

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** NER\_06\_CMP11

**Name:** East Alaska Lake-Continuation of FY10 303(d) NER\_06\_11

**Type:** Targeted Monitoring

**Subtype:** Newly Proposed

**Status:** ACTIVE

**Start Date:** 07/01/2010

**End Date:** 06/30/2011

**Purpose:** East Alaska Lake is currently listed as impaired because of contaminated fish tissue. Major watershed modifications have been installed which has significantly decreased external phosphorus loading to the lake. In 2009, water quality sampling and an aquatic plant survey was completed on East Alaska Lake. This project would be a continuation of the water quality monitoring effort.

**Objective:** These data are needed to assess the existing condition of the lake and determine 1). if East Alaska Lake should be added to the 303(d) list in 2012 for additional impairments, and 2). how significant the internal phosphorus loading is to the lake and if an alum treatment is recommended to reduce summer algae blooms.

Mary Gansberg will collect water quality (Carlson's trophic status) data on East Alaska Lake to determine the existing status of the lake and help assess the need for restoration efforts. Water chemistry samples will be collected at two locations (deep hole and shallow hole) and at two depths (top 2 meters and just off the bottom). Dissolved oxygen and temperature profiles will be collected at two locations during each sampling event. In addition, zebra mussel veligers and spiny waterflea sampling will be done during July and August.

**Comments:** Project Category 3: Continuation of FY2010 Special Projects

**Outcome:** Performance Measures: These are milestones that will be reported on in the Division Quarterly Report. Please estimate dates in a manner that encourages success.

1) Number of sample sites associated with the project.

2

2) Number of sampling events associated with project.

6

3) Estimated date when sample collection will be complete.

9/30/2010

4) Estimated date when all data will be entered into appropriate database.

6/30/2011

5) Estimated date when final report will be complete.

6/30/2011

### Project Statuses

Date	Reported By	Status	Comments
12/07/2010	MOLLI MACDONALD	Progress: 25-50% Compl	Project looks to be on schedule. For some of the events, can't tell the shallow field events from the deep ones from the coding. That would be a nice detail to have entered in the description field if there is time. Need January status update.
01/06/2011	MARY GANSBERG	Complete	

### Project Status Detail

Question	Answer
1. Number of Sample Sites (Enter the station IDs if you know them).	2
2. Number of Sample Events (Indicate how many trips into the field you anticipate for this project).	6
3. Proposed Dates for Sample Collection	4/21/2010, 7/1/2010, 7/25/2010 8/21/2010, 9/21/2010, 10/21/2010
4. List applicable databases and who will enter data?	Jay Schiefelbein or Mary Gansberg will enter data into MS excel and/or SWIMS.

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Question	Answer
5. Did you receive competitive projects funding in the previous year?	Yes
6. If yes to question 5, did you complete the projects including data entry and reports as necessary? If not, why not?	Yes
7. Reviewer Notes: Identify questions or issues with project (use during review period)	
8. Reviewer Decision: Is this project recommended for funding?	

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
GANSBERG, MARY K	PROJECT_LEAD	ACTIVE	07/01/2010	06/30/2011	Wisconsin DNR	
SCHIEFELBEIN, JEREMIAH	TEAM_MEMBER	INACTIVE	03/04/2010		Wisconsin DNR	

### Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor or Propose 303(d) Listing	WBIC 94200, East Alaska Lake Kewaunee County	07/01/2010	06/30/2011	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
10031100	East Alaska Lake	
313121	East Alaska Lake - Deep Hole	

### Assessment Units

WBIC	Segment	Local Name	Official Name
94200	1	East Alaska Lake	East Alaska Lake

### Lab Account Codes

Account Code	Description	Start Date	End Date
WT128	LAKES SPECIAL PROJECTS	06/18/2010	06/30/2011

### Forms

Form Code	Form Name
SECCHI_TEMPDO_PLI	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity

### Methods

Method Code	Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
04/05/2010 11:40	COMPLETE		10031100	East Alaska Lake
07/28/2010 10:30	COMPLETE	EAL-DS	313121	East Alaska Lake - Deep Hole
07/28/2010 10:30	COMPLETE		313121	East Alaska Lake - Deep Hole
07/28/2010 10:45	COMPLETE	EAL-DB	313121	East Alaska Lake - Deep Hole
07/28/2010 11:15	COMPLETE	EAL-SS	10031100	East Alaska Lake
07/28/2010 11:15	COMPLETE		10031100	East Alaska Lake

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Start Date	Status	Field ID	Station ID	Station Name
07/28/2010 11:30	COMPLETE	EAL-SB	10031100	East Alaska Lake
08/16/2010 10:15	COMPLETE	EAL-DS	313121	East Alaska Lake - Deep Hole
08/16/2010 10:15	COMPLETE		313121	East Alaska Lake - Deep Hole
08/16/2010 10:30	COMPLETE	EAL-DB	313121	East Alaska Lake - Deep Hole
08/16/2010 11:15	COMPLETE	EAL-SS	10031100	East Alaska Lake
08/16/2010 11:15	COMPLETE		10031100	East Alaska Lake
08/16/2010 11:30	COMPLETE	EAL-SB	10031100	East Alaska Lake
08/31/2010 11:00	COMPLETE	EAL-DS	313121	East Alaska Lake - Deep Hole
08/31/2010 11:00	COMPLETE		313121	East Alaska Lake - Deep Hole
08/31/2010 11:30	COMPLETE	EAL-DB	313121	East Alaska Lake - Deep Hole
08/31/2010 11:55	COMPLETE		10031100	East Alaska Lake
08/31/2010 12:00	COMPLETE	EAL-SS	10031100	East Alaska Lake
08/31/2010 12:30	COMPLETE	EAL-SB	10031100	East Alaska Lake
09/14/2010 11:15	COMPLETE	EAL-DS	313121	East Alaska Lake - Deep Hole
09/14/2010 11:15	COMPLETE		313121	East Alaska Lake - Deep Hole
09/14/2010 11:30	COMPLETE	EAL-DB	313121	East Alaska Lake - Deep Hole
09/14/2010 12:15	COMPLETE		10031100	East Alaska Lake
09/14/2010 12:30	COMPLETE	EAL-SS	10031100	East Alaska Lake
09/14/2010 12:45	COMPLETE	EAL-SB	10031100	East Alaska Lake
10/25/2010 11:00	COMPLETE	EAL-DS	313121	East Alaska Lake - Deep Hole
10/25/2010 11:00	COMPLETE		313121	East Alaska Lake - Deep Hole
10/25/2010 11:45	COMPLETE	EAL-DB	313121	East Alaska Lake - Deep Hole
10/25/2010 12:00	COMPLETE	EAL-SS	10031100	East Alaska Lake
10/25/2010 12:00	COMPLETE		10031100	East Alaska Lake
10/25/2010 12:15	COMPLETE	EAL-SB	10031100	East Alaska Lake

### Documents

Title	Description	Author	Published	Comments
East Alaska Aquatic Plant Survey Results 2009		Jay Schiefelbein	02/24/2010	
East Alaska Report		Mary Gansberg	02/24/2010	
East Alaska Water Quality Data 2009		Mary Gansberg	02/24/2010	
Project Memo		Mary Gansberg	02/24/2010	

### Budget

Code	Description	Quantity	Units	Unit Cost	Total Cost
FTE	FTE Hours	40	Hours	\$0.00	\$0.00
LTE SAL	LTE Salary		Hours	\$13.00	\$0.00
LTE FR	LTE Fringe				\$0.00
LTE IND	LTE Indirect				\$0.00
LTE TOT	LTE Total Cost				\$0.00
SUPPLY	Supplies				\$0.00
MILEAGE	Mileage	450	Miles	\$0.37	\$166.50
MEAL	Meals	8	Meals	\$9.00	\$72.00
LODGE	Lodging				\$0.00
TRAVEL	Travel Total				\$238.50
BUG	Bug Contracts				\$0.00

April 8, 2011

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<b>Code</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total Cost</b>
OTHER	Other Contracts				\$0.00
EQUIP	Equipment				\$0.00
USGS	USGS Costs				\$0.00
TOTAL	Total Cost (excludes SLOH)				\$238.50

<b>Test Code</b>	<b>Description</b>	<b>Test Group</b>	<b># Planned</b>	<b>Unit Cost</b>	<b>Total Cost</b>
I251UNF	CHLOROPHYLL A, FLUORESCENCE, FF (EPA 445.0)	INORGANIC CHEMISTRY	8	\$23.28	\$186.24
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	24	\$23.60	\$566.40
I720BLT	FIELD TESTS	INORGANIC CHEMISTRY	24	\$6.36	\$152.64

**Total SLOH Lab Costs:** \$905.28