

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** North\_TWA\_2\_2015

**Name:** South Fish Creek TWA, Bayfield County

**Type:** Targeted Watershed Approach

**Subtype:** Evaluation (TP SSC, Stressor, Bioassess)

**Status:** COMPLETE

**Start Date:** 03/01/2015

**End Date:** 10/31/2015

**Purpose:** South Fish Creek is located in Bayfield County. Northland College in Ashland has been conducting monitoring in the watershed and researchers intend to continue this work. Flow monitoring is conducted at one site and will be started at a second site. The monitoring was not CAFO oriented, but was a more general water quality assessment. Bacterial contamination of the beach in Ashland was a partial focus of the monitoring. Additional data gathering is proposed to dovetail with current monitoring, to provide a baseline for the subwatershed where a CAFO is planned, and to assess South Fish Creek for bacterial impairment. A separate, complementary local needs project is also proposed to obtain adequate funding for the water quality monitoring planned.

**Objective:** This monitoring work is published in the DNR document, <a href="https://dnr.wi.gov/water/wsSWIMSDocument.ashx?documentSeqNo=200844844">South Fish Creek Targeted Watershed Assessment: A Water Quality Plan to Protect Wisconsin Watersheds, 2020</a>.

**Comments:**

**Outcome:** No. of sample sites - 6 for fish, bugs, and one time basic water chemistry; 3 for intensive E. coli monitoring (these 3 sites will also be monitored for a broad range of parameters through the complementary special project)  
No. of sampling events - 10 in FY16; 25 in FY17  
Date when sample collection complete - November 2015; samples collected May-October Dates for for all data to be in data base - September 2016, when bug samples are complete Final report by January 2017. FH data base for fish and habitat data; SWIMS for bacteria and bug data  
LTE will enter FH data; Labs will enter bacteria and bug data into SWIMS

**Study Design:** HUC 12 - 40103011104

**QA Measures:** Standard DNR and SLOH protocols will be followed.

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
AARTILA, THOMAS P	SUPERVISOR	ACTIVE	03/01/2015	10/31/2015	Wisconsin DNR	
HAGEN, CHERIE L	SUPERVISOR	COMPLETE	03/01/2015	10/31/2015	Wisconsin DNR	
Helmuth, Lisa D	COORDINATOR	COMPLETE	04/30/2018	12/24/2019	Wisconsin DNR	
McNerney, Chris	LABORATORY	ACTIVE	05/04/2015		Northland College	
Perdzock, Amanda R	COORDINATOR	ACTIVE	04/04/2018		Wisconsin DNR	
Roesler, Craig P	PROJECT_LEAD	COMPLETE	03/01/2015	10/31/2015	Wisconsin DNR	
WHEELER, MICHELE C	COORDINATOR	COMPLETE	03/01/2015	10/31/2015	Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
09/07/2018	Lisa Helmuth	Final Report Needed	Substantial progress made - Fish Creek-Frontal Chequamegon Bay TWA 2015 Roesler
03/16/2020	Lisa Helmuth	Public Comment Period	

### 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).	

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Question	Answer
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	End Date	Status
Monitor or Assess Watershed Condition	South Fish Creek TWA WQM Plan	03/01/2015	07/30/2019	COMPLETE
Monitor Water Quality or Sediment	South Fish Creek TWA WQM Plan	03/01/2015	07/30/2019	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
043095	South Fish Creek - Hwy 137	
10038083	South Fish Creek 130 m DS Benoit Rd.	
10043949	South Fish Creek 60m US CTH E	
10043950	South Fish Creek 60m US CTH F	
10044095	South Fish Creek 80m US STH 63	
043056	South Fish Creek at Colby Road	
10043551	Unnamed tributary to South Fish Creek at Colby Road	

### Assessment Units

WBIC	Segment	Local Name	Official Name
2751220	1	Lake Superior	Lake Superior
2751220	5	Maslowski Beach, Lake Superior	Lake Superior
2751220	13	Lake Superior (mouth of Fish Creek)	Lake Superior
2751220	38	Bayview Park Beach, Lake Superior	Lake Superior
2751220	42	Kreher Park Beach, Lake Superior	Lake Superior
2751220	69	Sixth Avenue West Beach	Lake Superior
2753770	1	Chequamegon Bay (Ashland Coal Tar Site)	Chequamegon Bay
2887700	1	Eileen Creek	Fish Creek
2887800	1	Fish Creek	Fish Creek
2887900	1	Local Water	Unnamed
2889900	1	South Fish Creek	South Fish Creek
2890200	1	Unnamed Trib to S Fish Creek	Unnamed
2890600	1	Unnamed Bay	Lake Superior -Un Lake
2890700	1	Slaughterhouse Creek T47n R5w S01 Nese	Unnamed
2890700	2	Slaughterhouse Creek T47n R5w S01 Nese	Unnamed
2890800	1	Un Spring	Un Spring
2890900	1	Local Water	Unnamed
2891000	1	Un Lake	Unnamed
2891100	1	Bay City Creek	Bay City Creek
2891100	2	Bay City Creek	Bay City Creek

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WBIC	Segment	Local Name	Official Name
5001062	1	Local Water	Unnamed
5001110	1	Local Water	Unnamed
5001110	2	Local Water	Unnamed
5001115	1	Local Water	Unnamed
5001118	1	Local Water	Unnamed
5001201	1	Local Water	Unnamed
5001204	1	Local Water	Unnamed
5001208	1	Local Water	Unnamed
5001210	1	Local Water	Unnamed
5001220	1	Local Water	Unnamed
5001233	1	Local Water	Unnamed
5001233	2	Local Water	Unnamed
5001255	1	Local Water	Unnamed
5001259	1	Local Water	Unnamed
5001291	1	Local Water	Unnamed
5001317	1	Local Water	Unnamed
5001320	1	Local Water	Unnamed
5001326	1	Local Water	Unnamed
5001327	1	Local Water	Unnamed
5001348	1	Local Water	Unnamed
5001349	1	Local Water	Unnamed
5001353	1	Local Water	Unnamed
5001358	1	Local Water	Unnamed
5001361	1	Local Water	Unnamed
5001365	1	Local Water	Unnamed
5001382	1	Local Water	Unnamed
5001387	1	Local Water	Unnamed
5001388	1	Unnamed (Slaughter House Creek)	Unnamed
5001388	2	Local Water	Unnamed
5001391	1	Local Water	Unnamed
5001414	1	Local Water	Unnamed
5001457	1	Local Water	Unnamed
5001478	1	Local Water	Unnamed
5500731	1	Local Water	Unnamed

### Lab Account Codes

Account Code	Description	Start Date	End Date
WQ002	TARGETED WATERSHED ASSESSMENTS	03/26/2014	10/30/2015

### 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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Start Date	Status	Field ID	Station ID	Station Name
05/11/2015 09:20	COMPLETE	SFCR	043056	South Fish Creek at Colby Road
05/11/2015 09:30	COMPLETE	SFTC	10043551	Unnamed tributary to South Fish Creek at Colby Road
05/11/2015 09:45	COMPLETE	SF137	043095	South Fish Creek - Hwy 137
05/18/2015 10:35	COMPLETE	SFTC	10043551	Unnamed tributary to South Fish Creek at Colby Road
07/23/2015 14:00	COMPLETE	SFT-2	10043551	Unnamed tributary to South Fish Creek at Colby Road
08/12/2015 10:00	COMPLETE	SFE-2	10043949	South Fish Creek 60m US CTH E
08/12/2015 10:00	COMPLETE	SFF-1	10043950	South Fish Creek 60m US CTH F
08/13/2015 10:00	COMPLETE	SFC-3	043056	South Fish Creek at Colby Road
08/13/2015 13:00	COMPLETE	SF-137	043095	South Fish Creek - Hwy 137
08/28/2015 10:00	COMPLETE	SF-63	10044095	South Fish Creek 80m US STH 63
10/30/2015 09:30	COMPLETE	20151030-04-01	10043551	Unnamed tributary to South Fish Creek at Colby Road
10/30/2015 11:00	COMPLETE	20151030-04-02	10043950	South Fish Creek 60m US CTH F
10/30/2015 12:15	COMPLETE	20151030-04-03	10043949	South Fish Creek 60m US CTH E

### Documents

Title	Description	Author	Published	Comments
South Fish Creek 60m US CTH F, 2015, Natural Community Validation	South Fish Creek 60m US CTH F, 2015, Natural Community Validation	Madeline Roberts	05/31/2017	
South Fish Creek 80m US STH 63, 2015, Natural Community Validation	South Fish Creek 80m US STH 63, 2015, Natural Community Validation	Madeline Roberts	05/31/2017	
South Fish Creek Targeted Watershed Assessment: A Water Quality Plan to Protect Wisconsin Watersheds	South Fish Creek Targeted Watershed Assessment: A Water Quality Plan to Protect Wisconsin Watersheds (2020)	Roesler, Helmut	03/23/2020	
South Fish Creek Watershed Assessment Report 2015 (Draft)	South Fish Creek Watershed Assessment Report 2015	Craig Roesler	01/01/2015	
South Fish Creek-HWY 137, 2015, Natural Community Validation	South Fish Creek-HWY 137, 2015, Natural Community Validation	Madeline Roberts	05/31/2017	
Unn Trib south fish creek at colby road natural community verification		crum, bryan	12/13/2018	
south fish creek county road F natural community tool		crum, bryan	12/13/2018	
south fish creek down stream benoit road natural community tool		crum, bryan	12/13/2018	
south fish creek natural community tool county highway E		crum, bryan	12/13/2018	
south fish creek up stream colby road		crum, bryan	12/13/2018	
south fish creek upstream state highway 63		crum, bryan	12/13/2018	

### Budget

**Budget Description:** fish, bug and bacteria monitoring in South Fish Creek watershed      **Start Date:** 05/01/2015      **End Date:** 10/31/2015

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	180	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	100	Hours	\$13.00	\$1,300.00	

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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
LTE FR	LTE Fringe				\$321.10	
LTE IND	LTE Indirect				\$262.13	
LTE TOT	LTE Total Cost				\$1,883.23	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	1080	Miles	\$0.29	\$313.20	
MEAL	Meals	10	Meals	\$9.00	\$90.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$403.20	
BUG	Bug Contracts	6		\$185.00	\$1,110.00	
OTHER	Other Contracts	1		\$1,527.00	\$1,527.00	Bacteria sample collection and shipment
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$4,923.43	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I466ALT	TOTAL NITROGEN(ASN)(SM4500-N)	INORGANIC CHEMISTRY	6	\$26.00	\$156.00
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	6	\$23.60	\$141.60

**Total SLOH Lab Costs:** \$297.60  
**Total Budget:** \$5,221.03

**Combined Budgets:** \$4,923.43  
**Combined SLOH:** \$297.60  
**Combined Total:** \$5,221.03

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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