

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: NOR_09_CMP10
Name: NOR_09_CMP10 Totogatic River Monitoring for Wild River rule implementation
Type: Targeted Monitoring
Subtype: Watershed Project
Status: COMPLETE
Start Date: 07/01/2010
End Date: 06/30/2011
Purpose: Continue annual surveys of the length of the Totogatic River to monitor this newly designated Wild River. Monitoring may include docks and other structures, habitat, fisheries, invertbrates, and water quality.

Objective: Initial surveys were completed during the 2010 field season. Survey the river to geolocate all bridges, crossings, docks and buildings on the river for a baseline for future wild river compliance efforts. NR 302 prohibits grading on the banks (in excess of 10,000 square feet) and placement of new docks. It also prohibits digging ponds near the river, and dredging, or constructing new docks and bridges (other than public highway bridges). A complete survey, including aerial reconnaissance, will be needed to determine if any work done on the river was done before or after bill passage. Compile survey findings in an appropriate database and paper files and share with local partners as appropriate.

Comments: Some survey work will need to be done annually or bi-annually to monitor compliance with NR 302.

Outcome: Survey data is compiled into an ARCview map showing existing features for future comparison. All data is archived for comparison with any new data and photos collected if complaints are received and enforcement or correction is sought in the future.

As time allows, a letter will be sent to existing landowners with documentation of the existence of their dock and other features if questions arise in the future. Files will be kept for comparison and shared with local zoning offices.

Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
AARTILA, THOMAS P	TEAM_MEMBER	ACTIVE	07/01/2009	06/30/2011	Wisconsin DNR	Needed for reaches in Sawyer County
BARTILSON, KATHY M	PROJECT_LEAD	ACTIVE	07/01/2009	06/30/2011	Wisconsin DNR	
CAHOW, JAMES M	TEAM_MEMBER	INACTIVE	07/01/2009	06/30/2011	Wisconsin DNR	
CUNNINGHAM, JOSEPH L	COORDINATOR	ACTIVE	02/23/2012		Wisconsin DNR	
HARRINGTON, DANIEL J	INVESTIGATOR	ACTIVE	07/01/2009	06/30/2011	Wisconsin DNR	
KAFURA, DAVID J	INVESTIGATOR	ACTIVE	07/01/2009	06/30/2011	Wisconsin DNR	Sawyer County reaches
LARSON, NANCY J	TEAM_MEMBER	ACTIVE	07/01/2009	06/30/2011		Needed for reaches in Bayfield and Sawyer Counties
MANZ, CORDELL H	TEAM_MEMBER	ACTIVE	07/01/2009	06/30/2011	Wisconsin DNR	Bayfield County reaches
OLSON, KIRK W	TEAM_MEMBER	ACTIVE	07/01/2010	06/30/2013	Wisconsin DNR	
Roesler, Craig P	TEAM_MEMBER	COMPLETE	07/01/2009	06/30/2011	Wisconsin DNR	Sawyer County reaches
SLAMINSKI, EDWARD M	TEAM_MEMBER	COMPLETE	07/01/2009	06/30/2011	Wisconsin DNR	
SPANGBERG, JOHN E	INVESTIGATOR	ACTIVE	07/01/2009	06/30/2011	Wisconsin DNR	Bayfield County reaches

Project Statuses

Date	Reported By	Status	Comments
02/27/2009	KATHY BARTILSON	Proposed	
01/25/2011	JAMES CAHOW	Progress: 50-75% Complete	Proposed continuation of 2010 project
08/23/2012	KATHY BARTILSON	Progress: 75-100% Complete	Monitoring for illegal docks, human-induced erosion, and access conditions continues. The section of river from Bridge Road to County Line Road in Washburn County was surveyed in June, and no new docks or problems were found. Letters were sent to two landowners verifying that their docks

Wisconsin Department of Natural Resources SWIMS Project Summary

Date	Reported By	Status	Comments
			were present prior to the designation in 2009, and that the docks could remain.

Project Status Detail
Answer Set: DEFAULT

Question	Answer
1. Project Category (SP 12 (Measure W); 303(d) Waters; Continuation (TMDL, Use Designation); New Projects; Wetlands, CBSM 2. Regional Priority by Category (ex: SP12-1, SP12-2, etc.) 3. Number of Sample Sites (Enter the station IDs if you know them). 4. Number of Sample Events (Indicate how many trips into the field you anticipate for this project). 5. Proposed Dates for Sample Collection 6. List applicable databases and who will enter data? 7. FTE Hours (Funds) Needed	Use Designation (classification as a state Wild River); New projects Approximately 4 for macroinvertebrates; entire river length for development documentation Year 1 - 8 to 10; Subsequent years - 5(one per designated reach, except for two days required for lowest reach) DNR staff will enter data in SWIMS and a regional database being produced for development documentation (ARCVIEW most likely) ~300 hours to inventory existing piers and recreational bridges, train staff, coordinate with county programs and partner groups, and provide public information: Basin Supervisors: 160 DNR Water Management Specialists: 80 hours Community Assistance Specialist: 20 hours; Water Quality Biologist: 20 hours It should take less staff, time, and travel in second year.
8. LTE Hours (Funds) Needed	\$3000 (200 hours at \$15/hour for surveys, ARCVIEW file generation and map creation)
9. Supplies - Describe in Detail	
10. Describe Travel Needed	\$300 for travel for ground surveys, plus \$2500 for DNR Aviation for low-level flight and photography of ~70 miles of river.
11. UWSP Macroinvertebrate Samples (How Many?)	4 to 6 per year - not able to locate cost/sample to calculate total.
12. Additional Contractual dollars - Who? What? and How much?	
13. Equipment - What is needed and Why? (New Equipment, Cost?)	Use of very accurate Trimble (or similar) GPS unit - will try to borrow one from a county partner or other DNR program
14. Capital Equipment >\$5,000 - Describe needed equipment [Note: Federal funds cannot be used to purchase capital equipment].	
15. State Lab of Hygiene Analyses: Describe the number, type of parameters - See Worksheet	None
16. Partner Contributions: Describe any funding provided by other DNR programs or non-DNR contributions.	Basin educator assistance in collecting data and helping convey it to the public and partners; County zoning and LCD offices will probably want to participate.
17. Total Year 1 (Please itemize: \$LTE + \$SLOH + \$Equipment + \$Travel + \$UWSP Lab + \$Other) = _____	LTE - \$4263.87 (with fringe) Travel - \$2800, including aerial surveys UWSP macroinvert identification - \$888 Total \$7951.87
18. Total Year 2 (Please itemize: \$LTE + \$SLOH + \$Equipment + \$Travel + \$UWSP Lab + \$Other) = _____	LTE - \$2131.93(with fringe) Travel - \$1500, including aerial surveys UWSP macroinvert identification - \$888 Total \$4519.93

Wisconsin Department of Natural Resources SWIMS Project Summary

Question

Answer

19. Project Total (Please itemize: \$LTE + \$SLOH + \$Equipment + \$Travel + \$UWSP Lab + \$Other) = _____

\$12,471.80 total
LTE \$6,395.80
Travel \$4,300.00
UWSP \$1,776.00

20. Additional Comments

21. Did you receive special projects funding during FY 2009? NO - this is a new project.

22. If yes to question 17, did you complete the projects including data entry and reports? If not, why not?

23. Reviewer Notes: Identify questions or issues with project (use during review period)

24. Reviewer Decision: Is this project recommended for funding?

Actions

Action	Detailed Description	Start	End Date	Status
Protect Riparian or Shorelands	Document development and human-made features on the bed and bank: docks, buildings, erosion, bridges, transmission lines, etc.	07/01/2009	06/30/2013	PROPOSED
Monitoring Ecosystem	WBIC is 2689800	07/01/2009	06/30/2013	PROPOSED

Monitoring Stations

Station ID	Name	Comments
10014640	Totagatic River At Thompson Bridge Road	Thompson Bridge Road
10022312	Totagatic River Downstream Of Nancy Lake Road	Down stream of Nancy Lake Road
10029481	Totagatic River at Totagatic Road	Totagatic Road
10031479	Totagatic River upstream of CTH G	CTH G
10031478	Totagatic River upstream of old Hwy 53	Old Hwy 53
10031481	Totgatic River downstream of Seeley Fire Lane	Seeley Fire Lane

Assessment Units

WBIC	Segment	Local Name	Official Name
2689800	1	Totagatic River	Totagatic River
2689800	3	Totagatic River	Totagatic River
2689800	6	Totagatic River	Totagatic River
2689800	10	Totagatic River	Totagatic River

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Description
MACROINVERTEBRATE BASELINE PROTOCOLS	Macroinvertebrate Baseline D-frame Kick Net 2004

Fieldwork Events

Wisconsin Department of Natural Resources SWIMS Project Summary

Start Date	Status	Field ID	Station ID	Station Name
03/25/2010	COMPLETE	20100325-66-01	10014640	Totogatic River At Thompson Bridge Road
04/14/2010	COMPLETE	20100414-16-02	10031479	Totogatic River upstream of CTH G
04/14/2010	COMPLETE	20100414-58-01	10031481	Totogatic River downstream of Seeley Fire Lane
05/04/2010	COMPLETE	20100504-66-01	10022312	Totogatic River Downstream Of Nancy Lake Road
05/04/2010	COMPLETE	20100504-66-02	10031478	Totogatic River upstream of old Hwy 53
05/04/2010	COMPLETE	20100504-66-03	10029481	Totogatic River at Totogatic Road

Documents

Title	Description	Author	Published	Comments
TOTOGATIC WILD RIVER BUDGET		Bartilson Kathy	08/04/2009	
Totogatic_dock_points	Map showing dock locations along Totogatic River		04/01/2011	

Budget

Budget Description: Budget for NOR_09_CMP10 Totogatic River Monitoring for Wild River rule implementation **Start Date:** 07/01/2010 **End Date:** 06/30/2011

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	200	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	200	Hours	\$13.00	\$2,600.00	
LTE FR	LTE Fringe				\$642.20	
LTE IND	LTE Indirect				\$524.26	
LTE TOT	LTE Total Cost				\$3,766.46	
SUPPLY	Supplies				\$0.00	signage? and other supplies
MILEAGE	Mileage	1000	Miles	\$0.72	\$720.00	
MEAL	Meals	15	Meals	\$9.00	\$135.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$855.00	
BUG	Bug Contracts	7			\$0.00	7 samples per year
OTHER	Other Contracts				\$0.00	
EQUIP	Equipment			\$700.00	\$0.00	rain gear & monitoring supplies
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$4,621.46	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
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Total SLOH Lab Costs: \$0.00
Total Budget: \$4,621.46

Combined Budgets: \$4,621.46
Combined SLOH: \$0.00
Combined Total: \$4,621.46

Funding

Organization	Source	Type	Amount	Start Date	End Date
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