

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: South_TWA_2_2014
Name: East Branch Rock River TWA 2014 Heim
Type: Targeted Watershed Approach
Subtype: Planning (WQ, Nine Key Element)
Status: REPORT
Start Date: 04/01/2014
End Date: 10/31/2014
Purpose: Monitor the status of streams from one HUC 12 subwatersheds in the East Branch Rock River watershed to prioritize future watershed projects. There is currently very limited data in this watershed. There is also a point source WWTP discharge that may use adaptive management or nutrient trading and the information collected may be useful for them to pursue one of those options. The six sites in the HUC 12 will be identified later. This HUC 12 has been identified in the TMDL as a sub watershed with high nutrient and sediment loadings to the Rock River. This HUC 12 has been identified in the TMDL as a subwatershed with high nutrient and sediment loadings to the Rock River.
Objective: The information will be used to identify areas of the HUC 12 that are considered to be the most important to work on for watershed improvement and to meet water quality standards. An inventory needs to be completed to determine where the highest concentrations of nutrients may be coming from. Phosphorus, nitrogen and SS data will be collected at 10 different sites throughout the watershed. The sites will be identified with input from Dodge County Land and Water Conservation Dept. Sampling will occur from May 1 - Oct. 31st on a monthly basis and for significant rain/runoff events. Approximately 8-10 samples should be taken at the 10 different sites.
Comments: The six sites in the HUC 12 will be identified later. This HUC 12 has been identified in the TMDL as a subwatershed with high nutrient and sediment loadings to the Rock River.
Outcome: Fisheries, habitat, and macroinvertebrate data will be collected on 6 sites in the targeted HUC 12s. Data will be entered into the FH database and SWIMS. Updated streams narratives and watershed reports will be entered into SWIMS and WATERS.
Study Design: Fish, qualitative habitat, and macroinvertebrates will be collected from 10 sites in HUC 070900010106. In addition, one phosphorus sample will also be collected from each of the 10 sites identified and 6 phosphorus samples from the pour point of this HUC 12.
QA Measures: Standard DNR and SLOH protocols will be followed.

People

Name	Role	Status	Start Date	End Date	Organization	Comments
HEIM, DANIEL R	COORDINATOR	INACTIVE	04/01/2014	05/04/2015	Wisconsin DNR	
Helmuth, Lisa D	COORDINATOR	ACTIVE	05/10/2016		Wisconsin DNR	
Perdzock, Amanda R	COORDINATOR	ACTIVE	04/04/2018		Wisconsin DNR	
SEARLE, GREGORY S	TEAM_MEMBER	ACTIVE	05/04/2015		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
12/12/2014	DANIEL HEIM	Progress: 75-100% Complete	Fish surveys completed, Invertebrates collected, Report nearly completed. Report should be completed and downloaded to SWIMS in January
01/26/2015	DANIEL HEIM	Complete	
05/31/2019	Lisa Helmuth	Final Report Needed	

Project Status Detail

Answer Set: DEFAULT

Question	Answer
1. Number of Sample Sites (Enter the station IDs if you know them).	
2. Number of Sample Events (Indicate how many trips into the field you anticipate for this project).	
3. Proposed Dates for Sample Collection	

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Question	Answer
4. List applicable databases and who will enter data?	
5. Did you receive competitive projects funding in the previous year?	
6. If yes to question 5, did you complete the projects including data entry and reports as necessary? If not, why not?	
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 Watershed (Status,Sources,Impairments)	Monitor the status of streams from one HUC 12 subwatersheds in the East Branch Rock River watershed to prioritize future watershed projects. There is currently very limited data in this watershed. There is also a point source WWTP discharge that may use adaptive management or nutrient trading and the information collected may be useful for them to pursue one of those options	04/01/2014	10/31/2014	COMPLETE
Details:	Parameter	Value/Amount	Units	Comments
	Total Nitrogen			
	Total Phosphorus			
	Total Suspended Solids			
Monitor Targeted Watershed Area (TWA)	Monitor the status of streams from one HUC 12 subwatersheds in the East Branch Rock River watershed to prioritize future watershed projects. There is currently very limited data in this watershed. There is also a point source WWTP discharge that may use adaptive management or nutrient trading and the information collected may be useful for them to pursue one of those options	04/01/2014	10/31/2014	COMPLETE

Monitoring Stations

Station ID	Name	Comments
10041919	East Branch RR - Gill Rd.	needs assessment unit 861400 mile 11 - 43
10042281	East Branch Rock River near Theresa Ln	AU: 5699888 SPATIAL FEATURE DIDN'T WORK
10041924	Unnamed trib to East Branch RR - Hwy 28	
10041921	Unnamed trib to East Branch RR - McArthur Rd.	
10041922	Unnamed trib to East Branch RR - N. Pole Rd.	
10041918	Unnamed trib to East Branch RR_Hwy Y	
10041920	Unnamed trib to East Branch Rock R - Allen Rd.	

Assessment Units

WBIC	Segment	Local Name	Official Name
861400	3	East Branch Rock River	East Branch Rock River
862700	1	Local Water	Unnamed
862800	1	Local Water	Unnamed
862900	1	Local Water	Unnamed

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WBIC	Segment	Local Name	Official Name
863100	1	Local Water	Unnamed
863400	1	Local Water	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
WQ002	TARGETED WATERSHED ASSESSMENTS	03/26/2014	12/31/2099

Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload
INORGANIC	Inorganic Lab - Field Data
STREAM_MON	Stream Monitoring (Temp, DO, Trans, Flow)
WADEABLE_MACRO_	Wadeable Macroinvertebrate Field & Habitat Data
WADEABLE_MACRO_	Wadeable Macroinvertebrate Stream and Watershed Descriptors

Methods

Method Code	Description
DNR-FPM-1001.3	Benthic Invertebrate D-Frame Net, Kick Samples 1988
DNR-FPM-1001.3	Benthic Invertebrate D-Frame Net, Kick Samples 1988
ELECTROFISHING: BACKPACK SHOCKER	Electrofishing: Backpack Shocker
GRAB SAMPLE	Water Grab Sample Guidelines and Procedures 2005

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
06/25/2014 13:30	COMPLETE	S-01	10041918	Unnamed trib to East Branch RR_Hwy Y
06/25/2014 13:40	COMPLETE	S-02	10041920	Unnamed trib to East Branch Rock R - Allen Rd.
06/25/2014 13:55	COMPLETE	S-03	10041921	Unnamed trib to East Branch RR - McArthur Rd.
06/25/2014 14:15	COMPLETE	S-04	10042281	East Branch Rock River near Theresa Ln
06/25/2014 14:30	COMPLETE	S-05	10041922	Unnamed trib to East Branch RR - N. Pole Rd.
06/25/2014 14:45	COMPLETE	S-06	10041924	Unnamed trib to East Branch RR - Hwy 28
06/25/2014 15:00	COMPLETE	S-07	10041919	East Branch RR - Gill Rd.
07/29/2014 12:05	COMPLETE	S-01	10041918	Unnamed trib to East Branch RR_Hwy Y
07/29/2014 12:15	COMPLETE	S-02	10041920	Unnamed trib to East Branch Rock R - Allen Rd.
07/29/2014 12:25	COMPLETE	S-03	10041921	Unnamed trib to East Branch RR - McArthur Rd.
07/29/2014 12:35	COMPLETE	S-04	10042281	East Branch Rock River near Theresa Ln
07/29/2014 12:50	COMPLETE	S-05	10041922	Unnamed trib to East Branch RR - N. Pole Rd.
07/29/2014 13:05	COMPLETE	S-06	10041924	Unnamed trib to East Branch RR - Hwy 28
07/29/2014 13:20	COMPLETE	S-07	10041919	East Branch RR - Gill Rd.
09/22/2014 12:50	COMPLETE	S-01	10041918	Unnamed trib to East Branch RR_Hwy Y
09/22/2014 13:00	COMPLETE	S-02	10041920	Unnamed trib to East Branch Rock R - Allen Rd.
09/22/2014 13:20	COMPLETE	S-03	10041921	Unnamed trib to East Branch RR - McArthur Rd.
09/22/2014 13:40	COMPLETE	S-04	10042281	East Branch Rock River near Theresa Ln
09/22/2014 13:45	COMPLETE	S-05	10041922	Unnamed trib to East Branch RR - N. Pole Rd.
09/22/2014 14:10	COMPLETE	S-06	10041924	Unnamed trib to East Branch RR - Hwy 28
09/22/2014 14:40	COMPLETE	S-07	10041919	East Branch RR - Gill Rd.
10/16/2014	COMPLETE		10041918	Unnamed trib to East Branch RR_Hwy Y

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Start Date	Status	Field ID	Station ID	Station Name
10/16/2014	COMPLETE		10041920	Unnamed trib to East Branch Rock R - Allen Rd.
10/22/2014	COMPLETE		10042281	East Branch Rock River near Theresa Ln
10/22/2014	COMPLETE		10041921	Unnamed trib to East Branch RR - McArthur Rd.
10/22/2014	COMPLETE		10041922	Unnamed trib to East Branch RR - N. Pole Rd.
10/23/2014	COMPLETE		10041919	East Branch RR - Gill Rd.
10/23/2014	COMPLETE		10041924	Unnamed trib to East Branch RR - Hwy 28

Documents

Title	Description	Author	Published	Comments
East Branch Rock River Watershed [HUC12]	East Branch Rock River Watershed [HUC12]	Helmuth, Lisa	12/19/2015	
East Branch Theresa Subwatershed Monitoring Final Report January 2015		Heim, Dan	01/26/2015	

Budget

Budget Description: East branch watershed survey **Start Date:** 05/01/2014 **End Date:** 10/31/2014

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	0	Hours	\$0.00	\$0.00	30 trips x 1 FTE x 8 hrs + report writing
LTE SAL	LTE Salary		Hours	\$13.00	\$0.00	
LTE FR	LTE Fringe				\$0.00	
LTE IND	LTE Indirect				\$0.00	
LTE TOT	LTE Total Cost				\$0.00	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	600	Miles	\$0.72	\$432.00	
MEAL	Meals	12	Meals	\$4.00	\$48.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$480.00	
BUG	Bug Contracts	7		\$180.00	\$1,260.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$1,740.00	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
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Total SLOH Lab Costs: \$0.00
Total Budget: \$1,740.00

Combined Budgets: \$1,740.00
Combined SLOH: \$0.00
Combined Total: \$1,740.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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