

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: NER_05_CMP14
Name: Lower Oconto River Watershed 303(d) waters evaluation and Lakes - NER_05_CMP14 - Year 2
Type: Competitive Projects
Subtype: Impaired Water Assessment
Status: ACTIVE
Start Date: 01/01/2014
End Date: 12/31/2014
Purpose: This project will be year 2 of obtaining baseline monitoring for the lake portion of the Lower Oconto River watershed assessment. The 3 lakes that are proposed to be sampled include Balcom, Newton, and Finnegan. The monitoring will establish these lakes with water quality impairments so that future monitoring to identify stressors will be supported by biological data for future 303(d) listings.
Objective: Lake data will be used to provide a general condition assessment to determine if further monitoring is needed to identify impairment status. The sample events will follow the WisCALM guidance. The WBIC for Balcom is 417500. The WBIC for Finnegan is 420600. The WBIC for Newton is 450600. Year 2 sampling will occur within 2 weeks of ice off, and once in July, August, and September.
Comments: Proposed for continuation from Watershed Planning Monitoring in 2012 (formerly project ID NER_11_CMP13B).
Outcome: Sufficient data will be collected to determine if the lakes are impaired and will fill the data gaps for the completion of the watershed assessment. A report will be produced that will analyze and summarize the data in a manner consistent with WisCALM.
Study Design: LAKES
 1) There will be 1 sample site associated with each of the 3 lakes.
 2) There will be 1 sampling event in fiscal year 2014 and 3 sampling events in 2015 at each lake.
 3) The sampling will be completed in September of 2014. One sample will be collected at each lake in the spring and three at each lake in the summer.
 4) All data will be entered into the data base by October 2014.
 5) The final report will be complete in November of 2013.
 6) SWIMS will be used as the database for storage.
 7) The Biologist or LTE will be responsible for entering the data.
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Gansberg, Mary K	COORDINATOR	COMPLETE	01/01/2014	12/31/2014	Wisconsin DNR	
Hudak, Andrew J	COORDINATOR	COMPLETE	01/01/2013	12/31/2013	Wisconsin DNR	
MACDONALD, MOLLI M	DATA_ENTRY	ACTIVE	10/20/2014		Wisconsin DNR	
McLennan, Robin	SUPERVISOR	ACTIVE	01/01/2014	12/31/2014	Wisconsin DNR	
Nordin, Brenda L	COORDINATOR	COMPLETE	01/01/2014	12/31/2014	Wisconsin DNR	
Perdzock, Amanda R	COORDINATOR	INACTIVE	07/03/2014		River Alliance	
SELNER, BRANDON J	COORDINATOR	ACTIVE	01/01/2013	12/31/2013	Wisconsin DNR	
Vermillion, Karen	DATA_ENTRY	ACTIVE	10/10/2014		Wisconsin Department of Natural Resources - NER	

Project Statuses

Date	Reported By	Status	Comments
03/13/2013	RUTH PERSON	Proposed	Per the Joint Review Committee's request, projects Lower Oconto River Watershed 303(d) waters evaluation and Lakes - NER_11_CMP13B, and Oconto River Watershed Assessment (Lakes) - NER_17_CMP13B were combined into one bundled project for WR PMT review. They are now both under Lower Oconto River Watershed 303(d) waters evaluation and Lakes - NER_11_CMP13B.

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Date	Reported By	Status	Comments
09/16/2013	Brenda Nordin	Progress: 25-50% Complete	This is the first year of the Tier 1 monitoring on the lakes portion of this project. All of the required sampling has been completed. We are currently in the process of entering the data. The data will be entered in by december 31, 2013.
05/09/2014	Brenda Nordin	Progress: 50-75% Complete	This is the 2nd year of a 2 year project. We completed the 1st set of a total of four samples for this year. This project should be finished in September and the final report will be in SWIMS in December.
08/04/2014	Brenda Nordin	Progress: 50-75% Complete	The project is 75% complete. We still have 2 more sampling events. The report will be done in December.

Project Status Detail

Answer Set: DEFAULT

Question	Answer
1. Number of Sample Sites (Enter the station IDs if you know them).	3 sites to include (WBIC # 417500, 420600, 450600) 1 site per lake = 3 lakes
2. Number of Sample Events (Indicate how many trips into the field you anticipate for this project).	4 trips for lakes
3. Proposed Dates for Sample Collection	Lakes-April, July, August, and September
4. List applicable databases and who will enter data?	Data to be entered into SWIMS by Brenda Nordin or LTE.
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?	

Actions

Action	Detailed Description	Start	End Date	Status
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Monitoring Stations

Station ID	Name	Comments
10039551	Balcom Lake - Deep Hole	
10039552	Finnegan Lake Deep Hole	
10039550	Newton Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
417500	1	Balcom Lake	Balcom Lake
420600	1	Finnegan Lake	Finnegan Lake
450500	1	Unnamed Stream	Unnamed
450600	1	Newton Lake	Newton Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
WT142	303D/TMDL MONITORING	05/03/2011	12/31/2014

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Forms

Form Code	Form Name
SECCHI_TEMPDO_PLI	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity
BENTHOS MEASUREM	Secchi,Temp,DO,Turb,conductance,depth

Methods

Method Code	Description
CLMN INTEGRATED SAMPLE	Citizen Lake Monitoring - 6 ft integrated sampler
DNR-FPM2101 DISSOLVED OXYGEN METERS	DNR Field Procedures Manual, 2101 DISSOLVED OXYGEN METERS

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/29/2013 10:00	COMPLETE	OCONTO RIVER W/	10039550	Newton Lake - Deep Hole
05/29/2013 10:00	COMPLETE		10039550	Newton Lake - Deep Hole
05/30/2013 10:40	COMPLETE	OCONTO RIVER W/	10039552	Finnegan Lake Deep Hole
05/30/2013 11:00	COMPLETE		10039552	Finnegan Lake Deep Hole
07/23/2013	COMPLETE	OCONTO RIVER W/	10039551	Balcom Lake - Deep Hole
07/23/2013 10:30	COMPLETE		10039552	Finnegan Lake Deep Hole
07/23/2013 14:00	COMPLETE		10039551	Balcom Lake - Deep Hole
08/20/2013 11:00	COMPLETE		10039551	Balcom Lake - Deep Hole
08/20/2013 11:00	COMPLETE		10039551	Balcom Lake - Deep Hole
08/20/2013 13:15	COMPLETE	NEWTON	10039550	Newton Lake - Deep Hole
08/20/2013 14:00	COMPLETE		10039552	Finnegan Lake Deep Hole
09/03/2013 10:00	COMPLETE		10039552	Finnegan Lake Deep Hole
09/03/2013 13:00	COMPLETE		10039551	Balcom Lake - Deep Hole
09/03/2013 13:00	COMPLETE		10039551	Balcom Lake - Deep Hole
09/05/2013	COMPLETE	BALCOM LAKE	10039551	Balcom Lake - Deep Hole
09/05/2013	COMPLETE	FINNEGAN LAKE	10039552	Finnegan Lake Deep Hole
09/05/2013	COMPLETE	NEWTON LAKE	10039550	Newton Lake - Deep Hole
09/18/2013	COMPLETE		10037758	Unnamed Trib to Oconto River
09/18/2013	COMPLETE		10037762	Unnamed Trib to Oconto
09/18/2013	COMPLETE		10016244	Newton Creek - Highway 22/32 Gillett
09/18/2013	COMPLETE		433321	Coopmen Creek at Ccc Rd
09/18/2013	COMPLETE		10037771	Unnamed Trib to Oconto River
04/20/2014	COMPLETE		10039551	Balcom Lake - Deep Hole
04/20/2014 12:40	COMPLETE	BL-3	10039551	Balcom Lake - Deep Hole
04/30/2014	COMPLETE		10039551	Balcom Lake - Deep Hole
04/30/2014 11:15	COMPLETE	FL-2	10039552	Finnegan Lake Deep Hole
07/25/2014	COMPLETE		10039550	Newton Lake - Deep Hole
07/25/2014 09:15	COMPLETE	BL-3	10039551	Balcom Lake - Deep Hole
07/25/2014 09:15	COMPLETE		10039551	Balcom Lake - Deep Hole
07/25/2014 10:00	COMPLETE	NL-1	10039550	Newton Lake - Deep Hole
07/25/2014 11:00	COMPLETE	FL-4	10039552	Finnegan Lake Deep Hole
07/25/2014 11:00	COMPLETE		10039552	Finnegan Lake Deep Hole
08/22/2014	COMPLETE		10039552	Finnegan Lake Deep Hole
08/22/2014	COMPLETE		10039551	Balcom Lake - Deep Hole
08/22/2014 11:00	COMPLETE		10039550	Newton Lake - Deep Hole
09/10/2014	COMPLETE		10039552	Finnegan Lake Deep Hole
09/10/2014	COMPLETE		10039551	Balcom Lake - Deep Hole

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Start Date	Status	Field ID	Station ID	Station Name
09/10/2014 12:30	COMPLETE		10039550	Newton Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
Lower Oconto Follow-up Streams Assessment		Hudak Andrew		

Budget

Budget Description: January- June **Start Date:** 01/01/2013 **End Date:** 06/30/2013

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	48	Hours	\$0.00	\$0.00	[4 Trips x 1 FTE x 10 hr/day] [1 Trip/FTE 8hrs]
LTE SAL	LTE Salary	48	Hours	\$13.00	\$624.00	[2 Trips x 2 LTE x 10 hr/day] [1Tip/LTE 8hrs]
LTE FR	LTE Fringe				\$154.13	
LTE IND	LTE Indirect				\$125.82	
LTE TOT	LTE Total Cost				\$903.95	
SUPPLY	Supplies	1		\$25.00	\$25.00	Shipping Costs
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	625	Miles	\$0.72	\$450.00	5 round trips
MEAL	Meals	11	Meals	\$9.00	\$99.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$549.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$1,477.95	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I251UNF	CHLOROPHYLL A, FLUORESCENCE, FF (EPA 445.0)	INORGANIC CHEMISTRY	0	\$23.28	\$0.00
I470DLT	TOTAL KJELDAHL NITROGEN (AS N) (EPA 351.2)	INORGANIC CHEMISTRY	3	\$32.99	\$98.97
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	3	\$23.60	\$70.80

Total SLOH Lab Costs: \$169.77
Total Budget: \$1,647.72

Budget Description: July-December **Start Date:** 07/01/2013 **End Date:** 12/31/2013

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	24	Hours	\$0.00	\$0.00	[1 Trip x 1 FTE x 10 hr/day] [3 trips x 1 FTEx 8hr/day]
LTE SAL	LTE Salary	24	Hours	\$14.00	\$336.00	[1 Trip x 1 LTE x 8hr/day]
LTE FR	LTE Fringe				\$82.99	
LTE IND	LTE Indirect				\$67.75	
LTE TOT	LTE Total Cost				\$486.74	
SUPPLY	Supplies	3		\$75.00	\$225.00	Shipping Costs
EQUIP	Equipment				\$0.00	

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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
MILEAGE	Mileage	400	Miles	\$0.72	\$288.00	4 round trips
MEAL	Meals	7	Meals	\$9.00	\$63.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$351.00	
BUG	Bug Contracts	5		\$180.00	\$900.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$1,962.74	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I251UNF	CHLOROPHYLL A, FLUORESCENCE, FF (EPA 445.0)	INORGANIC CHEMISTRY	9	\$23.28	\$209.52
I460GLT	NITRATE + NITRITE (AS N) (EPA 353.2)	INORGANIC CHEMISTRY	3	\$27.00	\$81.00
I470DLT	TOTAL KJELDAHL NITROGEN (AS N) (EPA 351.2)	INORGANIC CHEMISTRY	3	\$32.99	\$98.97
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	9	\$23.60	\$212.40

Total SLOH Lab Costs: \$601.89

Total Budget: \$2,564.63

Budget Description: July - December 2014	Start Date:	End Date:
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours		Hours	\$0.00	\$0.00	[1 Trip x 1 FTE x 10 hr/day] [3 trips x 1 FTE x 8hr/day]
LTE SAL	LTE Salary		Hours	\$13.00	\$0.00	[1 Trip x 1 LTE x 8hr/day]
LTE FR	LTE Fringe				\$0.00	
LTE IND	LTE Indirect				\$0.00	
LTE TOT	LTE Total Cost				\$0.00	
SUPPLY	Supplies	3		\$75.00	\$225.00	Shipping Costs
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	300	Miles	\$0.72	\$216.00	4 round trips
MEAL	Meals	6	Meals	\$9.00	\$54.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$270.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$495.00	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
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Total SLOH Lab Costs: \$0.00

Total Budget: \$495.00

Budget Description: Jan - June 2014	Start Date:	End Date:
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	8	Hours	\$0.00	\$0.00	[4 Trips x 1 FTE x 10 hr/day] [1 Trip/FTE 8hrs]
LTE SAL	LTE Salary	8	Hours	\$14.00	\$112.00	
LTE FR	LTE Fringe				\$27.66	[4 Trips x 1 LTE x 10 hr/day] [1 Tip/LTE 8hrs]
LTE IND	LTE Indirect				\$22.58	
LTE TOT	LTE Total Cost				\$162.25	
SUPPLY	Supplies	1		\$25.00	\$25.00	Shipping Costs
EQUIP	Equipment	254.61		\$1.00	\$254.61	Trolling Motor - Minn Kota 40 lb Thrust and 12 volt battery
MILEAGE	Mileage	100	Miles	\$0.72	\$72.00	4 round trips
MEAL	Meals	2	Meals	\$9.00	\$18.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$90.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$531.86	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
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Total SLOH Lab Costs: \$0.00

Total Budget: \$531.86

Combined Budgets: \$4,467.55

Combined SLOH: \$771.66

Combined Total: \$5,239.21

Funding

Organization	Source	Type	Amount	Start Date	End Date
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