

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** West\_TWA\_4\_2017  
**Name:** Moore-Tri Creeks Watershed TWA 2017  
**Type:** Targeted Watershed Approach  
**Subtype:** Planning (WQ, Nine Key Element)  
**Status:** ACTIVE  
**Start Date:** 01/01/2017  
**End Date:** 12/31/2019  
**Purpose:** Monroe County is creating a Land Use Plan for the Tri Creeks Watershed Property. This project will provide data to support their plan and fill data gaps. This project will also allow us to assess sites (Moore Creek and Morris Creek and it's groundwater) to support data collection for natural community/designated uses verifications and assess stream health. Camille Bruhn will work with the field crew (Jake Ring, Mycal Raleigh, etc.) to complete the water quality, fish, habitat, and macroinvertebrate monitoring. The monitoring will occur in FY17 and FY18. HUC 12 070700060102.  
**Objective:** The objective of this project is to support the Monroe County Land Conservation Department by collecting baseline data to assess the resources present on their Tri Creeks Watershed Property. This project will also support the internal project to verify natural communities and designated uses. This project will assess stream health. Sites will be sampled throughout the Tri Creeks Watershed Property, using ten sites for assessment including above and below each of the WWTP outfalls (Norwalk WWTP Facility and VPP, Inc.) to complete natural community verification. The following WBICs will be included in the sampling efforts: 1201300, 1200000 (Moore Creek), and 1201600.  
**Comments:** This is a new project and will be completed in 1 year.  
**Outcome:** This project supports the efforts of the Monroe County Land Conservation Department and the WDNR to obtain baseline monitoring information on resources in the Moore Creek Watershed. This data will provide a baseline on conditions to evaluate resources in the Moore Creek Watershed and will be used to supplement the Land Use Plan for the Monroe County Tri Creeks Watershed Property.  
**Study Design:** Water chemistry (specifically total phosphorus monitoring), fish, habitat, and macroinvertebrate data will be collected at each of the selected sites in the Moore Creek Watershed.  
**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
BRUHN, CAMILLE M	COORDINATOR	ACTIVE	01/01/2017	12/31/2019	Wisconsin DNR	
DeNasha, Shaina	DATA_ENTRY	ACTIVE	09/20/2018		UW-Stevens Point	
HELSEL, DANIEL R	SUPERVISOR	ACTIVE	01/01/2017	12/31/2019	Wisconsin DNR	
Helmuth, Lisa D	COORDINATOR	ACTIVE	11/23/2019		Wisconsin DNR	
RALEIGH, MYCAL C	COORDINATOR	ACTIVE	01/01/2017	12/31/2019	Wisconsin DNR	
RING, JACOB D	COORDINATOR	ACTIVE	01/01/2017	12/31/2019	Wisconsin DNR	
SCHNEYER, ANDREW J	TEAM_MEMBER	ACTIVE	01/07/2019		Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
01/09/2017	CAMILLE BRUHN	Proposed	This project for the Moore Creek- Tri Creeks Watershed is being proposed.
01/24/2018	Lisa Helmuth	Active	

### 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?	

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Question	Answer
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 Baseline Survey	Water chemistry, fish, habitat, and macroinvertebrate data collections to assess resources in the Moore Creek Watershed.	01/01/2017	12/31/2019	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
10020672	Creek 17-16 St. 1 455ft Upstream From Impoundment	
10020680	Creek 21-12 St. 1 738ft Upstream Of Impoundment	
10020678	Creek 21-12 St. 7 Cth T Bridge In S21	
10033590	Creek 21-12 downstream of Tri-Creek Impoundment	
10020775	Creek 28-8 St. 5 1500ft Downstream Of Landmark Ave.	
10020776	Creek 28-8 St. 6 Hwy 71 In S28	
10016642	Moore (Morris) Creek - 25 Yds US of Cth T bridge near Mead Rd.	
10016180	Moore Creek - 10 Yards Upstream Of Hwy 71	
423219	Moore Creek at Cth T Near Norwalk WI	
10015619	Morris (Moore) Creek Station 1 - Cth T Bridge In S23	
10015622	Morris (Moore) Creek Station 4 - Village Of Norwalk	
10015623	Morris (Moore) Creek Station 8 - SW 1/4 of S15 trail is near stream	
10022490	Morris Creek - Confluence With Wbic 1201700	
10020523	Spring Valley Cr. (Cr. 10-2) St. 2 Mendota Ave. Crossing	
10015929	Unnamed Cr 10-2 - ~ 60 Yds Upstream Of Cth F Bridge	
10048904	Unnamed Trib WBIC 1201700- 20m US of Confluence with Moore Creek	

### Assessment Units

WBIC	Segment	Local Name	Official Name
1200000	1	Morris Creek	Moore Creek
1200200	1	Spring Valley Creek (Creek 10-2)	Spring Valley Creek
1201100	1	Unnamed Stream	Unnamed
1201300	1	Creek 21-6	Unnamed
1201500	1	Tri Creek Site # 1	Tri Creek Site # 1
1201600	1	Creek 17-16	Unnamed

### Lab Account Codes

Account Code	Description	Start Date	End Date
WQ015	LOCAL NEEDS PROJECTS	04/22/2015	12/31/2099

## Wisconsin Department of Natural Resources SWIMS Project Summary

### Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload
INORGANIC	Inorganic Lab - Field Data
QUAL_FISH_HAB_LES	Qualitative Fish Habitat Less Than 10 M
QUAL_FISH_HAB_MOI	Qualitative Fish Habitat More Than 10 M
WADEABLE_MACRO_I	Wadeable Macroinvertebrate Field & Habitat Data

### Methods

Method Code	Description
ELECTROFISHING: MULTIPLE GEAR TYPES	Electrofishing: Multiple Gear Types
FISH SURVEY BASELINE PROTOCOLS	Fish Survey Baseline Protocols 2004
MACROINVERTEBRATE BASELINE PROTOCOLS	Macroinvertebrate Baseline D-frame Kick Net 2004
GRAB SAMPLE	Water Grab Sample Guidelines and Procedures 2005
GRAB SAMPLE	Water Grab Sample Guidelines and Procedures 2005

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/15/2017 10:20	COMPLETE	MCS1-2017-DUP	10015619	Morris (Moore) Creek Station 1 - Cth T Bridge In S23
05/15/2017 10:20	COMPLETE	MCS1-2017-MAY	10015619	Morris (Moore) Creek Station 1 - Cth T Bridge In S23
05/15/2017 10:20	COMPLETE	MCS1-2017-blank	10015619	Morris (Moore) Creek Station 1 - Cth T Bridge In S23
06/19/2017 09:55	COMPLETE	MCS1-2017-JUNE	10015619	Morris (Moore) Creek Station 1 - Cth T Bridge In S23
07/26/2017 09:20	COMPLETE	MCS1-2017-JULY	10015619	Morris (Moore) Creek Station 1 - Cth T Bridge In S23
08/21/2017 10:15	COMPLETE	MCS1-2017-AUGUS	10015619	Morris (Moore) Creek Station 1 - Cth T Bridge In S23
08/23/2017 11:15	COMPLETE	MTC1	10015623	Morris (Moore) Creek Station 8 - SW 1/4 of S15 trail is near stream
08/23/2017 11:44	COMPLETE	MTC2	10033590	Creek 21-12 downstream of Tri-Creek Impoundment
08/23/2017 12:00	COMPLETE	MTC3	10020678	Creek 21-12 St. 7 Cth T Bridge In S21
08/23/2017 12:15	COMPLETE	MTC4	10020776	Creek 28-8 St. 6 Hwy 71 In S28
08/23/2017 12:30	COMPLETE	MTC5	10015622	Morris (Moore) Creek Station 4 - Village Of Norwalk
08/23/2017 12:40	COMPLETE	MTC6	10016642	Moore (Morris) Creek - 25 Yds US of Cth T bridge near Mead Rd.
08/23/2017 12:52	COMPLETE	MTC7	10015929	Unnamed Cr 10-2 - ~ 60 Yds Upstream Of Cth F Bridge
09/18/2017 09:55	COMPLETE	MCS1-2017-SEPTE	10015619	Morris (Moore) Creek Station 1 - Cth T Bridge In S23
10/16/2017 09:22	COMPLETE	MCS1-2017-OCTOE	10015619	Morris (Moore) Creek Station 1 - Cth T Bridge In S23
10/18/2017	RECEIVED		10048904	Unnamed Trib WBIC 1201700- 20m US of Confluence with Moore Creek
10/18/2017	COMPLETE		10022490	Morris Creek - Confluence With Wbic 1201700
10/18/2017	COMPLETE		10015623	Morris (Moore) Creek Station 8 - SW 1/4 of S15 trail is near stream
10/18/2017	COMPLETE		10033590	Creek 21-12 downstream of Tri-Creek Impoundment
10/18/2017	COMPLETE		10020776	Creek 28-8 St. 6 Hwy 71 In S28
10/18/2017	COMPLETE		10015622	Morris (Moore) Creek Station 4 - Village Of Norwalk
11/01/2017	COMPLETE		10015929	Unnamed Cr 10-2 - ~ 60 Yds Upstream Of Cth F Bridge
11/01/2017	COMPLETE		10020523	Spring Valley Cr. (Cr. 10-2) St. 2 Mendota Ave. Crossing
11/01/2017	COMPLETE		10015619	Morris (Moore) Creek Station 1 - Cth T Bridge In S23
11/01/2017	COMPLETE		423219	Moore Creek at Cth T Near Norwalk WI
11/01/2017	COMPLETE		10016180	Moore Creek - 10 Yards Upstream Of Hwy 71
11/01/2017	COMPLETE		10016642	Moore (Morris) Creek - 25 Yds US of Cth T bridge near Mead Rd.

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Start Date	Status	Field ID	Station ID	Station Name
11/01/2017	COMPLETE		10020775	Creek 28-8 St. 5 1500ft Downstream Of Landmark Ave.
11/01/2017	COMPLETE		10020678	Creek 21-12 St. 7 Cth T Bridge In S21
11/01/2017	COMPLETE		10020680	Creek 21-12 St. 1 738ft Upstream Of Impoundment
11/01/2017	COMPLETE		10020672	Creek 17-16 St. 1 455ft Upstream From Impoundment

### Documents

Title	Description	Author	Published	Comments
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### Budget

<b>Budget Description:</b> May-June FY2017	<b>Start Date:</b> 05/01/2017	<b>End Date:</b> 06/30/2017
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	40	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	30	Hours	\$15.00	\$450.00	LTE hours include 2 LTEs for field work and data entry
LTE FR	LTE Fringe				\$111.15	
LTE IND	LTE Indirect				\$90.74	
LTE TOT	LTE Total Cost				\$651.89	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	370	Miles	\$0.72	\$266.40	
MEAL	Meals	4	Meals	\$10.00	\$40.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$306.40	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$958.29	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
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**Total SLOH Lab Costs:** \$0.00  
**Total Budget:** \$958.29

<b>Budget Description:</b> July-December FY2018	<b>Start Date:</b> 07/01/2017	<b>End Date:</b> 12/31/2017
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	50	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	140	Hours	\$15.00	\$2,100.00	LTE hours include 2 LTEs for field work, data entry and proofing (NC verification)
LTE FR	LTE Fringe				\$518.70	
LTE IND	LTE Indirect				\$423.44	
LTE TOT	LTE Total Cost				\$3,042.14	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	990	Miles	\$0.72	\$712.80	
MEAL	Meals	11	Meals	\$10.00	\$110.00	
LODGE	Lodging				\$0.00	

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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
TRAVEL	Travel Total				\$822.80	
BUG	Bug Contracts	10		\$65.00	\$650.00	
OTHER	Other Contracts	1		\$150.00	\$150.00	DNI Sampling
USGS	USGS Costs				\$0.00	
<b>TOTAL</b>	<b>Total Cost (excludes SLOH)</b>				<b>\$4,664.94</b>	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
<b>Total SLOH Lab Costs:</b>				\$0.00	
<b>Total Budget:</b>				\$4,664.94	
<b>Combined Budgets:</b>				\$5,623.23	
<b>Combined SLOH:</b>				\$0.00	
<b>Combined Total:</b>				\$5,623.23	

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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