

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** AEPP-365-12

**Name:** UNIVERSITY OF WISCONSIN-MADISON: Research on Spiny Waterflea in Madison Lakes

**Type:** Aquatic Invasives Grant

**Subtype:** Aquatic Invasives Research Grant

**Status:** COMPLETE

**Start Date:** 4/1/2012

**End Date:** 6/30/2015

**Purpose:** The University of Wisconsin Board of Regents are sponsoring work by the Center for Limnology to increase our understanding of spiny waterflea invasion in lakes, and provide guidance for future management. This three year project will look at many aspects of understanding this species, from identification of transport vectors, determining best methods and timing to detect invasion, assessing the ecological impact of this species on plankton and fish communities in both northern and southern Wisconsin lakes. Annual updates will be submitted and the final report will be presented at local and national conferences, published in peer-reviewed literature, and shared with all project partners.

**Objective:**

**Comments:** Grantee is UNIVERSITY OF WISCONSIN-MADISON

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
UW-MADISON,	GRANT_RECIPIENT	ACTIVE	4/1/2012		UW-MADISON	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start Date	End Date	Status
Aquatic Invasives Research	UNIVERSITY OF WISCONSIN-MADISON: Research on Spiny Waterflea in Madison Lakes. Research to gain better understanding of Spiny Waterfleas and aspects pertaining to invasion detection and prevention	4/1/2012	6/30/2015	COMPLETE
Project Deliverable	Annual updates	4/1/2012	6/30/2015	PROPOSED
Informational Meetings	presentation of final report at local and national conference	4/1/2012	6/30/2015	PROPOSED
Project Deliverable	Final Report	4/1/2012	6/30/2015	PROPOSED
Grant Awarded	Monona	4/1/2012	6/30/2015	PROPOSED
Grant Awarded	Mendota	4/1/2012	6/30/2015	COMPLETE
Information and Education	publish results in peer-reviewed literature and shared with project partners	4/1/2012	6/30/2015	PROPOSED

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### Monitoring Stations

Station ID	Name	Comments
10002736	Gile Flowage	
10001206	Lake Kegonsa	
10001207	Lake Mendota	
10001208	Lake Monona	
10001209	Lake Waubesa	
10006081	Stormy Lake	

### Assessment Units

WBIC	Segment	Local Name	Official Name
798300	3	Yahara River	Yahara River
802600	1	Lake Kegonsa	Lake Kegonsa
802600	2	Lake Kegonsa State Park Beach	Lake Kegonsa
803700	1	Lake Waubesa	Lake Waubesa
803700	2	Goodland Park	Lake Waubesa
803700	3	Lake Waubesa - McDaniel Park Beach	Lake Waubesa
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	8	Olin Park Beach	Lake Monona
804600	9	BB Clark Beach, Monona Lake	Lake Monona
804600	10	Lake Monona - Schluter Beach	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	40	Hoofers Dock Beach, Lake Mendota	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
805400	44	Gov Nelson State Park Beach, Lake Mendota	Lake Mendota
805400	45	Lake Mendota - Maple Bluff Beach	Lake Mendota

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805400	46	Mendota County Park Beach	Lake Mendota
805500	1	Six Mile Creek	Sixmile Creek
1020300	1	Stormy Lake	Stormy Lake
4000009	1	Gile Flowage	Fifield Creek
4000009	4	Fifield Creek	Fifield Creek

### 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
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### Documents

Title	Description	Author	Published	Comments
Early detection, vectors, and impact of invasive spiny water flea in Wisconsin Lakes	Factsheet for research on spiny water flea detection, vectors, and impact.	AIS Research Team	10/1/2020	
Final report on DNR AIS project AEPP-365-12	Final report on DNR AIS project AEPP-365-12	Jake Walsh	3/24/2016	
Outbreak of an undetected invasive species triggered by a climate anomaly	This is a scientific article that was funded by SW grant AEPP-365-12	Jake Walsh, Samuel Munoz, M. Jake Vander Zanden	1/1/2016	

### Budget

#### Combined Budgets:

Combined WSLH:

Combined Total:                      \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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