

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: NER_03_CMP12

Name: West Twin River 303(d) validation NER_03_CMP12 -

Type: Targeted Monitoring

Subtype: Special Project

Status: COMPLETE

Start Date: 7/1/2011

End Date: 6/30/2012

Purpose: The West Twin River (WBIC = 87000, assessment units 9948, 9949, 9950, 18050, & 18051) is currently on the 303(d) list. However, some of the data used to determine the impairments are old and need to be updated and verified. This project will also compile existing data on the West Twin River to update data documentation sheets. This project will improve the accuracy of the 303(d) list.

Objective:

Comments: 303(d) Impaired Waters List Project

Outcome: 1) The West Twin River will be monitored at five locations: one site in each assessment unit 9948, 9949, 9950, 18050, & 18051. 2) A habitat assessment will be conducted in each assessment unit. Also continuous dissolved oxygen (DO) and temperature monitoring will be done for one week in each assessment unit. 3) Habitat assessments and continuous DO monitoring will be done in July or August 2011. 4) All data will be entered into appropriate databases by February 2012, 5) Final report will be complete by June 30, 2012.

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Gansberg, Mary K	COORDINATOR	COMPLETE	7/1/2011	6/30/2012	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
1/28/2011	MOLLI MACDONALD	Proposed	
9/29/2011	Mary Gansberg	Progress: 50-75% Complete	Monitoring completed as planned. Waiting results.
1/13/2012	Mary Gansberg	Progress: 50-75% Complete	Continuous DO/temperature meter installed at five different locations (each assessment unit) in summer 2011. Waiting for guidance from Lisa Helmuth to upload data into SWIMS. Habitat assessment completed and entered into the FH database. Summary report will be developed.
8/29/2012	Mary Gansberg	Progress: 50-75% Complete	No significant progress since last update. I plan to complete this over the winter.
2/1/2013	Mary Gansberg	Progress: 50-75% Complete	All water quality monitoring completed as planned. Data entered in appropriate databases. Summary report needed yet.
9/20/2013	Mary Gansberg	Progress: 50-75% Complete	Final report will be completed over the winter.
5/14/2014	Mary Gansberg	Complete	Final report in SWIMS

Wisconsin Department of Natural Resources SWIMS Project Summary

Project Status Detail

Answer Set: DEFAULT

Question	Answer
5. FTE Hours (Funds) Needed	
6. LTE Hours (Funds) Needed	
7. Supplies - Describe in Detail	
8. Describe Travel Needed	
9. UWSP Samples (Number)	
10. Additional Contractual dollars - Who? What? and How much?	
11. Equipment - What is needed and Why? (New Equipment, Cost?)	
12. Capital Equipment >\$5,000 - Describe needed equipment [Note: Federal funds cannot be used to purchase capital equipment].	
13. State Lab of Hygiene Analyses: Describe the number and type of parameters - See Worksheet	
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)	

Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor or Propose 303(d) Listing	1) The West Twin River will be monitored at five locations: one site in each assessment unit 9948, 9949, 9950, 18050, & 18051. 2) A habitat assessment will be conducted in each assessment unit. Also continuous dissolved oxygen (DO) and temperature monitoring will be done for one week in each assessment unit. 3) Habitat assessments and continuous DO monitoring will be done in July or August 2011.	7/1/2011	6/30/2012	COMPLETE

Details: Parameter

Value/Amount

Units

Comments

Temperature

Total Nitrogen

Total Phosphorus

Total Suspended Solids

Monitor or Propose 303(d) Listing	West Twin River (WBIC 87000) will be monitored at five locations: one site in each assessment unit 9948, 9949, 9950, 18050, & 18051. 2) A habitat assessment will be conducted in each assessment unit. Also continuous dissolved oxygen (DO) and temperature monitoring will be done for one week in each assessment unit. 3) Habitat assessments and continuous DO monitoring will be done in July or August 2011.	7/1/2011	6/30/2012	IN_PROGRESS
-----------------------------------	--	----------	-----------	-------------

Monitoring Stations

Station ID	Name	Comments
10029483	West Twin River at CYH Y	

8/28/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

10012506	West Twin River at Cth Z	
10034796	West Twin River at Maribel Caves County Park	
10009868	West Twin River at Melnik Rd	
10034797	West Twin River at Shoto Conservation Club access site below Shoto dam	

Assessment Units

WBIC	Segment	Local Name	Official Name
20	12	Lake Michigan	Lake Michigan
47	1	Two Rivers Harbor	Two Rivers Harbor
84000	1	East Twin River	East Twin River
87000	1	West Twin River	West Twin River
87000	2	West Twin River	West Twin River
87000	3	West Twin River	West Twin River
87000	4	West Twin River	West Twin River
87000	5	West Twin River	West Twin River
87000	6	West Twin River	West Twin River
87300	1	Shoto Lake (Impoundment)	Shoto Lake
88000	1	Kriwanek Creek	Kriwanek Creek

Lab Account Codes

Account Code	Description	Start Date	End Date
--------------	-------------	------------	----------

Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload

Methods

Method Code	Method Description
-------------	--------------------

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
7/1/2011	COMPLETE		10012506	West Twin River at Cth Z
7/1/2011	COMPLETE		10009868	West Twin River at Melnik Rd
7/14/2011	COMPLETE		10029483	West Twin River at CYH Y
7/14/2011	COMPLETE		10034796	West Twin River at Maribel Caves County Park
7/26/2011	COMPLETE		10034797	West Twin River at Shoto Conservation Club access site below Shoto dam

Documents

Wisconsin Department of Natural Resources SWIMS Project Summary

Title	Description	Author	Published	Comments
Total Phosphorus monitoring summary West Twin River at County Highway Z	Total Phosphorus monitoring summary report WAV TP REPORT - West Twin River at County Highway Z	WAV Program	1/25/2013	
Total Phosphorus monitoring summary West Twin River at Shoto Conservation Club access site below Shoto dam	Total Phosphorus monitoring summary report WAV TP REPORT - West Twin River at Shoto	WAV Program	1/25/2013	
Total phosphorus monitoring summary West Twin River at Melnik Rd	Total Phosphorus monitoring report WAV TP REPORT - West Twin River at Melnik Rd	WAV Program	1/25/2013	
West Twin River WBIC 87000	Summary report of monitoring conducted on the West Twin River between the confluence with the Devils River/Neshota and river mouth.	Mary Gansberg	5/14/2014	Final report
West Twin River at CTH Y continuous data	Continuous dissolved oxygen, temperature, pH, specific conductivity data West Twin River at CTH Y (10029483) July 14-25, 2011.	Mary Gansberg		Spreadsheet
West Twin River at CTH Z (Hwy 147) continuous data	Continuous dissolved oxygen, temperature, pH, specific conductivity data West Twin River at CTH Z (Hwy 147)(10012506) July 1-13, 2011.	Mary Gansberg	5/14/2014	Spreadsheet
West Twin River at Maribel Caves continuous data	Continuous dissolved oxygen, temperature, pH, specific conductivity data West Twin River at Maribel Caves (10034796) July 14-25, 2011.	Mary Gansberg	5/14/2014	Spreadsheet
West Twin River at Melnik Road continuous data	Continuous dissolved oxygen, temperature, pH, specific conductivity data West Twin River at Melnik Road (10009868) July 1-13, 2011.	Mary Gansberg	5/14/2014	Spreadsheet
West Twin River at Shoto Conservation Club CTH V	Continuous dissolved oxygen, temperature, pH, specific conductivity data West Twin River at Shoto Conservation Club access 10034797) July 26-Aug.3, 2011.	Mary Gansberg	5/14/2014	Spreadsheet

Budget

Wisconsin Department of Natural Resources SWIMS Project Summary

Budget Description: Budget for West Twin River 303(d) validation
NER_03_CMP12 -

Start Date: 7/1/2011

End Date: 6/30/2012

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	100	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	45	Hours	\$13.00	\$585.00	
LTE FR	LTE Fringe				\$144.50	
LTE IND	LTE Indirect				\$117.96	
LTE TOT	LTE Total Cost				\$847.45	
SUPPLY	Supplies				\$0.00	
MILEAGE	Mileage	400	Miles	\$0.72	\$288.00	
MEAL	Meals	10	Meals	\$9.00	\$90.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$378.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
EQUIP	Equipment				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$1,225.45	

Total WSLH Lab Costs: \$0.00

Total Budget: \$1,225.45

Combined Budgets: \$1,225.45

Combined WSLH: \$0.00

Combined Total: \$1,225.45

Funding					
Organization	Source	Type	Amount	Start Date	End Date