

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: SER_05_CMP13B
Name: 303 D validation project for Potters Lake, Walworth County and Little Muskego Lake, Waukesha County - SER_05_CMP13B
Type: Competitive Projects
Subtype: Impaired Water Assessment
Status: ACTIVE
Start Date: 07/15/2013
End Date: 12/31/2013
Purpose: Heidi Bunk will collect TP and Chlorophyll a samples from Potters Lake in Walworth County at the established "Middle of Lake". Samples will be collected 3 times between July 16th and September 15th in both the summers of 2012 and 2013. Secchi disk measurement and a hydrolab profile will also be collected (Temp, pH, D.O., Cond). Heidi Bunk will collect TP and Chlorophyll a samples from Little Muskego Lake in Waukesha County at the established "Deep Hole" as well as central north bay. This lake is a "raised" lake. The deep hole has very different set of water quality characteristics than the shallow, flooded wetland areas. Secchi disk measurement and a hydrolab profile will also be collected (Temp, pH, D.O., Cond).
Objective: The project will collect TP and Chlorophyll a data for both lakes to see if the values fall below or above the thresholds listed in WISCALM. Two years of values are needed to determine if each lake will be a listed water or not. WBIC for Potters Lake is 753800; WBIC for Little Muskego is 762700.
 I wrote this project for the summers of 2012 and 2013. I am also open to starting this project in the summer of 2013.
Comments: Continuation of 2012 sampling to 2013 per WISCALM guidance.
Outcome: Project outcome will be the collection of data to meet the data threshold for the WISCALM guidance. Project deliverables will be 6 sets of TP and Chlorophyll a data over two years for each lake as well as 6 secchi disk readings and 6 hydrolab profiles. Little Muskego will have two sampling sites; Potters will have one sampling site.

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Bunk, Heidi J	PROJECT_LEAD	ACTIVE	07/16/2013	12/31/2013	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
03/26/2012	Heidi Bunk	Proposed	
02/01/2013	Heidi Bunk	Active	Summer of 2012 data collection is complete. Proposing 2013 sampling to meet threshold of WISCALM guidance.

Project Status Detail

Question	Answer
1. Number of Sample Sites (Enter the station IDs if you know them).	2 on Little Muskego, 1 on Potters
2. Number of Sample Events (Indicate how many trips into the field you anticipate for this project).	3 per year per lake
3. Proposed Dates for Sample Collection	July 16th through Sept 15th
4. List applicable databases and who will enter data?	SWIMS, Heidi Bunk entered profile data into SWIMS.
5. Did you receive competitive projects funding in the previous year?	No
6. If yes to question 5, did you complete the projects including data entry and reports as necessary? If not, why not?	Yes, sampling in 2012 was completed. Data was downloaded automatically from the SLOH. Wish to repeat in 2013 to meet WISCALM guidance.
7. Reviewer Notes: Identify questions or issues with project (use during review period)	
8. Reviewer Decision: Is this project recommended for funding?	

Actions

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Action	Detailed Description	Start	End Date	Status
Monitor or Propose 303(d) Listing		*****	12/31/2013	PROPOSED

Monitoring Stations

Station ID	Name	Comments
683127	Little Muskego Lake - Deep Hole	
10037943	Little Muskego Lake North Bay	
653220	Potter Lake - Middle of Lake	

Assessment Units

WBIC	Segment	Local Name	Official Name
753800	1	Potter Lake	Potter Lake
762500	1	Muskego Creek	Muskego Creek
762700	1	Little Muskego Lake	Little Muskego Lake

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
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Methods

Method Code	Description
WATER GRAB: INTEGRATED	Water Grab Sampling: Integrated Sampler

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
07/31/2012 11:20	COMPLETE		653220	Potter Lake - Middle of Lake
08/23/2012 08:38	COMPLETE	POT1	653220	Potter Lake - Middle of Lake
08/23/2012 08:40	COMPLETE		653220	Potter Lake - Middle of Lake
08/23/2012 10:38	COMPLETE	LMUSK1	683127	Little Muskego Lake - Deep Hole
08/23/2012 10:40	COMPLETE		683127	Little Muskego Lake - Deep Hole
08/23/2012 11:15	COMPLETE		10037943	Little Muskego Lake North Bay
08/23/2012 11:16	COMPLETE	LMUSK2	10037943	Little Muskego Lake North Bay
09/05/2012 12:25	COMPLETE	POTTERS1	653220	Potter Lake - Middle of Lake
09/05/2012 12:25	COMPLETE		653220	Potter Lake - Middle of Lake
09/06/2012 10:10	COMPLETE	LMUSK2	10037943	Little Muskego Lake North Bay
09/06/2012 10:30	COMPLETE	LMUSK1	683126	Little Muskego Lake - (Inlet)
09/06/2012 10:30	COMPLETE		683127	Little Muskego Lake - Deep Hole
09/19/2012 11:39	COMPLETE	LMUSK2	10037943	Little Muskego Lake North Bay
09/19/2012 11:40	COMPLETE		10037943	Little Muskego Lake North Bay
09/19/2012 11:54	COMPLETE	LMUSK1	683127	Little Muskego Lake - Deep Hole
09/19/2012 11:55	COMPLETE		683127	Little Muskego Lake - Deep Hole

Documents

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Title	Description	Author	Published	Comments
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Budget

Budget Description: 303 d validation for Little Muskego and Potters in 2013 **Start Date:** 07/15/2013 **End Date:** 12/31/2013

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	50	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	30	Hours	\$14.00	\$420.00	
LTE FR	LTE Fringe				\$103.74	
LTE IND	LTE Indirect				\$84.69	
LTE TOT	LTE Total Cost				\$608.43	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	200	Miles	\$0.72	\$144.00	
MEAL	Meals	6	Meals	\$9.00	\$54.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$198.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$806.43	

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
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	9	\$23.60	\$212.40

Total SLOH Lab Costs: \$421.92

Combined Budgets: \$806.43

Combined SLOH: \$421.92

Funding

Organization	Source	Type	Amount	Start Date	End Date
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