

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: WCR_14_CMP13B

Name: Eau Claire County Reservoir Tier II Monitoring 303d Listing and Watershed Management Implementation - WCR_14_CMP

Type: Competitive Projects

Subtype: TMDL Monitoring

Status: ACTIVE

Start Date: 07/01/2013

End Date: 12/31/2014

Purpose: Lake Eau Claire (1998) and Lake Altoona (2000) were assessed to determine watershed nutrient and sediment loads, assess in lake water quality and develop a water quality response model (BATHTUB). This project will monitor these lakes to determine if current inlake conditions meet water quality standards. Lake Eau Claire will be installing a whole lake aeration system winter/spring 2013 to control a very large internal nutrient load. This project will include evaluation monitoring to evaluate the effectiveness of the aeration system. Coon Fork Lake Watershed had several BMP installed in 2003-2005 and many acres have had nutrient management plans implemented on dairy and row crop farms.

Objective: Determine if Lake Altoona and Lake Eau Claire should be included in the 303d List.

Determine if water quality goals have been achieved in Coon Fork Lake.

Comments: Continuing. Sites will be added after recon.

- Outcome:**
1. Project will provide water quality data needed to determine the 303D listing.
 2. Evaluate if TP concentrations have been reduced in Coon Fork Lake with the implementation of BMP's on Ag Land in the Coon Fork Lake Watershed.
 3. Assess in Lake Water quality conditions resulting from watershed BMP installation.
 4. Conduct weekly DO\Temp monitoring at multiple locations May through September in Lake Eau Claire and prepare report.
 5. Conduct continuous temperature stratification assessment at 2 sites in Lake Eau Claire and Prepare Report.
 6. Conduct surface, mid depth and bottom total and dissolved phosphorus monitoring in Lake Eau Claire.

People

Name	Role	Status	Start Date	End Date	Organization	Comments
LEPSCH, JODI A	COORDINATOR	ACTIVE	07/01/2012	12/31/2012	Wisconsin DNR	
Sorge, Patrick W	COORDINATOR	ACTIVE	07/01/2013	12/31/2012	Wisconsin DNR	
TROMBLY, NEIL R	TEAM_MEMBER	ACTIVE	07/01/2012	12/31/2014	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
03/16/2012	Patrick Sorge	Proposed	
02/01/2013	Patrick Sorge	Active	

Project Status Detail

Question	Answer
1. Number of Sample Sites (Enter the station IDs if you know them).	5 Sample sites
2. Number of Sample Events (Indicate how many trips into the field you anticipate for this project).	3 event July 15 - September 15
3. Proposed Dates for Sample Collection	July, August, September
4. List applicable databases and who will enter data?	SWIMS Jodi Lepsch
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

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Question	Answer
7. Reviewer Notes: Identify questions or issues with project (use during review period)	
8. Reviewer Decision: Is this project recommended for funding?	

Actions

Action	Detailed Description	Start	End Date	Status
Lake Management Plan Implementation		*****	12/31/2014	PROPOSED

Monitoring Stations

Station ID	Name	Comments
184002	Altoona Lake - Deep Hole	
183081	Coon Fork Lake - Deep Hole	
183075	Eau Claire Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
2125600	1	Eau Claire River	Eau Claire River
2128100	1	Lake Altoona	Altoona Lake
2133200	1	Eau Claire Lake	Eau Claire Lake
2135100	1	Coon Fork Creek	Coon Fk Creek
2135600	1	Coon Fork Flowage	Coon Fork Flowage

Lab Account Codes

Account Code	Description	Start Date	End Date
WT142	303D/TMDL MONITORING	05/03/2011	06/30/2014
WT155	LAKES SPECIAL PROJECTS	05/11/2012	06/30/2013

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
08/09/1979	COMPLETE		184002	Altoona Lake - Deep Hole
04/03/2012 10:00	COMPLETE		183081	Coon Fork Lake - Deep Hole
07/24/2012 08:45	COMPLETE	CF1	183081	Coon Fork Lake - Deep Hole
07/24/2012 08:45	COMPLETE	CF1	183081	Coon Fork Lake - Deep Hole
07/24/2012 09:45	COMPLETE	EC1	183075	Eau Claire Lake - Deep Hole
07/24/2012 09:45	COMPLETE	EC1	183075	Eau Claire Lake - Deep Hole
07/24/2012 11:00	COMPLETE	AL1	184002	Altoona Lake - Deep Hole
07/24/2012 11:00	COMPLETE	AL1	184002	Altoona Lake - Deep Hole
07/24/2012 11:00	COMPLETE		184002	Altoona Lake - Deep Hole
07/24/2012 11:00	COMPLETE		184002	Altoona Lake - Deep Hole

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Start Date	Status	Field ID	Station ID	Station Name
08/15/2012 12:30	COMPLETE	CF1	183081	Coon Fork Lake - Deep Hole
08/15/2012 16:00	COMPLETE	LEC1	183075	Eau Claire Lake - Deep Hole
08/15/2012 17:00	COMPLETE	AL1	184002	Altoona Lake - Deep Hole
08/15/2012 17:00	COMPLETE		184002	Altoona Lake - Deep Hole
09/12/2012 09:45	COMPLETE	CF1	183081	Coon Fork Lake - Deep Hole
09/12/2012 10:30	COMPLETE	LEC1	183075	Eau Claire Lake - Deep Hole
09/12/2012 12:00	COMPLETE	LA1	184002	Altoona Lake - Deep Hole
09/12/2012 12:00	COMPLETE		184002	Altoona Lake - Deep Hole
	SCHEDULED		183081	Coon Fork Lake - Deep Hole
	SCHEDULED		183075	Eau Claire Lake - Deep Hole
	SCHEDULED		184002	Altoona Lake - Deep Hole
	SCHEDULED		183081	Coon Fork Lake - Deep Hole
	SCHEDULED		183075	Eau Claire Lake - Deep Hole
	SCHEDULED		184002	Altoona Lake - Deep Hole
	SCHEDULED		183075	Eau Claire Lake - Deep Hole
	SCHEDULED		183081	Coon Fork Lake - Deep Hole
	SCHEDULED		184002	Altoona Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
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Budget

Budget Description: St. Croix Gage Project **Start Date:** 07/01/2013 **End Date:** 12/31/2013

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours		Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	220	Hours	\$16.00	\$3,520.00	
LTE FR	LTE Fringe				\$869.44	
LTE IND	LTE Indirect				\$709.77	
LTE TOT	LTE Total Cost				\$5,099.21	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	520	Miles	\$0.72	\$374.40	
MEAL	Meals	8	Meals	\$9.00	\$72.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$446.40	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$5,545.61	Add 6 Total Iron Samples to SLOH Budget

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I251UNL	CHLOROPHYLL A, FLUORESCENCE (EPA 445.00)	INORGANIC CHEMISTRY	9	\$24.52	\$220.68
I290ALT	COLOR, TRUE, PT-CO (SM 2120B)	INORGANIC CHEMISTRY	1	\$25.00	\$25.00
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	14	\$23.60	\$330.40
I720BLT	FIELD TESTS	INORGANIC CHEMISTRY	14	\$6.36	\$89.04

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Total SLOH Lab Costs: \$665.12

Combined Budgets: \$5,545.61

Combined SLOH: \$665.12

Funding

Organization	Source	Type	Amount	Start Date	End Date
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