for protection activities and some for impairment or restoration activities.
QA Measures:	Duplicates and blanks on 10% of water chemistry samples.

People

Name	Role	Status	Start Date	End Date	Organization	Comments
AARTILA, THOMAS P	SUPERVISOR	COMPLETE	2/6/2018	2/27/2024	Wisconsin DNR	
FANNING, SARAH R	TEAM_MEMBER	ACTIVE	6/25/2020		Wisconsin DNR	
HEIN, CATHERINE L	PROJECT_MANAGER	ACTIVE	2/6/2015	12/31/2099	Wisconsin DNR	
KALSCHEUR, MAUREEN M	PROJECT_MANAGER	ACTIVE	4/25/2016	12/31/2099	Wisconsin DNR	
MACDONALD, MOLLI M	PROJECT_MANAGER	ACTIVE	2/6/2015	12/31/2099	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
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Monitoring Stations

Wisconsin Department of Natural Resources SWIMS Project Summary

Station ID	Name	Comments
643229	Boulder Lake - Deep Hole	
10047089	Lake Mendota - Memorial Union Pier	
133125	Lake Waubesa - Deep Hole	
583056	Lost Land Lake - Deep Hole	
10006288	Sparkling Lake	

Assessment Units

WBIC	Segment	Local Name	Official Name
803700	1	Lake Waubesa	Lake Waubesa
805400	1	Mendota Lake	Lake Mendota
805400	40	Hoofers Dock Beach, Lake Mendota	Lake Mendota
1881900	1	Sparkling Lake (Silver)	Sparkling Lake
2338300	1	Boulder Lake	Boulder Lake
2418600	1	Lost Land Lake	Lost Land 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
2/20/2017	COMPLETE		10047089	Lake Mendota - Memorial Union Pier
6/15/2017 9:30	COMPLETE		10006288	Sparkling Lake

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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7/27/2024

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