

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: North_TWA_5_2015

Name: Woods Creek TWA, Florence County - Phase II 2015

Type: Targeted Watershed Approach

Subtype: Evaluation (TP SSC, Stressor, Bioassess)

Status: FINAL_RPT

Start Date: 1/1/2015

End Date: 12/31/2015

Purpose: Rhinelander Water Resources Biologist and LTEs will review previous data/files and collect biological information (electrofishing surveys & macroinvertebrate samples), qualitative habitat measures, and seasonal continuous temperature monitoring data on 16 proposed stream sites within the Woods Creek Watershed (HUC 12 40301080106) in Florence County, Wisconsin. All reconnaissance and data collection will occur between May and October, 2015.

Objective: Woods Creek Watershed is currently considered under the Targeted Watershed Assessments list for having at least one site with high TP (>0.075) and a relatively "Good" biologic score. Water Evaluation Section is working on a process to develop new TP assessments and phosphorus Site Specific Criteria (SSC) for these types of waterbodies. Data collection will be done in 2015 so when the rule is adopted, these sites have data ready to be evaluated for an SSC.

In addition, more than half the number of sites proposed have no data or data approximately 10 years old. 8 streams are listed as Class I Trout streams, while one is listed as Class II Trout stream. Updating water body assessment statuses and narratives and making management recommendations will be the primary goals. 16 possible sites have been identified, but could change during reconnaissance.

Comments:

Outcome: Sites under monitoring consideration for 2015:

- 1) Woods Creek 653300, HWY 101
- 2) Unnamed 653550, Woods Creek Rd
- 3) Unnamed 5003909, Poplar Drive
- 4) Patten Creek 653600, Patten Lk Rd
- 5) Unnamed 654100, North Shore Rd
- 6) Unnamed 5003893, Patten Lk Rd
- 7) Haley Creek 654300, Upstream Woods Cr
- 8) Unnamed 5003812, Rock Cr Rd
- 9) Unnamed 5003833, Rock Cr Rd
- 10) Woods Creek 653300, Patten Lk Rd
- 11) Haymarsh Creek 655400, Grade Rd
- 12) Cody Creek 655500, Unnamed Rd (lower crossing)
- 13) Woods Creek 653300, Rock Cr Rd
- 14) Woods Creek 653300, Halsey Lk Rd
- 15) Woods Creek 653300, Halsey Lk Rd (WEST crossing)
- 16) Woods Cr 22-14 656380, Halsey Lk Rd

Study Design: HUC12-40301080106

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

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Helmuth, Lisa D	COORDINATOR	INACTIVE	8/11/2018	12/28/2022	Wisconsin DNR	
KLOSIEWSKI, James M	COORDINATOR	ACTIVE	1/1/2015	12/31/2099	Wisconsin DNR	
LUER, GRANT M	TEAM_MEMBER	ACTIVE	6/22/2015		Wisconsin DNR	

7/27/2024

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YANG, HNUE	PROJECT_LEA D	ACTIVE	1/1/2015		Wisconsin DNR	
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Project Statuses

Date	Reported By	Status	Comments
2/3/2015	HNUE YANG	Proposed	
3/16/2020	Lisa Helmuth	Active	draft prepared by central office for regional completion.

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)	Rhineland Water Resources Biologist and LTES will review previous data/files and collect biological information (electrofishing surveys & macroinvertebrate samples), qualitative habitat measures, and seasonal continuous temperature monitoring data on 16 proposed stream sites within the Woods Creek Watershed (HUC 12 40301080106) in Florence County, Wisconsin.	1/1/2015	12/31/2015	COMPLETE

Monitoring Stations

Station ID	Name	Comments
10012934	Cody Creek - 102m Below Road Off Goodman Grade - 2nd Crossing On South Fork	
10021871	Cody Creek A1	RESEARCH
10034151	Haley Cr app 310 m US from Woods Crk	
10014417	Haymarsh Creek - 107.4m Below Goodman Grade	
10021755	Lower Cody Creek	
10043712	Patten Cr 315m DS Patten Lk Rd	
10012929	Unnamed Creek 13-16 - 46m Above North Shore Rd	
10012891	Woods Creek - 128m Below Halsey Lake Rd./Fr2156	

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10012892	Woods Creek - 222m Below former Patten Lake Rd. crossing	Woods Creek Watershed Assessment_NOR_03_CMP15
10012092	Woods Creek -Former Flowage Area - Station 5	
10044536	Woods Crk app. 85 meters US from Goodman Grade Rd	

Assessment Units

WBIC	Segment	Local Name	Official Name
652900	1	Popple River	Popple River
653300	1	Woods Creek	Woods Creek
653600	1	Pattern Creek	Patten Creek
654100	1	Creek 13-13 (T39n, R16e)	Unnamed
654300	1	Haley Creek	Haley Creek
655400	2	Haymarsh Creek	Haymarsh Creek
655500	1	Cody Creek	Cody Creek

Lab Account Codes

Account Code	Description	Start Date	End Date
WQ002	TARGETED WATERSHED ASSESSMENTS	3/26/2014	12/31/2099

Forms

Form Code	Form Name
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Methods

Method Code	Method Description
FISH SURVEY BASELINE PROTOCOLS	Fish Survey Baseline Protocols 2004
KICKNET SAMPLING - MACROINVERTEBRATE DATA COLLECTION	Macroinvertebrate Kicknet Data Collection 2000

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
11/4/2015	COMPLETE		10044536	Woods Crk app. 85 meters US from Goodman Grade Rd
11/4/2015	COMPLETE		10043712	Patten Cr 315m DS Patten Lk Rd

Documents

Title	Description	Author	Published	Comments
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Budget

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Budget Description: TWA Woods Creek Watershed Assessment	Start Date: 1/1/2015	End Date: 6/30/2015
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours		Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	50	Hours	\$13.00	\$650.00	2 LTEs, recon, data review, brushing, deploy temp loggers
LTE FR	LTE Fringe				\$160.55	
LTE IND	LTE Indirect				\$131.07	
LTE TOT	LTE Total Cost				\$941.62	
SUPPLY	Supplies	2		\$8.00	\$16.00	Batteries for temp loggers, 4-count pks
EQUIP	Equipment	1		\$32.00	\$32.00	Rite in Rain Paper
MILEAGE	Mileage	300	Miles	\$0.72	\$216.00	2 days rundtrip, recon, brushing, deploy temp loggers
MEAL	Meals	4	Meals	\$10.00	\$40.00	2 LTEs, 2 field days
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$256.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$1,245.62	

Total WSLH Lab Costs: \$0.00
Total Budget: \$1,245.62

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Budget Description: TWA Woods Creek Watershed Assessment	Start Date: 7/1/2015	End Date: 6/30/2016
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours		Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	100	Hours	\$13.00	\$1,300.00	2 LTEs, fish, habitat, bugs, water samples, data entry, report writing
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	600	Miles	\$0.72	\$432.00	4 field days, round trip
MEAL	Meals	8	Meals	\$10.00	\$80.00	2 LTEs, 4 days
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$512.00	
BUG	Bug Contracts	10		\$185.00	\$1,850.00	10 sites
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$4,245.23	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I440NLD	AMMONIA (AS N), DISS (EPA 350.1)	INORGANIC CHEMISTRY	1	\$25.89	\$25.89
I460GLT	NITRATE + NITRITE (AS N) (EPA 353.2)	INORGANIC CHEMISTRY	1	\$27.89	\$27.89
I466ALT	TOTAL NITROGEN(ASN)(SM4500-N)	INORGANIC CHEMISTRY	1	\$26.00	\$26.00
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	1	\$23.60	\$23.60
I650JLT	SUSPENDED SOLIDS (EPA METHOD 160.2)	INORGANIC CHEMISTRY	1	\$18.80	\$18.80
I720BLT	FIELD TESTS	INORGANIC CHEMISTRY	1	\$6.36	\$6.36

Total WSLH Lab Costs: \$128.54

Total Budget: \$4,373.77

Combined Budgets: \$5,490.85

Combined WSLH: \$128.54

Combined Total: \$5,619.39

Funding					
Organization	Source	Type	Amount	Start Date	End Date