

# Wisconsin Department of Natural Resources

## SWIMS Project Summary

### General Project Information

**Project ID:** South\_TWA\_3\_2018

**Name:** Little Baraboo River TWA 2018

**Type:** Targeted Watershed Approach

**Subtype:** Effectiveness (BMP, Other)

**Status:** PROPOSED

**Start Date:** 1/1/2018

**End Date:** 12/31/2019

**Purpose:** Jean Unmuth and Interns will monitor the condition of the headwaters of the Little Baraboo River to ascertain agricultural BMP effectiveness.

**Objective:** To evaluate effectiveness of BMP's implemented by Sauk Co. in the headwaters of the Little Baraboo River in 2017 (WBIC: 1282500).

**Comments:** Proposed projec

**Outcome:** Fish, qualitative habitat, flow and qualitative habitat will be collected at three sites, and 6 monthly phosphorus samples collected at one site. Data will be entered in SWIMS and fisheries databases. A short 2 page report summarizing results will be completed after macroinvertebrate information is returned from UWSP.

**Study Design:** Fish, qualitative habitat and macroinvertebrates will be collected at three sites. Monitoring above BMP implementation site at SWIMS stations 10029046, and at two sites within BMP implementation area at SWIMS stations 573068 and 10011056. Six monthly phosphorus samples will be collected at the downstream end of BMP implementation at SWIMS station 10011056.

**QA Measures:** No blanks, dups or field QA other than following WDNR standard SOPs for selected parameters (see methods in project).

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
AMRHEIN, JAMES F	COORDINATOR	COMPLETE	1/4/2018	7/16/2022	Wisconsin DNR	
Benzschawel, Julie	TEAM_MEMBER	ACTIVE	5/22/2018		Wisconsin DNR	
Helmuth, Lisa D	COORDINATOR	INACTIVE	11/23/2019	12/28/2022	Wisconsin DNR	
Hranicka, Jaidyn	TEAM_MEMBER	ACTIVE	5/22/2018		Wisconsin DNR	
SABRE, RACHEL A	COORDINATOR	COMPLETE	1/4/2018		Wisconsin DNR	
SEARLE, GREGORY S	COORDINATOR	COMPLETE	1/4/2018	10/25/2023	Wisconsin DNR	
SORGE, MICHAEL J	COORDINATOR	ACTIVE	1/4/2018		Wisconsin DNR	
UNMUTH, JEAN M	COORDINATOR	RETIRED	1/4/2018	1/15/2020	Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
2/1/2018	JEAN UNMUTH	Active	

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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	
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 Date	End Date	Status
Monitor Targeted Watershed Area (TWA)	Jean Unmuth and Interns will monitor the condition of the headwaters of the Little Baraboo River to ascertain agricultural BMP effectiveness.	1/1/2018	12/31/2019	IN_PROGRESS

Details: Parameter	Value/Amount	Units	Comments
PCBs			
Report Writeup			
Total Nitrogen			
Total Phosphorus			
Total Suspended Solids			

Monitor Aquatic Biology	Jean Unmuth and Interns will monitor the condition of the headwaters of the Little Baraboo River to ascertain agricultural BMP effectiveness.	1/1/2018	12/31/2019	IN_PROGRESS
Monitor Water Quality or Sediment	monitor the condition of the headwaters of the Little Baraboo River to ascertain agricultural BMP effectiveness.	1/1/2018	12/31/2019	IN_PROGRESS

Details: Parameter	Value/Amount	Units	Comments
Total Nitrogen			
Total Phosphorus			
Total Suspended Solids			

Monitoring Stations

Station ID	Name	Comments
10029046	Little Baraboo River 215m US from CTH EE	
10011056	Little Baraboo River at Beier Rd. Up To Woolever Rd.	
573068	Little Baraboo River at Henderson Rd	Monitor DS of the road

Assessment Units

5/20/2024

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WBIC	Segment	Local Name	Official Name
1282500	2	Little Baraboo River	Little Baraboo River

### Lab Account Codes

Account Code	Description	Start Date	End Date
WQ002	TARGETED WATERSHED ASSESSMENTS	1/1/2018	12/31/2019

### Forms

Form Code	Form Name
AIS_EDD_2015	Aquatic Invasive Species (AIS) Early Detection Monitoring Data Form
MACROINVERT_BASIC	Macroinvertebrate Survey Basic Form
QUAL_FISH_HAB_LESS10	Qualitative Fish Habitat Less Than 10 M
STREAM_MON	Stream Monitoring (Temp, DO, Trans, Flow)
WADEABLE_MACRO_FIELD	Wadeable Macroinvertebrate Field & Habitat Data

### Methods

Method Code	Method Description
DNR-FPM-1001.3	Benthic Invertebrate D-Frame Net, Kick Samples 1988
ELECTROFISHING: MULTIPLE GEAR TYPES	Electrofishing: Multiple Gear Types
GRAB SAMPLE PROCEDURES USEPA WATERSHED PILOT	USEPA Watershed Pilot - Grab Samples 2011
GRAB SAMPLE	Water Grab Sample Guidelines and Procedures 2005

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
7/18/2018 10:46	COMPLETE	LB1	10011056	Little Baraboo River at Beier Rd. Up To Woolever Rd.
8/8/2018 10:10	COMPLETE	LB1	10011056	Little Baraboo River at Beier Rd. Up To Woolever Rd.
8/8/2018 10:10	COMPLETE		10011056	Little Baraboo River at Beier Rd. Up To Woolever Rd.
8/8/2018 11:10	COMPLETE		573068	Little Baraboo River at Henderson Rd
8/14/2018 10:54	COMPLETE		573068	Little Baraboo River at Henderson Rd
9/10/2018	COMPLETE	20180910-57-01	10029046	Little Baraboo River 215m US from CTH EE
9/10/2018	CANCELLED	20180910-57-01	10029046	Little Baraboo River 215m US from CTH EE
9/10/2018	COMPLETE	20180910-57-02	573068	Little Baraboo River at Henderson Rd
9/10/2018	CANCELLED	20180910-57-02	573068	Little Baraboo River at Henderson Rd
9/10/2018	COMPLETE	20180910-57-03	10011056	Little Baraboo River at Beier Rd. Up To Woolever Rd.
9/10/2018	CANCELLED	20180910-57-03	573068	Little Baraboo River at Henderson Rd
9/11/2018 12:00	COMPLETE	LB1	10011056	Little Baraboo River at Beier Rd. Up To Woolever Rd.
10/18/2018 12:15	COMPLETE	LB1	10011056	Little Baraboo River at Beier Rd. Up To Woolever Rd.

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Documents

Title	Description	Author	Published	Comments
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Budget

Budget Description: 2017\_2018 Little Baraboo River Budget      Start Date: 1/24/2018      End Date: 4/30/2019

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	16	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	32	Hours	\$13.00	\$416.00	Two UWSP interns
LTE FR	LTE Fringe				\$102.75	
LTE IND	LTE Indirect				\$83.88	
LTE TOT	LTE Total Cost				\$602.63	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	208	Miles	\$0.72	\$149.76	
MEAL	Meals	6	Meals	\$4.00	\$24.00	Packed lunches interns and FTE
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$173.76	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$776.39	

Total WSLH Lab Costs:                      \$0.00  
Total Budget:                                      \$776.39

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Budget Description: 2018_2019 Little Baraboo R. Budget			Start Date: 7/1/2018	End Date: 4/30/2019
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	30	Hours	\$0.00	\$0.00	Data proofing and summarizing. Report writeup
LTE SAL	LTE Salary	40	Hours	\$13.00	\$520.00	Two Interns from UWP field work, data entry
LTE FR	LTE Fringe				\$128.44	
LTE IND	LTE Indirect				\$104.85	
LTE TOT	LTE Total Cost				\$753.29	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	208	Miles	\$0.72	\$149.76	
MEAL	Meals	4	Meals	\$4.00	\$16.00	Packed lunches interns and FTE
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$165.76	
BUG	Bug Contracts	3		\$65.00	\$195.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$1,114.05	

Total WSLH Lab Costs:	\$0.00
Total Budget:	\$1,114.05
Combined Budgets:	\$1,890.45
Combined WSLH:	\$0.00
Combined Total:	\$1,890.45

Funding					
Organization	Source	Type	Amount	Start Date	End Date