

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: North_TWA_1_2014
Name: Hay Creek-Wood River [HUC12]
Type: Targeted Watershed Approach
Subtype: Evaluation (TP SSC, Stressor, Bioassess)
Status: COMPLETE
Start Date: 01/01/2014
End Date: 12/31/2014
Purpose: This is a targeted watershed assessment (TWA) that will use the standard protocols provided by central office staff.
Objective: HUC 12 - 70300050104
Comments: Is this a New or Continuing project? New.
Outcome: Protocol that has been provided to date has not identified expected project deliverables. Water chemistry and bug sample results are entered into SWIMS. Fish and habitat data will be entered into the F+H data base.

Study Design: 8 sites will be assessed with 2 to 6 visits per site. Sites are TBD following a spring recon trip.
 Standard stream protocols will be used.
 8 sites will be assessed with 2 to 6 visits per site. Sites are TBD following a spring recon trip.

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
CUNNINGHAM, JOSEPH L	COORDINATOR	ACTIVE	01/01/2014	12/31/2014	Wisconsin DNR	
HAGEN, CHERIE L	SUPERVISOR	ACTIVE	01/01/2014	12/31/2014	Wisconsin DNR	
Roesler, Craig P	PROJECT_LEAD	ACTIVE	01/01/2014	12/31/2014	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
11/25/2014	Craig Roesler	Progress: 75-100% C	Field work completed. Results will be contained in the Crex Meadows Water Quality Assessment report. That preliminary report will be completed prior to spring 2015. The final report will be completed when macroinvertebrate sample results are received from UW Stevens Point.
12/15/2015	Lisa Helmuth	Progress: 75-100% C	North_TWA_1_2014 Results will be contained in the Crex Meadows Water Quality Assessment report. That preliminary report will be completed prior to spring 2015. The final report will be completed when macroinvertebrate sample results are received from UW Stevens Point.

Actions

Action	Detailed Description	Start	End Date	Status
Monitor Targeted Watershed Area (TWA)	Hay Creek-Wood River [HUC12] This is a targeted watershed assessment (TWA) that will use the standard protocols provided by central office staff.	*****	12/31/2014	COMPLETE

Monitoring Stations

Station ID	Name	Comments
10042428	Unnamed stream 155 m DS North Rd	
10042555	Hay Creek 170m DS STH 70	
10042459	Hay Creek 177 m DS Benson Rd	

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Station ID	Name	Comments
10042528	Hay Creek 20 m US Borg Rd.	
10042530	Unnamed ditch at CTH F	
10042529	Whiskey Creek 192m DS Whiskey Creek Flowage	
073030	Wood River At West River Road (1 Mi Above St Croix R)	

Assessment Units

WBIC	Segment	Local Name	Official Name
2642900	2	Wood River	Wood River
2643000	1	Hay Creek	Hay Creek
2643000	2	Hay Creek	Hay Creek
2646600	1	Whiskey Creek	Whiskey Creek
2646600	2	Whiskey Creek	Whiskey Creek
5004271	1	Unnamed	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
CBSM-TEST	Macroinvertebrate Field Data
MACROINVERT_BASIC	Macroinvertebrate Survey Basic Form
EPA ASSESSMENT PIL	WT-2011-1 Field Data
WADEABLE_MACRO_F	Wadeable Macroinvertebrate Field & Habitat Data

Methods

Method Code	Description
MACROINVERTEBRATE BASELINE PROTOCOLS	Macroinvertebrate Baseline Protocols 2004 D-frame Kick Net
MULTIPLE METHODS	Multiple Methods
NUTRIENT SAMPLING STREAMS 2015	Nutrient Sampling Standard Operating Procedures (3.2) WQ Monitoring 2015
GRAB SAMPLE	Water Grab Sample (2005) Guidelines and Procedures

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/23/2014 11:10	COMPLETE	NA	073030	Wood River At West River Road (1 Mi Above St Croix R)
06/23/2014 20:00	COMPLETE	WOOD RIVER AT W	073030	Wood River At West River Road (1 Mi Above St Croix R)
07/09/2014 10:00	COMPLETE	UNC-1	10042428	Unnamed stream 155 m DS North Rd
07/17/2014 10:00	COMPLETE	WH-3	10037789	Whiskey Creek 110m DS CTH D
07/25/2014 14:00	COMPLETE	HAB-1	10042459	Hay Creek 177 m DS Benson Rd
07/28/2014 10:00	COMPLETE	FD-1	10042530	Unnamed ditch at CTH F
07/29/2014 19:40	COMPLETE	NA	073030	Wood River At West River Road (1 Mi Above St Croix R)
07/31/2014 10:00	COMPLETE	HABO-4	10042528	Hay Creek 20 m US Borg Rd.
07/31/2014 14:00	COMPLETE	WHU-5	10042529	Whiskey Creek 192m DS Whiskey Creek Flowage

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Start Date	Status	Field ID	Station ID	Station Name
08/08/2014 09:00	COMPLETE	WO-2	073029	Wood River at Hwy 70 Upstr Of Grantsburg
08/08/2014 13:00	COMPLETE	HA-3	10042555	Hay Creek 170m DS STH 70
08/26/2014 12:35	COMPLETE	NA	073030	Wood River At West River Road (1 Mi Above St Croix R)
09/24/2014 14:55	COMPLETE	NA	073030	Wood River At West River Road (1 Mi Above St Croix R)
10/09/2014 10:00	COMPLETE	20141009-07-01	073030	Wood River At West River Road (1 Mi Above St Croix R)
10/09/2014 10:00	COMPLETE	20141009-07-02	10042528	Hay Creek 20 m US Borg Rd.
10/09/2014 10:00	SCHEDULED	20141009-07-02	10042528	Hay Creek 20 m US Borg Rd.
10/09/2014 11:00	COMPLETE	20141009-07-03	10037789	Whiskey Creek 110m DS CTH D
10/15/2014 10:00	COMPLETE	20141015-07-04	073029	Wood River at Hwy 70 Upstr Of Grantsburg
10/15/2014 10:00	COMPLETE	20141015-07-05	10029120	Wood River-upstrm. Crosstown Rd
10/21/2014 15:04	COMPLETE	WOOD RIVER @ RI'	073030	Wood River At West River Road (1 Mi Above St Croix R)
10/24/2014 10:00	COMPLETE	20141024-07-01	073106	Wood River at North Williams Rd Near Grantsburg WI
10/24/2014 10:00	COMPLETE	20141024-07-02	10042428	Unnamed stream 155 m DS North Rd

Documents

Title	Description	Author	Published	Comments
2014 Total Phosphorus Monitoring Report - Wood River @ W River Rd	This Targeted Watershed Assessment (TWA) will address needs for baseline water quality monitoring of the Lower Wood River watershed. Several stream sites were monitored and the field data collected during each visit was used to flag problem waters. In 2014, Water Action Volunteers stream monitors who live in Lower Wood River watershed were asked to assist in the monitoring process by collecting water samples. The targeted watershed assessment will hopefully provide enough information to add to existing recent data in order to evaluate the watershed for total phosphorus levels.	Lindsey Albright	02/04/2015	

Budget

Budget Description:Jan - June 2014				Start Date:	End Date:	
Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	30	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	24	Hours	\$13.00	\$312.00	
LTE FR	LTE Fringe				\$77.06	
LTE IND	LTE Indirect				\$62.91	
LTE TOT	LTE Total Cost				\$451.98	
SUPPLY	Supplies	2		\$30.00	\$60.00	sample shipping
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	600	Miles	\$0.61	\$366.00	
MEAL	Meals	6	Meals	\$9.00	\$54.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$420.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	

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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$931.98	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
IC52010	PHOSPHORUS TOTAL	INORGANIC CHEMISTRY	2	\$23.60	\$47.20

Total SLOH Lab Costs: \$47.20

Budget Description: Jul - Dec 2014

Start Date:

End Date:

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	130	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	110	Hours	\$13.00	\$1,430.00	
LTE FR	LTE Fringe				\$353.21	
LTE IND	LTE Indirect				\$288.35	
LTE TOT	LTE Total Cost				\$2,071.56	
SUPPLY	Supplies	4		\$30.00	\$120.00	sample shipping
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	1800	Miles	\$0.61	\$1,098.00	
MEAL	Meals	9	Meals	\$9.00	\$81.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$1,179.00	
BUG	Bug Contracts	8		\$180.00	\$1,440.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$4,810.56	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
IC36202	CHLORIDE BY ION CHROMATOGRAPHY	INORGANIC CHEMISTRY	1	\$17.88	\$17.88
IC46601	TN BY LACHAT TOTAL	INORGANIC CHEMISTRY	1	\$26.00	\$26.00
IC52010	PHOSPHORUS TOTAL	INORGANIC CHEMISTRY	11	\$23.60	\$259.60
IC65000	SUSPENDED SOLIDS	INORGANIC CHEMISTRY	1	\$18.80	\$18.80

Total SLOH Lab Costs: \$322.28

Combined Budgets: \$5,742.53

Combined SLOH: \$369.48

Funding

Organization	Source	Type	Amount	Start Date	End Date
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