

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	COORDINATOR	ACTIVE	05/23/2012		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	
Nickel, Adam	TEAM_MEMBER	ACTIVE	10/14/2013			

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.
03/31/2012	STACY HRON	Progress: 0-25% Cor	QAPP has been completed and submitted for approval. Preparations for field work were completed during this quarter with sampling anticipated to begin in April 2012.
06/30/2012	STACY HRON	Progress: 25-50% Cc	QAPP Approved. First sampling event completed.
09/30/2012	STACY HRON	Progress: 50-75% Cc	Field work has been completed. Data analysis and reporting will begin when analysis is complete.
12/31/2012	STACY HRON	Progress: 75-100% C	Data analysis and reporting continue as analyses are completed and data is received.
03/31/2013	STACY HRON	Progress: 75-100% C	Data analysis and reporting continue as analyses are completed and data is received.
06/30/2013	STACY HRON	Progress: 75-100% C	Data analysis and reporting continue.
09/30/2013	Adam Nickel	Progress: 75-100% C	Data analysis and reporting will continue.
12/31/2013	Adam Nickel	Progress: 75-100% C	Data analysis is nearing completion and journal articles are being

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Date	Reported By	Status	Comments
			drafted. Reporting will continue next quarter.

Project Status Detail

Answer Set: DEFAULT

Question	Answer
1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):	Q2 - October 1 to December 31, 2013
2. Amount expended this reporting period:	see parent project for details
3. Subcontracts or subgrants awarded this reporting period:	none
4. QAPP (Project Plan) status:	approved
5. Local services and/or products purchased this reporting period:	none
6. Number of jobs created this reporting period:	none
7. Work accomplished this reporting period:	Data analysis and reporting continued. Drafting of journal articles began.
8. Work goals for coming reporting period:	Data analysis and reporting is projected to be finished during the next quarter.

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
10037430	Ahnapee River US 2nd St	
10037431	Escanaba River Mouth at Lake Michigan	
10037433	Fox River at De Pere, US Fox Point Boat Launch	
10037435	Fox River at RR Bridge US HWY54	
10037436	Kewaunee River US HWY42	
10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area	
10037444	Manitowoc River US 10th Street Bridge	
10037445	Menominee River US Ogden St Bridge	
10037446	Menomonee River US North 6th St	
10037447	Milwaukee Harbor DS 794	
10037448	Milwaukee River US East Knapp St	
10037449	Oconto River Mouth at Lake Michigan, US of Marina	
10037450	Root River at Racine US State Street	
10037451	Sheboygan River - at Sheboygan Harbor US of Marina	

Assessment Units

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

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WBIC	Segment	Local Name	Official Name
20	12	Lake Michigan	Lake Michigan
36	1	Sheboygan Harbor	Sheboygan Harbor
70	1	Green Bay (Inner Bay, Aoc)	Green Bay
2900	1	Root River	Root River
15000	1	Milwaukee River	Milwaukee River
15010	1	Milwaukee Harbor	Milwaukee Harbor Outer
16000	2	Menomonee River	Menomonee River
50700	1	Sheboygan River	Sheboygan River
71000	1	Manitowoc River (Main Stem)	Manitowoc River
90700	1	Kewaunee River And Marsh	Kewaunee River
94800	1	Ahnapee River	Ahnapee River
117900	1	Lower Fox River (Mouth To Depere Dam)	Fox River
440200	1	Oconto River	Oconto River
609000	1	Menominee River	Menominee River

Lab Account Codes

Account Code	Description	Start Date	End Date
GL006	BENTHOS & PLANKTON IN WI LAKE	05/03/2011	06/30/2012
GL024	BENTHOS & PLANKTON IN WI LAKE	04/01/2014	12/31/2014

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
05/29/2012 11:45	COMPLETE	GREESPP	10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area
05/29/2012 11:45	COMPLETE	ROOTSPP	10037450	Root River at Racine US State Street
05/29/2012 11:45	COMPLETE	ROOTSPP	10037450	Root River at Racine US State Street
05/29/2012 11:45	COMPLETE	ROOTSPP	10037450	Root River at Racine US State Street
05/29/2012 11:45	COMPLETE	ROOTSPP	10037450	Root River at Racine US State Street
05/30/2012 08:30	COMPLETE	MILHSPP	10037447	Milwaukee Harbor DS 794
05/30/2012 08:30	COMPLETE	MILHSPP	10037447	Milwaukee Harbor DS 794
05/30/2012 08:30	COMPLETE	MILHSPP	10037447	Milwaukee Harbor DS 794
05/30/2012 08:30	COMPLETE	MILHSPP	10037447	Milwaukee Harbor DS 794
05/31/2012 10:10	COMPLETE	MILRSPP	10037448	Milwaukee River US East Knapp St
05/31/2012 10:10	COMPLETE	MILRSPP	10037448	Milwaukee River US East Knapp St
05/31/2012 10:10	COMPLETE	MILRSPP	10037448	Milwaukee River US East Knapp St
05/31/2012 10:10	COMPLETE	MILRSPP	10037448	Milwaukee River US East Knapp St
05/31/2012 13:00	COMPLETE	MENOSPP	10037446	Menomonee River US North 6th St
05/31/2012 13:00	COMPLETE	MENOSPP	10037446	Menomonee River US North 6th St
05/31/2012 13:00	COMPLETE	MENOSPP	10037446	Menomonee River US North 6th St
05/31/2012 14:00	COMPLETE	MENOSPP	10037446	Menomonee River US North 6th St
06/04/2012 13:00	COMPLETE	GREESPP	10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area

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Start Date	Status	Field ID	Station ID	Station Name
06/04/2012 13:00	COMPLETE	GREESPP	10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area
06/04/2012 13:00	COMPLETE	GREESPP	057	Green Bay - Green Bay At Dead Horse Bay
06/05/2012 08:30	COMPLETE	FOXRSP	10037436	Kewaunee River US HWY42
06/05/2012 08:30	COMPLETE	FOXRSP	10037436	Kewaunee River US HWY42
06/05/2012 08:30	COMPLETE	FOXRSP	10037436	Kewaunee River US HWY42
06/05/2012 08:30	COMPLETE	FOXRSP	10037436	Kewaunee River US HWY42
06/05/2012 10:15	COMPLETE	FOXDSPP	10037433	Fox River at De Pere, US Fox Point Boat Launch
06/06/2012 09:00	COMPLETE	MANISPP	10037444	Manitowoc River US 10th Street Bridge
06/06/2012 09:00	COMPLETE	MANISPP	10037444	Manitowoc River US 10th Street Bridge
06/06/2012 09:00	COMPLETE	MANISPP	10037444	Manitowoc River US 10th Street Bridge
06/06/2012 09:00	COMPLETE	MANISPP	10037444	Manitowoc River US 10th Street Bridge
06/06/2012 09:15	COMPLETE	MANIRSP	10037444	Manitowoc River US 10th Street Bridge
06/06/2012 09:15	COMPLETE	MANIRSP	10037444	Manitowoc River US 10th Street Bridge
06/06/2012 09:15	COMPLETE	MANIRSP	10037444	Manitowoc River US 10th Street Bridge
06/06/2012 09:15	COMPLETE	MANIRSP	10037444	Manitowoc River US 10th Street Bridge
06/07/2012 08:30	COMPLETE	KEWASPP	10037436	Kewaunee River US HWY42
06/07/2012 08:30	COMPLETE	KEWASPP	10037436	Kewaunee River US HWY42
06/07/2012 08:30	COMPLETE	KEWASPP	10037436	Kewaunee River US HWY42
06/07/2012 08:30	COMPLETE	KEWASPP	10037436	Kewaunee River US HWY42
06/07/2012 11:15	COMPLETE	AHNASPP	10037430	Ahnapee River US 2nd St
06/07/2012 11:15	COMPLETE	AHNASPP	10037430	Ahnapee River US 2nd St
06/07/2012 11:15	COMPLETE	AHNASPP	10037430	Ahnapee River US 2nd St
06/07/2012 11:15	COMPLETE	AHNASPP	10037430	Ahnapee River US 2nd St
06/11/2012 11:00	COMPLETE	SHEBPSPP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
06/11/2012 11:00	COMPLETE	SHEBPSPP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
06/11/2012 11:00	COMPLETE	SHEBPSPP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
06/11/2012 11:00	COMPLETE	SHEBPSPP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
06/11/2012 11:15	COMPLETE	SHEBRSP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
06/11/2012 11:15	COMPLETE	SHEBRSP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
06/11/2012 11:15	COMPLETE	SHEBRSP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
06/11/2012 11:15	COMPLETE	SHEBRSP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
06/12/2012 13:30	COMPLETE	ESCASPP	10037431	Escanaba River Mouth at Lake Michigan
06/12/2012 13:30	COMPLETE	ESCASPP	10037431	Escanaba River Mouth at Lake Michigan
06/12/2012 13:30	COMPLETE	ESCASPP	10037431	Escanaba River Mouth at Lake Michigan
06/12/2012 13:30	COMPLETE	ESCASPP	10037431	Escanaba River Mouth at Lake Michigan
06/13/2012 08:30	COMPLETE	MENISPP	10037445	Menominee River US Ogden St Bridge
06/13/2012 08:30	COMPLETE	MENISPP	10037445	Menominee River US Ogden St Bridge
06/13/2012 08:30	COMPLETE	MENISPP	10037445	Menominee River US Ogden St Bridge
06/13/2012 08:30	COMPLETE	MENISPP	10037445	Menominee River US Ogden St Bridge
06/13/2012 12:30	COMPLETE	OCONSPP	10037449	Oconto River Mouth at Lake Michigan, US of Marina
06/13/2012 12:30	COMPLETE	OCONSPP	10037449	Oconto River Mouth at Lake Michigan, US of Marina
06/13/2012 12:30	COMPLETE	OCONSPP	10037449	Oconto River Mouth at Lake Michigan, US of Marina
06/13/2012 12:30	COMPLETE	OCONSPP	10037449	Oconto River Mouth at Lake Michigan, US of Marina
07/09/2012 11:00	COMPLETE	ROOTSMP	10037450	Root River at Racine US State Street
07/09/2012 11:00	COMPLETE	ROOTSMP	10037450	Root River at Racine US State Street
07/09/2012 11:00	COMPLETE	ROOTSMP	10037450	Root River at Racine US State Street
07/09/2012 11:00	COMPLETE	ROOTSMP (FX0000	10037450	Root River at Racine US State Street

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Start Date	Status	Field ID	Station ID	Station Name
07/09/2012 11:00	COMPLETE		10037450	Root River at Racine US State Street
07/10/2012 08:45	COMPLETE	MENOSMP	10037446	Menomonee River US North 6th St
07/10/2012 08:45	COMPLETE	MENOSMP	10037446	Menomonee River US North 6th St
07/10/2012 08:45	COMPLETE	MILHSMP	10037447	Milwaukee Harbor DS 794
07/10/2012 08:45	COMPLETE	MILHSMP	10037447	Milwaukee Harbor DS 794
07/10/2012 08:45	COMPLETE	MILHSMP (FX00008	10037446	Menomonee River US North 6th St
07/10/2012 08:45	COMPLETE		10037446	Menomonee River US North 6th St
07/10/2012 10:15	COMPLETE	MILRSMP	10037448	Milwaukee River US East Knapp St
07/10/2012 10:15	COMPLETE	MILRSMP	10037448	Milwaukee River US East Knapp St
07/10/2012 10:15	COMPLETE	MILRSMP	10037448	Milwaukee River US East Knapp St
07/10/2012 10:15	COMPLETE	MILRSMP (FX00009	10037448	Milwaukee River US East Knapp St
07/10/2012 10:15	COMPLETE		10037448	Milwaukee River US East Knapp St
07/10/2012 12:00	COMPLETE	MILHSMP	10037447	Milwaukee Harbor DS 794
07/10/2012 12:00	COMPLETE	MILHSMP	10037447	Milwaukee Harbor DS 794
07/10/2012 12:00	COMPLETE	MILHSMP	10037447	Milwaukee Harbor DS 794
07/10/2012 12:00	COMPLETE	MILHSMP (FX00009	10037447	Milwaukee Harbor DS 794
07/10/2012 12:00	COMPLETE		10037447	Milwaukee Harbor DS 794
07/11/2012 11:30	COMPLETE	MANISMP	10037444	Manitowoc River US 10th Street Bridge
07/11/2012 11:30	COMPLETE	MANISMP	10037444	Manitowoc River US 10th Street Bridge
07/11/2012 11:30	COMPLETE	MANISMP	10037444	Manitowoc River US 10th Street Bridge
07/11/2012 11:30	COMPLETE	MANISMP (FX00008	10037444	Manitowoc River US 10th Street Bridge
07/11/2012 11:30	COMPLETE		10037444	Manitowoc River US 10th Street Bridge
07/11/2012 11:45	COMPLETE	MANISMR	10037444	Manitowoc River US 10th Street Bridge
07/11/2012 11:45	COMPLETE	MANISMR	10037444	Manitowoc River US 10th Street Bridge
07/11/2012 11:45	COMPLETE	MANISMR	10037444	Manitowoc River US 10th Street Bridge
07/11/2012 11:45	COMPLETE	MANISMR (FX00008	10037444	Manitowoc River US 10th Street Bridge
07/11/2012 11:45	COMPLETE		10037444	Manitowoc River US 10th Street Bridge
07/12/2012 08:30	COMPLETE	KEWASMP	10037436	Kewaunee River US HWY42
07/12/2012 08:30	COMPLETE	KEWASMP	10037436	Kewaunee River US HWY42
07/12/2012 08:30	COMPLETE	KEWASMP	10037436	Kewaunee River US HWY42
07/12/2012 08:30	COMPLETE	KEWASMP (FX0000	10037436	Kewaunee River US HWY42
07/12/2012 08:30	COMPLETE		10037436	Kewaunee River US HWY42
07/12/2012 11:00	COMPLETE	AHNASMP	10037430	Ahnapee River US 2nd St
07/12/2012 11:00	COMPLETE	AHNASMP	10037430	Ahnapee River US 2nd St
07/12/2012 11:00	COMPLETE	AHNASMP	10037430	Ahnapee River US 2nd St
07/12/2012 11:00	COMPLETE	AHNASMP	10037430	Ahnapee River US 2nd St
07/12/2012 11:00	COMPLETE	AHNASMP (FX0000	10037430	Ahnapee River US 2nd St
07/12/2012 11:00	COMPLETE		10037430	Ahnapee River US 2nd St
07/16/2012 11:00	COMPLETE	SHEBSMP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
07/16/2012 11:00	COMPLETE	SHEBSMP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
07/16/2012 11:00	COMPLETE	SHEBSMP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
07/16/2012 11:00	COMPLETE	SHEBSMP (FX0000	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
07/16/2012 11:00	COMPLETE		10037451	Sheboygan River - at Sheboygan Harbor US of Marina
07/16/2012 11:15	COMPLETE	SHEBSMR	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
07/16/2012 11:15	COMPLETE	SHEBSMR	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
07/16/2012 11:15	COMPLETE	SHEBSMR	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
07/16/2012 11:15	COMPLETE	SHEBSMR (FX0000	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
07/16/2012 11:15	COMPLETE		10037451	Sheboygan River - at Sheboygan Harbor US of Marina

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Start Date	Status	Field ID	Station ID	Station Name
07/17/2012 08:15	COMPLETE	FOXRSMF	10037436	Kewaunee River US HWY42
07/17/2012 08:15	COMPLETE	FOXRSMF	10037436	Kewaunee River US HWY42
07/17/2012 08:15	COMPLETE	FOXRSMF (FX00008	10037436	Kewaunee River US HWY42
07/17/2012 08:30	COMPLETE	FOXRSMF	10037436	Kewaunee River US HWY42
07/17/2012 10:00	COMPLETE	FOXDSMF	10037433	Fox River at De Pere, US Fox Point Boat Launch
07/18/2012 07:30	COMPLETE		10037431	Escanaba River Mouth at Lake Michigan
07/18/2012 09:00	COMPLETE	GREESMF	10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area
07/18/2012 09:00	COMPLETE	GREESMF	10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area
07/18/2012 09:00	COMPLETE	GREESMF (FX0000	10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area
07/18/2012 09:00	COMPLETE		10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area
07/18/2012 11:30	COMPLETE	OCONSMP	10037449	Oconto River Mouth at Lake Michigan, US of Marina
07/18/2012 11:30	COMPLETE	OCONSMP	10037449	Oconto River Mouth at Lake Michigan, US of Marina
07/18/2012 11:30	COMPLETE	OCONSMP	10037449	Oconto River Mouth at Lake Michigan, US of Marina
07/18/2012 11:30	COMPLETE	OCONSMP (FX0000	10037449	Oconto River Mouth at Lake Michigan, US of Marina
07/18/2012 11:30	COMPLETE		10037449	Oconto River Mouth at Lake Michigan, US of Marina
07/19/2012 07:30	COMPLETE	ESCASMF	10037431	Escanaba River Mouth at Lake Michigan
07/19/2012 07:30	COMPLETE	ESCASMF	10037431	Escanaba River Mouth at Lake Michigan
07/19/2012 07:30	COMPLETE	ESCASMF	10037431	Escanaba River Mouth at Lake Michigan
07/19/2012 07:30	COMPLETE	ESCASMF (FX00008	10037431	Escanaba River Mouth at Lake Michigan
07/19/2012 11:30	COMPLETE	MENISMF	10037445	Menominee River US Ogden St Bridge
07/19/2012 11:30	COMPLETE	MENISMF	10037445	Menominee River US Ogden St Bridge
07/19/2012 11:30	COMPLETE	MENISMF	10037445	Menominee River US Ogden St Bridge
07/19/2012 11:30	COMPLETE	MENISMF (FX00008	10037445	Menominee River US Ogden St Bridge
07/19/2012 11:30	COMPLETE		10037445	Menominee River US Ogden St Bridge
08/20/2012 10:30	COMPLETE	ROOTFLP	10037450	Root River at Racine US State Street
08/20/2012 10:30	COMPLETE	ROOTFLP	10037450	Root River at Racine US State Street
08/20/2012 10:30	COMPLETE	ROOTFLP	10037450	Root River at Racine US State Street
08/20/2012 10:30	COMPLETE	ROOTFLP	10037450	Root River at Racine US State Street
08/21/2012	COMPLETE	MILHFLP	10037447	Milwaukee Harbor DS 794
08/21/2012 08:45	COMPLETE	MILRFLP	10037448	Milwaukee River US East Knapp St
08/21/2012 08:45	COMPLETE	MILRFLP	10037448	Milwaukee River US East Knapp St
08/21/2012 08:45	COMPLETE	MILRFLP	10037448	Milwaukee River US East Knapp St
08/21/2012 08:45	COMPLETE	MILRFLP	10037448	Milwaukee River US East Knapp St
08/21/2012 11:00	COMPLETE	MILHFLP	10037447	Milwaukee Harbor DS 794
08/21/2012 11:00	COMPLETE	MILHFLP	10037447	Milwaukee Harbor DS 794
08/21/2012 11:00	COMPLETE	MILHFLP	10037447	Milwaukee Harbor DS 794
08/21/2012 12:20	COMPLETE	MENOFLLP	10037446	Menomonee River US North 6th St
08/21/2012 12:20	COMPLETE	MENOFLLP	10037446	Menomonee River US North 6th St
08/21/2012 12:20	COMPLETE	MENOFLLP	10037446	Menomonee River US North 6th St
08/21/2012 12:20	COMPLETE	MENOFLLP	10037446	Menomonee River US North 6th St
08/22/2012 13:10	COMPLETE	SHEBFLP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
08/22/2012 13:10	COMPLETE	SHEBFLP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
08/22/2012 13:10	COMPLETE	SHEBFLP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
08/22/2012 13:10	COMPLETE	SHEBFLP	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
08/22/2012 13:25	COMPLETE	SHEBFLR	10037451	Sheboygan River - at Sheboygan Harbor US of Marina

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Start Date	Status	Field ID	Station ID	Station Name
08/22/2012 13:25	COMPLETE	SHEBFLR	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
08/22/2012 13:25	COMPLETE	SHEBFLR	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
08/22/2012 13:25	COMPLETE	SHEBFLR	10037451	Sheboygan River - at Sheboygan Harbor US of Marina
08/23/2012 11:00	COMPLETE	MANIFLP	10037444	Manitowoc River US 10th Street Bridge
08/23/2012 11:00	COMPLETE	MANIFLP	10037444	Manitowoc River US 10th Street Bridge
08/23/2012 11:00	COMPLETE	MANIFLP	10037444	Manitowoc River US 10th Street Bridge
08/23/2012 11:00	COMPLETE	MANIFLP	10037444	Manitowoc River US 10th Street Bridge
08/23/2012 11:15	COMPLETE	MANIFLR	10037444	Manitowoc River US 10th Street Bridge
08/23/2012 11:15	COMPLETE	MANIFLR	10037444	Manitowoc River US 10th Street Bridge
08/23/2012 11:15	COMPLETE	MANIFLR	10037444	Manitowoc River US 10th Street Bridge
08/23/2012 11:15	COMPLETE	MANIFLR	10037444	Manitowoc River US 10th Street Bridge
08/23/2012 17:00	COMPLETE	KEWAFLP	10037436	Kewaunee River US HWY42
08/23/2012 17:00	COMPLETE	KEWAFLP	10037436	Kewaunee River US HWY42
08/23/2012 17:00	COMPLETE	KEWAFLP	10037436	Kewaunee River US HWY42
08/23/2012 17:00	COMPLETE	KEWAFLP	10037436	Kewaunee River US HWY42
08/25/2012 14:30	COMPLETE	GREEFLP	10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area
08/27/2012 11:45	COMPLETE	FOXRFLP	10037436	Kewaunee River US HWY42
08/27/2012 11:45	COMPLETE	FOXRFLP	10037436	Kewaunee River US HWY42
08/27/2012 11:45	COMPLETE	FOXRFLP	10037436	Kewaunee River US HWY42
08/27/2012 11:45	COMPLETE	FOXRFLP	10037436	Kewaunee River US HWY42
08/27/2012 13:15	COMPLETE	FOXDFLP	10037433	Fox River at De Pere, US Fox Point Boat Launch
08/28/2012 10:00	COMPLETE	AHNAFLP	10037430	Ahnapee River US 2nd St
08/28/2012 10:00	COMPLETE	AHNAFLP	10037430	Ahnapee River US 2nd St
08/28/2012 10:00	COMPLETE	AHNAFLP	10037430	Ahnapee River US 2nd St
08/28/2012 10:00	COMPLETE	AHNAFLP	10037430	Ahnapee River US 2nd St
08/28/2012 14:30	COMPLETE	GREEFLP	10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area
08/28/2012 14:30	COMPLETE	GREEFLP	10037530	Lake Michigan Dead Horse Bay (Green Bay) South of State Wildlife Area
08/29/2012 10:00	COMPLETE	ESCAFLP	10037431	Escanaba River Mouth at Lake Michigan
08/29/2012 10:00	COMPLETE	ESCAFLP	10037431	Escanaba River Mouth at Lake Michigan
08/29/2012 10:00	COMPLETE	ESCAFLP	10037431	Escanaba River Mouth at Lake Michigan
08/29/2012 10:00	COMPLETE	ESCAFLP	10037431	Escanaba River Mouth at Lake Michigan
08/29/2012 14:00	COMPLETE	MENIFLP	10037445	Menominee River US Ogden St Bridge
08/29/2012 14:00	COMPLETE	MENIFLP	10037445	Menominee River US Ogden St Bridge
08/29/2012 14:00	COMPLETE	MENIFLP	10037445	Menominee River US Ogden St Bridge
08/29/2012 14:00	COMPLETE	MENIFLP	10037445	Menominee River US Ogden St Bridge
08/30/2012 09:00	COMPLETE	OCONFLP	10037449	Oconto River Mouth at Lake Michigan, US of Marina
08/30/2012 09:00	COMPLETE	OCONFLP	10037449	Oconto River Mouth at Lake Michigan, US of Marina
08/30/2012 09:00	COMPLETE	OCONFLP	10037449	Oconto River Mouth at Lake Michigan, US of Marina
08/30/2012 09:00	COMPLETE	OCONFLP	10037449	Oconto River Mouth at Lake Michigan, US of Marina

Documents

Title	Description	Author	Published	Comments
Plankton Benthos Project QAPP approved version	PDF with EPA signatures	Amanda Bell	05/01/2012	
Quarterly Progress Report (Plankton & Benthos)		Stacy Hron	09/30/2012	

Wisconsin Department of Natural Resources SWIMS Project Summary

Title	Description	Author	Published	Comments
Quarterly Progress Report (Plankton & Benthos) - Apr-June 2012		Stacy Hron	06/30/2012	
Quarterly Progress Report (Plankton & Benthos) - Apr-June 2013		Stacy Hron	06/30/2013	
Quarterly Progress Report (Plankton & Benthos) - Jan-Mar 2012			03/31/2012	
Quarterly Progress Report (Plankton & Benthos) - Jan-Mar 2013			03/31/2013	
Quarterly Progress Report (Plankton and Benthos) - July-September 2013		Adam Nickel	09/30/2013	
Quarterly Progress Report (Plankton & Benthos) - Oct-Dec 2012		Stacy Hron	12/31/2012	
Revised Project Overview 2013		Amanda Bell		
SWIMS project summary GLRI-9KM60 benthos & plankton Q1-2	SWIMS project summary for GLRI-9KM60 Benthos & Plankton in WI Lake Michigan AOCs (Q1-2 report).	SWIMS	02/03/2012	

Budget

Combined Budgets:

Combined SLOH:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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