Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: SPL-352-15
Name: CLEAN LAKES ALLIANCE: Near Shore Water Quality Monitoring
Type: Lakes Grant
Subtype: Small Scale Lake Planning
Status: COMPLETE
Start Date: 02/15/2015
End Date: 12/31/2015
Purpose: Clean Lakes Alliance will run a program to increase near-shore water quality monitoring in the Madison Lakes in 2015 to help with beach closure timeliness, and improve ability of the public to make decisions about swimming. They will recruit, train and equip lifeguards or volunteers monitor a minimum of 6 and up to a maximum of 16 public beaches, with a focus on once per week E. coli sampling. In addition, up to 44 citizen volunteers will do weekly end-of-pier assessments of turbidity, temperature and blue green algae presence. Samples will be collected and delivered to the city-county health lab. Data will be analyzed and shared with researchers at UW Madison who are interested in modeling algae blooms within near-shore areas, and made available to the public on a mobile-ready website. Also, a community presentation will be given at the end of the season to discuss findings and recommendations, and a final report, including raw data, will be submitted to the department.

Objective:
Comments: Grantee is CLEAN LAKES ALLIANCE
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Clean Lakes Alliance,	GRANT_RECIPII	ACTIVE	03/11/2015		Clean Lakes Alliance	
Graham, Susan	COORDINATOR	ACTIVE	03/11/2015		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments

Actions

Action	Detailed Description	Start	End Date	Status

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Monitoring Stations

Station ID	Name	Comments

Assessment Units

WBIC	Segment	Local Name	Official Name
798300	2	Yahara River	Yahara River
798300	3	Yahara River	Yahara River
798300	5	Yahara, Stoughton To L. Kegonsa	Yahara River

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WBIC	Segment	Local Name	Official Name
802600	1	Lake Kegonsa	Lake Kegonsa
802700	1	Unnamed Stream	Unnamed
803700	1	Lake Waubesa	Lake Waubesa
803700	2	Goodland Park	Lake Waubesa
804000	1	Upper Mud Lake	Upper Mud Lake
804600	1	Monona Lake	Lake Monona
804600	2	Brittingham Beach	Lake Monona
804600	3	Esther Park Beach	Lake Monona
804600	5	Hudson Park Beach	Lake Monona
804600	6	Bernies Beach	Lake Monona
804600	7	Olbrich Park Beach	Lake Monona
804600	9	BB Clark Beach, Monona Lake	Lake Monona
805400	1	Mendota Lake	Lake Mendota
805400	2	James Madison Park Beach	Lake Mendota
805400	3	Marshall Park Beach	Lake Mendota
805400	39	Spring Harbor Beach	Lake Mendota
805400	41	Memorial Union Pier Beach, Lake Mendota	Lake Mendota
805400	42	Tenny Park Beach, Lake Mendota	Lake Mendota
805400	43	Warner Park Beach, Lake Mendota	Lake Mendota
805500	1	Six Mile Creek	Sixmile Creek
5588729	1	Local Water	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date

Forms

Form Code	Form Name

Methods

Method Code	Description

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name

Documents

Title	Description	Author	Published	Comments
2015 Yahara Lakes 101 Presentation	Yahara Lakes 101 Presentation on what the Clean Lakes Alliance does, how to use MIOsoft, and updates for 2015.	Clean Lakes Alliance and MIOsoft		
CLA 2015 Beach Samples Collected in 2015	Spreadsheet of CLA beach samples collected in 2015. Spreadsheet lists sample number, site, collection date and time, and E. coli results and units.	Citizen Lakes Alliance		
Citizen Monitoring Final Report [Yahara Chain of Lakes]	The goal of the Clean Lakes Alliance¿s (CLA) citizen monitoring program is to use citizen science to investigate the near-shore environment, use this information to improve lake user satisfaction and safety, and also generate interest and	Clean Lakes Alliance	01/01/2016	

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	engagement with the lakes. Though several agencies conduct regular water sampling on the Madison-area lakes, most monitoring occurs far from shore, away from the beaches and access points where citizens interact with the lakes.			
Lakeforecast.org [Website]	Website that allows for viewing of the citizen lake monitoring data from sites around Lakes Mendota, Monona, Kegonsa, Waubesa, and Wingra. It is updated as soon as citizen monitoring data is uploaded to the website by monitors who sample at beaches and piers around the lakes.	Clean Lakes Alliance		
Near-shore Monitoring Data [Yahara Chain]	Spreadsheet recording algal blooms and water information (temperature, turbidity, etc.)	Citizen Lakes Alliance	01/01/2015	
Site Locations [Yahara Chain]	List of sites and locations to go along with sites map (separate document)	Citizen Lakes Alliance	01/01/2015	
Sites Map [Yahara Chain]	Map of sites where measurements were taken. Information on site locations can be found in Site Locations [Yahara Chain]	Citizen Lakes Association	01/01/2015	
Weekly E. coli sampling results [Yahara Chain]	Results of weekly E. coli sampling throughout the Yahara Chain	Citizen Lakes Alliance	01/01/2015	

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date