

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1549-14

**Name:** RIVER ALLIANCE OF WISCONSIN: Part 2B Diagnostic & Feasibility Study for Bakken Pond & Long Lake

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/2014

**End Date:** 6/30/2016

**Purpose:** The River Alliance of Wisconsin proposes to conduct a more detailed assessment of groundwater contaminants to Long Lake and Bakkens Pond, sloughs of the Wisconsin River in Sauk County. This assessment will complete a diagnostic and feasibility study for these waters, and will be used to evaluate optimum buffer locations and sizes, and possibly other management actions, to reduce nutrient loading to these sensitive waters. Groundwater monitoring wells will be installed and monitored, lake water quality sampling will be performed, and metaphyton cover will be estimated, along with other hydrological information. Fish populations will also be surveyed to assess status of rare, sensitive species. This project will conclude with a final floodplain lakes management and restoration plan. Citizen group meetings will be held in conjunction with Friends of the Lower Wisconsin Riverway, Lower Wisc. State Riverway Board, and Town meetings. The final report will also be shared with local news outlets.

**Objective:**

**Comments:** Grantee is RIVER ALLIANCE OF WISCONSIN

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Graham, Susan	TEAM_MEMBER	INACTIVE	7/18/2014	5/28/2021	Wisconsin DNR	
Marshall, David W	TEAM_MEMBER	ACTIVE	7/18/2014		Underwater Habitat Investigations, LLC	
RIVER ALLIANCE OF WISCONSIN ,	GRANT_RECIPIENT	ACTIVE	4/1/2014	12/31/2015	RIVER ALLIANCE OF WISCONSIN	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start Date	End Date	Status
Lakes Planning Grant		4/1/2014	12/31/2015	PROPOSED
Diagnostic/Feasibility Assessment		4/1/2014	12/31/2015	PROPOSED

## Wisconsin Department of Natural Resources SWIMS Project Summary

Grant Awarded	The River Alliance of Wisconsin proposes to conduct a more detailed assessment of groundwater contaminants to Long Lake and Bakkens Pond, sloughs of the Wisconsin River in Sauk County. This assessment will complete a diagnostic and feasibility study for these waters, and will be used to evaluate optimum buffer locations and sizes, and possibly other management actions, to reduce nutrient loading to these sensitive waters. Groundwater monitoring wells will be installed and monitored, lake water quality sampling will be performed, and metaphyton cover will be estimated, along with other hydrological information. Fish populations will also be surveyed to assess status of rare, sensitive species. This project will conclude with a final floodplain lakes management and restoration plan. Citizen group meetings will be held in conjunction with Friends of the Lower Wisconsin Riverway, Lower Wisc. State Riverway Board, and Town meetings. The final report will also be shared with local news outlets.	4/1/2014	6/30/2016	PROPOSED
Monitor Fish Community		4/1/2014	12/31/2015	PROPOSED
Informational Meetings		4/1/2014	12/31/2015	PROPOSED
Issue News/Media Release		4/1/2014	12/31/2015	PROPOSED
Grant Awarded	The River Alliance of Wisconsin proposes to conduct a more detailed assessment of groundwater contaminants to Long Lake and Bakkens Pond, sloughs of the Wisconsin River in Sauk County. This assessment will complete a diagnostic and feasibility study for these waters, and will be used to evaluate optimum buffer locations and sizes, and possibly other management actions, to reduce nutrient loading to these sensitive waters. Groundwater monitoring wells will be installed and monitored, lake water quality sampling will be performed, and metaphyton cover will be estimated, along with other hydrological information. Fish populations will also be surveyed to assess status of rare, sensitive species. This project will conclude with a final floodplain lakes management and restoration plan. Citizen group meetings will be held in conjunction with Friends of the Lower Wisconsin Riverway, Lower Wisc. State Riverway Board, and Town meetings. The final report will also be shared with local news outlets.	4/1/2014	12/31/2015	COMPLETE
Project Deliverable	final floodplain lakes management and restoration plan.	4/1/2014	12/31/2015	PROPOSED
Monitor Water Quality or Sediment		4/1/2014	12/31/2015	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
10029026	Bakkens Pond - Center	

7/25/2024

## Wisconsin Department of Natural Resources SWIMS Project Summary

10017532	Bakkens Pond -- Landing	
10019775	Bakkens Pond -- Launch	
10042337	Bakkens Slough Well	
10042442	Floodplain Well near Long Lake	
10029027	Long Lake - near Laudon Park Road	
10042338	Long Slough Well	

### Assessment Units

WBIC	Segment	Local Name	Official Name
1236600	1	Long Lake	Long Lake
1236700	1	Local Water	Unnamed
1236900	1	Bakkens Pond	Bakkens Pond
1252400	1	Muskrat Run	Muskrat Run
1252500	1	Long Lake	Long Lake
1252600	1	Deacon Thomas Lake	Deacon Thomas Lake
5573776	1	Unnamed Lake	Unnamed

### 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
7/30/2014 15:30	COMPLETE	BP	10029026	Bakkens Pond - Center
7/30/2014 16:40	COMPLETE	LL	10029027	Long Lake - near Laudon Park Road
8/25/2014 11:30	COMPLETE	LL	10029027	Long Lake - near Laudon Park Road
8/25/2014 11:52	COMPLETE	BP	10029026	Bakkens Pond - Center
9/30/2014 10:00	COMPLETE	BP	10029026	Bakkens Pond - Center
9/30/2014 10:50	COMPLETE	LL	10029027	Long Lake - near Laudon Park Road
6/9/2015 11:50	COMPLETE	BP	10029026	Bakkens Pond - Center
6/9/2015 12:50	COMPLETE	LL	10029027	Long Lake - near Laudon Park Road
8/13/2015 12:10	COMPLETE	BP	10029026	Bakkens Pond - Center
8/13/2015 13:00	COMPLETE	LL	10029027	Long Lake - near Laudon Park Road
9/9/2015 14:00	COMPLETE	LL	10029027	Long Lake - near Laudon Park Road

## Wisconsin Department of Natural Resources SWIMS Project Summary

9/9/2015 15:00	COMPLETE	BP	10029026	Bakkens Pond - Center
6/29/2016 12:15	COMPLETE	BP	10017532	Bakkens Pond -- Landing
8/1/2016 10:00	COMPLETE	BP	10017532	Bakkens Pond -- Landing
8/29/2016 15:30	COMPLETE	BP	10017532	Bakkens Pond -- Landing
9/10/2016 10:20	COMPLETE	BS	10019775	Bakkens Pond -- Launch
8/21/2017 12:10	COMPLETE	BS	10017532	Bakkens Pond -- Landing

### 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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