

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: NOR_03_CMP09

Name: Proposed NOR Upper Red Cedar River continuing 303d list monitoring assessment, 2063500

Type: Targeted Monitoring

Subtype: Special Project

Status: INACTIVE

Start Date: 07/01/2008

End Date: 06/30/2009

Purpose: Jim Cahow St Croix Basin Biologist will conduct event sampling to assess nutrient and sediment contributions to the upper Red Cedar River. Diurnal dissolved oxygen monitoring will also be conducted during late July and early August to assess the degree and extent of these use impairments.

Objective: The Red Cedar River is one of the highest quality warmwater riverine fisheries in the state. Current observations support that the use potential may be threatened by dangerous nutrient and sediment additions which drive excessive plant and decomposition BOD to the point where D.O. and pH surface water standards are violated. This project attempts to document the severity and frequency of these limiting factors which most threaten biotic integrity and to assess the upper Red Cedar River status on the 303d list. In addition these data may be used to guide potential future TMDL decision making process in NOR.

Comments: Project Category 3: Continuation of FY2007 Special Projects

Outcome: This study is a continuation of an approved 2007 special project which if approved will continue to collect runoff samples at 5 sites during 2-3 high snowmelt or runoff events through June 30th 2009.

Two to three sites will be monitored for 2-3 weeks for diurnal D.O. patterns during late July and early August of 2008 using YSI 6000 & 600 XLM data sonds.

Data will be entered into appropriate databases by the end of project fiscal budget calendar. A status report will be completed by Feb 09. Status report will include an assessment of the Red Cedar Rivers 303d listing and include recommendations for continued monitoring and TMDL decision making for the Upper Red Cedar River.

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
CAHOW, JAMES M	COORDINATOR	INACTIVE	07/01/2008	06/30/2009	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
03/21/2008	JAMES CAHOW	Proposed	at your discretion

Project Status Detail

Answer Set: DEFAULT

Question	Answer
5. FTE Hours (Funds) Needed	160
6. LTE Hours (Funds) Needed	160
7. Supplies - Describe in Detail	Probe repairs and replacement, ice, postage,
8. Describe Travel Needed	5 sites during 3 runoff events = 300 miles
9. UWSP Samples (Number)	
10. Additional Contractual dollars - Who? What? and How much?	
11. Equipment - What is needed and Why? (New Equipment, Cost?)	YSI 6000 are at the end of their life expectancy. Replacement costs need to be considered. one refurbished sond costs \$2500. Two will be around \$5000
12. Capital Equipment >\$5,000 - Describe needed equipment [Note: Federal funds cannot be used to purchase capital	

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Question	Answer
equipment].	
13. State Lab of Hygiene Analyses: Describe the number and type of parameters - See Worksheet	15 samples covering normal nutrient parameters, BOD, and Chloride.
14. Partner Contributions: Describe any funding provided by other DNR programs or non-DNR contributions.	
18. Regional Priority by Category (ex: Cat. 1-1st, Cat. 2-2nd)	Cat. 3-3rd.

Actions

Action	Detailed Description	Start	End Date	Status
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Monitoring Stations

Station ID	Name	Comments
10014638	Chetek River At 4 1/2 Avenue	
10029519	RED CEDAR RIVER CTH A & I BRIDGE - DOWNSTREAM OF CONFLUENCE W/ CHETEK RIVER	
10020201	Red Cedar River -- Access -CTH I Nr 22nd St	
10020140	Red Cedar River -- Access at 19th St	
033235	Red Cedar River at Cth M	
033223	Yellow River - 17th St	

Assessment Units

WBIC	Segment	Local Name	Official Name
2063500	1	Red Cedar River	Red Cedar River
2063500	2	Red Cedar River	Red Cedar River
2063500	10	Red Cedar River	Red Cedar River
2089000	1	Chetek River	Chetek River
2096100	2	Yellow River	Yellow 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
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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
MONITORING BUDGET PROPOSAL NOR3_09	Use this template for budget	Project Author	01/15/2008	
		Cahow, James	03/25/2008	

Budget

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Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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