

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: WCR_18_CMP13B

Name: Wisconsin River 2013 HUC 12 Data Gap Analysis - WCR_18_CMP13B

Type: Competitive Projects

Subtype: Impaired Water Assessment

Status: ACTIVE

Start Date: 05/01/2013

End Date: 10/31/2013

Purpose: In 2012 Water Resources staff collected total phosphorus samples at 96 stream sites in the Wisconsin River Basin. A total of six growing season samples (May through October) were collected to assess total phosphorus concentrations at a HUC 12 level. Application of the current WISCALM guidance indicated that 12 stream segments were exceeding high in total phosphorus and will be recommended for listing on the 2014 303d impaired waters list. An additional five sites exceeded the total phosphorus criteria and have poor macroinvertebrate IBIs. These sites will also be recommended for 303d listing as a result of biological impairment and total phosphorus exceedence.

Additional monitoring is proposed for 2013 at sites that require another year of total phosphorus data and at sites lacking biological data. Total phosphorus sampling was not completed throughout the growing season at 10 sites due to dry stream conditions caused by the 2012 drought. These sites will be sampled in 2013. Total phosphorus sampling will also be completed for another summer at 21 sites because results from data collected in 2012 was not conclusive. Therefore a total of 31 sites will be sampled for total phosphorus.

Macroinvertebrate samples will be collected at 33 sites to assess biological conditions at all sites with total phosphorus data. Biological confirmation is required to assess impairment at sites where total phosphorus exceeds the State's criteria but is less than 2x the criteria. If total phosphorus is more than 2x the criteria biological confirmation is not required.

Staff in Western, Eastern and Southern District will complete the monitoring.

Objective: The objective of this study is to collect followup total phosphorus and macroinvertebrate data at sites monitored in 2012 where additional data is needed to make an impairment decision. When data has been uploaded to SWIMS it will be analyzed to make impairment decisions for the 2016 integrated report.

Comments: This is a continuing Project from 2012

Outcome: There are 31 total phosphorus and 33 macroinvertebrate sites to be sampled for this project. Total phosphorus will be collected at each site monthly through the growing season (May through October) for a total of 186 samples.

62 total phosphorus samples in FY 13
124 total phosphorus samples in FY14

Macroinvertebrate samples will be collected at 33 sites during the fall of FY14.

Data collected will be used to make impairment decisions for the 2016 Integrated Report. The data will be automatically uploaded to SWIMS

People

Name	Role	Status	Start Date	End Date	Organization	Comments
HAZUGA, MARK J	COORDINATOR	ACTIVE	05/01/2013	10/31/2013	Wisconsin DNR	
JACOBSON, MATTHEW J	TEAM_MEMBER	ACTIVE	05/01/2013	10/31/2013	Wisconsin DNR	
KLOSIEWSKI, JAMES M	TEAM_MEMBER	ACTIVE	05/01/2013	10/31/2013	Wisconsin DNR	
OLDENBURG, PATRICK S	TEAM_MEMBER	ACTIVE	05/01/2013	10/31/2013	Wisconsin DNR	
Provost, Scott M	TEAM_MEMBER	ACTIVE	05/01/2013	10/31/2013	Wisconsin DNR	
RASMUSSEN, KURT A	TEAM_MEMBER	ACTIVE	05/01/2013	10/31/2013	Wisconsin DNR	
SORGE, MICHAEL J	TEAM_MEMBER	ACTIVE	05/01/2013	10/31/2013	Wisconsin DNR	
UNMUTH, JEAN M	TEAM_MEMBER	ACTIVE	05/01/2013	10/31/2013	Wisconsin DNR	

Wisconsin Department of Natural Resources SWIMS Project Summary

Project Statuses

Date	Reported By	Status	Comments
01/20/2013	MARK HAZUGA	Proposed	

Project Status Detail

Question	Answer
1. Number of Sample Sites (Enter the station IDs if you know them).	31 TP sites 33 Macroinvertebrate sites
2. Number of Sample Events (Indicate how many trips into the field you anticipate for this project).	6 TP sampling events * 31 sites = 186
3. Proposed Dates for Sample Collection	1 macroinvertebrate sampling event = 33 TP May through October Macroinvertebrates October/November
4. List applicable databases and who will enter data?	SWIMS
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. Analysis of 2012 data will propose listing 17 sites in Integrated Report. This project will fill data gaps indentified by 2012 project.
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
Monitor or Propose 303(d) Listing	Impairment monitoring within the Wisconsin River TMDL	*****	10/31/2013	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
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Lab Account Codes

Account Code	Description	Start Date	End Date
WT142	303D/TMDL MONITORING	05/03/2011	06/30/2014

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
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Documents

Title	Description	Author	Published	Comments
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Budget

Wisconsin Department of Natural Resources SWIMS Project Summary

Budget Description: May - June FY 13 Budget **Start Date:** 05/01/2013 **End Date:** 06/28/2013

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	90	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	90	Hours	\$14.00	\$1,260.00	
LTE FR	LTE Fringe				\$311.22	
LTE IND	LTE Indirect				\$254.07	
LTE TOT	LTE Total Cost				\$1,825.29	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	1800	Miles	\$0.72	\$1,296.00	
MEAL	Meals	12	Meals	\$9.00	\$108.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$1,404.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$3,229.29	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	62	\$23.60	\$1,463.20
I720BLT	FIELD TESTS	INORGANIC CHEMISTRY	62	\$6.36	\$394.32

Total SLOH Lab Costs: \$1,857.52

Budget Description: July -October FY14 **Start Date:** 07/01/2013 **End Date:** 10/31/2013

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	120	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	213	Hours	\$14.00	\$2,982.00	
LTE FR	LTE Fringe				\$736.55	
LTE IND	LTE Indirect				\$601.29	
LTE TOT	LTE Total Cost				\$4,319.84	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	3700	Miles	\$0.72	\$2,664.00	
MEAL	Meals		Meals	\$9.00	\$0.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$2,664.00	
BUG	Bug Contracts	33		\$180.00	\$5,940.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$12,923.84	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	124	\$23.60	\$2,926.40
I720BLT	FIELD TESTS	INORGANIC CHEMISTRY	124	\$6.36	\$788.64

Total SLOH Lab Costs: \$3,715.04

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Combined Budgets: \$16,153.13

Combined SLOH: \$5,572.56

Funding

Organization	Source	Type	Amount	Start Date	End Date
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