

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** GLRI-9KM60

**Name:** Benthos & Plankton in WI Lake Michigan AOC (USGS # 9KM60)

**Type:** Great Lakes Restoration Initiative

**Subtype:** Accountability, Monitoring, Collaboration, Education, Partnership

**Status:** ACTIVE

**Start Date:** 07/01/2011

**End Date:** 06/30/2013

**Purpose:** Benthos (benthic invertebrate) and plankton (phytoplankton/zooplankton) communities in Wisconsin's four Lake Michigan Areas of Concern (AOCs; Menominee River, Lower Green Bay and Fox River, Sheboygan River, and Milwaukee Estuary) and six non-AOCs will be quantified. The inclusion of non-AOC sites will allow comparison of AOC sites to relatively unimpacted or less-impacted control sites with natural physical and chemical characteristics that are as close as possible to that of the AOCs. Comparison to less-impacted control sites as site pairs and as a group is consistent with the approaches used by other Great Lakes states, such as Michigan and Ohio (Michigan Department of Environmental Quality, 2008; Ohio EPA, 2008). The community data within and between the AOCs and non-AOCs will be analyzed and the differences and similarities will assist in determining the status of the communities and, when appropriate, support delisting of the "Degraded Benthos" and "Degradation of phytoplankton / zooplankton populations" beneficial use impairments in each AOC. This project is a cooperative agreement between the Wisconsin Department of Natural Resources (WDNR) and the US Geological Survey (USGS).

**Objective:**

**Comments:** DNR \$300,000 FY2012

**Outcome:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Bell, Amanda	INVESTIGATOR	ACTIVE	09/19/2011		USGS	
Eikenberry, Barb	INVESTIGATOR	ACTIVE	09/19/2011		USGS	
FAYRAM, ANDREW H	COORDINATOR	ACTIVE	09/19/2011		Wisconsin DNR	
HRON, STACY L	COORDINATOR	ACTIVE	09/19/2011		Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
12/31/2011	LAUREL LAST	Progress: 0-25% Cor	This project is being completed under contract with the USGS. The contract was drafted and approved by WDNR and USGS. The background research, site reconnaissance, equipment procurement and planning necessary before sampling are currently underway. A QAPP is in progress. Approx. 10% complete.

### Project Status Detail

Question	Answer
1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):	Q1 and Q2 (July 1st through December 31st, 2011)
2. Amount expended this reporting period:	\$122.78 for supplies. Also, \$168.40 was charged for lab analysis--this was not for this project!
3. Subcontracts or subgrants awarded this reporting period:	UW-Superior--\$32,625 for laboratory analysis. USGS--\$385,000 for project management, labor, and analysis.
4. QAPP (Project Plan) status:	QAPP in progress (being revised).
5. Local services and/or products purchased this reporting period:	None.
6. Number of jobs created this reporting period:	None.

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<b>Question</b>	<b>Answer</b>
7. Work accomplished this reporting period:	This project is being completed under contract with the USGS. The contract was drafted and approved by WDNR and USGS. The background research, site reconnaissance, equipment procurement and planning necessary before sampling are currently underway. A QAPP is in progress. Approx. 10% complete. Problems encountered: Timing of grant award resulted in delaying sampling until 2012.
8. Work goals for coming reporting period:	Full QAPP approval will be obtained by USGS.

### Actions

Action	Detailed Description	Start	End Date	Status
Grant Awarded	Benthos (benthic invertebrate) and plankton (phytoplankton/zooplankton) communities in Wisconsin's four Lake Michigan Areas of Concern (AOCs; Menominee River, Lower Green Bay and Fox River, Sheboygan River, and Milwaukee Estuary) and six non-AOCs will be quantified.	*****	06/30/2013	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
20	2	Bradford Beach, Lake Michigan	Lake Michigan
20	12	Lake Michigan	Lake Michigan

### Lab Account Codes

Account Code	Description	Start Date	End Date
GL006	BENTHOS & PLANKTON IN WI LAKE	05/03/2011	06/30/2012

### Forms

Form Code	Form Name
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### Methods

Method Code	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
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### Budget

Combined Budgets:  
Combined SLOH:

## Wisconsin Department of Natural Resources SWIMS Project Summary

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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