

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: South_TWA_1_2016

Name: Yellowstone River TWA 2016

Type: Targeted Watershed Approach

Subtype: Evaluation (TP SSC, Stressor, Bioassess)

Status: REPORT

Start Date: 12/16/2015

End Date: 12/31/2099

Purpose: Monitor the contemporary status of streams and rivers in the Yellowstone River watershed as well as evaluate the overall health of the watershed. The department needs current fish, habitat, and macroinvertebrate data for streams in the watershed to augment the county land and water plan and to determine priorities for work in the future. The data will be used to determine whether these streams are achieving their attainable use in order to update the watershed tables, list water that are not meeting their attainable use, and assess the overall health of the watersheds as required by Section 303(d) of the Clean Water Act.

Objective: Data gathered for this project will be used to update the watershed plan and stream narratives, an update information related to impaired waters listings.

The plan will also be used by the Iowa and Lafayette county LCDs to determine overall condition of the resources and plan for priority areas to work in.

Comments: New.

Outcome: Fisheries, habitat, and macroinvertebrate data will be collected on 22 sites in the HUC 10 watershed.

Data will be collected during the field season of the 2016 calendar year.

Data will be entered into the FH database and SWIMS. Updated streams narratives and watershed report will be entered into SWIMS and WATERS.

All data will be entered into the respective database by December, 2016 or as soon as it becomes available.

Final Report will be drafted in winter, 2017/18.

Study Design: Study will be conducted using department approved SOPs and techniques. Sites were chosen using the help of the NC model and new TWSST model

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

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
AMRHEIN, JAMES F	PROJECT_LEAD	COMPLETE	12/16/2015	7/16/2022	Wisconsin DNR	
Helmuth, Lisa D	COORDINATOR	INACTIVE	11/10/2019	12/28/2022	Wisconsin DNR	

Project Statuses			
Date	Reported By	Status	Comments
2/1/2016	JAMES AMRHEIN	Proposed	
12/16/2016	JAMES AMRHEIN	Progress: 50-75% Complete	Field work completed. Awaiting bug results. Final Report expected in winter 2017/18.
1/21/2020	Lisa Helmuth	Final Report Needed	Needs EGAD Number

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Project Status Detail

Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor Fish Community		12/16/2015	12/31/2099	PROPOSED
Monitor or Assess Watershed Condition		12/16/2015	12/31/2099	PROPOSED
Monitor Targeted Watershed Area (TWA)	Yellowstone River TWA [HUC10] 2016	12/16/2015	12/31/2099	PROPOSED
Monitor Water Quality or Sediment	The department needs current fish, habitat, and macroinvertebrate data for streams in the watershed to augment the county land and water plan and to determine priorities for work in the future. The data will be used to determine whether these streams are achieving their attainable use in order to update the watershed tables, list water that are not meeting their attainable use, and assess the overall health of the watersheds as required by Section 303(d) of the Clean Water Act.	12/16/2015	12/31/2099	PROPOSED
Water Quality Planning	Yellowstone River TWA [HUC10] 2016	12/16/2015	12/31/2099	PROPOSED

Monitoring Stations

Station ID	Name	Comments
10012841	Canon Creek Gilberston Road	
10044969	Canon Creek at Rock Branch Rd	
10044970	McClintock Creek at CTH F	
10046971	McClintock Creek at CTH N	
133315	Pheasant Branch at Ush 12 In Middleton WI	
10033742	Steiner Branch - 2007 Habitat Work	
10022554	Steiner Branch Baseline Lower (Snowmobile Bridge upstrm of CTH F)	
10022553	Steiner Branch Baseline Upper	
10010044	Unnamed Creek (904700) Remap 131-X	
10044998	Unnamed Trib (904200) to Steiner Br - Upstrm of State Wildlife Area Rd	
10045000	Unnamed Trib (904200) to Steiner Br - Upstrm of Unnamed (5039135) Trib	
10045001	Unnamed Trib (904400) to Steiner Br at Horse Trail gate	
10046798	Unnamed Trib (904700) to Yellowstone R at County Line Rd	
10046931	Unnamed Trib (905000) to Yellowstone R at County Line Rd	
10033665	Unnamed Trib (905300) to Yellowstone River at Rocky Knoll Road	
10044968	Unnamed Trib (905400) to Yellowstone River at Rocky Knoll Rd	

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10044962	Unnamed Trib (905600) to Yellowstone River at CTH DD	
693224	Waupaca River at Weyauwega Dam	
10044847	Yellowstone Rlver - Gant Road (Upper Crossing)	
333235	Yellowstone River - (Bridge) at Gant Rd	
333091	Yellowstone River - Cth F (Bi)	
10021416	Yellowstone River At Old Q Road	
10044845	Yellowstone River at CTH DD	
10029857	Yellowstone River at County Line Rd (Station 1)	
10046967	Yellowstone River at Gunderson Rd	

Assessment Units

WBIC	Segment	Local Name	Official Name
257400	1	Waupaca River	Waupaca River
805900	2	Pheasant Branch	Pheasant Branch
902500	1	Yellowstone River	Yellowstone River
902500	2	Yellowstone River	Yellowstone River
902500	3	Yellowstone River	Yellowstone River
902500	4	Yellowstone River	Yellowstone River
902700	1	Mc Clintock Creek	McClintock Creek
904000	1	Steiner Branch	Steiner Br
904000	3	Steiner Branch	Steiner Br
904200	1	Unnamed Trib to Steiner Br	Unnamed
904400	1	Unnamed Trib to Steiner Branch	Unnamed
904500	1	Cannon Creek	Canon Creek
904700	1	Local Water	Unnamed
905000	1	Local Water	Unnamed
905300	1	Local Water	Unnamed
905400	1	Local Water	Unnamed
905600	1	Local Water	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
WQ019	319 Project Funded TWA	3/22/2016	12/31/2016

Forms

Form Code	Form Name
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Methods

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Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
5/17/2016 16:40	COMPLETE	WRDLW-2016-MAY	693224	Waupaca River at Weyauwega Dam
5/25/2016 11:00	COMPLETE	HOBO	10044845	Yellowstone River at CTH DD
5/25/2016 11:00	COMPLETE		10044968	Unnamed Trib (905400) to Yellowstone River at Rocky Knoll Rd
5/25/2016 11:00	COMPLETE		10044962	Unnamed Trib (905600) to Yellowstone River at CTH DD
5/25/2016 12:00	COMPLETE		10010044	Unnamed Creek (904700) Remap 131-X
5/25/2016 12:00	COMPLETE		333235	Yellowstone River - (Bridge) at Gant Rd
5/25/2016 13:00	COMPLETE		10022554	Steiner Branch Baseline Lower (Snowmobile Bridge upstrm of CTH F)
5/25/2016 14:00	COMPLETE		10046971	McClintock Creek at CTH N
6/17/2016 6:50	COMPLETE	PH-1823	133315	Pheasant Branch at Ush 12 In Middleton WI
10/10/2016	COMPLETE	20161010-25-01	10044962	Unnamed Trib (905600) to Yellowstone River at CTH DD
10/10/2016	COMPLETE	20161010-25-02	10044845	Yellowstone River at CTH DD
10/10/2016	COMPLETE	20161010-25-03	10044968	Unnamed Trib (905400) to Yellowstone River at Rocky Knoll Rd
10/10/2016	COMPLETE	20161010-25-04	10033665	Unnamed Trib (905300) to Yellowstone River at Rocky Knoll Road
10/10/2016	COMPLETE	20161010-25-05	10029857	Yellowstone River at County Line Rd (Station 1)
10/10/2016	COMPLETE	20161010-25-06	10046798	Unnamed Trib (904700) to Yellowstone R at County Line Rd
10/10/2016	COMPLETE	20161010-33-01	10012841	Canon Creek Gilberston Road
10/10/2016	COMPLETE	20161010-33-02	10046931	Unnamed Trib (905000) to Yellowstone R at County Line Rd
10/10/2016	COMPLETE	20161010-33-03	10010044	Unnamed Creek (904700) Remap 131-X
10/10/2016	COMPLETE	20161010-33-04	10044847	Yellowstone River - Gant Road (Upper Crossing)
10/10/2016	COMPLETE	20161010-33-05	333235	Yellowstone River - (Bridge) at Gant Rd
10/14/2016	COMPLETE	20161014-33-01	10044970	McClintock Creek at CTH F
10/14/2016	COMPLETE	20161014-33-02	10044998	Unnamed Trib (904200) to Steiner Br - Upstrm of State Wildlife Area Rd
10/14/2016	COMPLETE	20161014-33-03	10022553	Steiner Branch Baseline Upper
10/14/2016	COMPLETE	20161014-33-04	10046971	McClintock Creek at CTH N

Documents

Title	Description	Author	Published	Comments
An Assessment of Water Quality in the Yellowstone River Watershed (2016), TWA-Monitoring Report	An Assessment of Water Quality in the Yellowstone River Watershed	Amrhein, James	5/1/2017	

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J. Amrhein Brown Trout Yellowstone River TWA (17.9 in) (902500) photo by AMRHEIN, JAMES	J. Amrhein Brown Trout Yellowstone River TWA (17.9 in) (902500) photo by AMRHEIN, JAMES	AMRHEIN, JAMES	7/29/2014	
M. Sorge Yellowstone River TWA Friend (902500) photo by James Amrhein	M. Sorge Yellowstone River TWA Friend (902500) photo by James Amrhein	Amrhein, James	8/5/2013	
Riffle2 Yellowstone River TWA (902500) photo by James Amrhein	Riffle2 Yellowstone River TWA (902500) photo by James Amrhein	Amrhein, James	8/6/2013	
SM Bass5 Yellowstone River TWA (902500) photo by James Amrhein	SM Bass5 Yellowstone River TWA (902500) photo by James Amrhein	James, Amrhein	7/29/2014	
Yellowstone River TWA Hornyhead Chub nest2 (902500) photo by James Amrhein	Yellowstone River TWA Hornyhead Chub nest2 (902500) photo by James Amrhein	Amrhein, James	8/5/2013	
Yellowstone River TWA with Cows in Water (902500) photo by James Amrhein	Yellowstone River TWA with Cows in Water (902500) photo by James Amrhein	Amrhein, James	8/5/2013	

Budget

Budget Description: Jan-June2016	Start Date: 1/1/2016	End Date: 6/30/2016
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	96	Hours	\$0.00	\$0.00	2 FTE x 6 trips x 8 hours/trip
LTE SAL	LTE Salary	48	Hours	\$13.00	\$624.00	1 LTE x 6 trips x 8 hours/trip
LTE FR	LTE Fringe				\$154.13	
LTE IND	LTE Indirect				\$125.82	
LTE TOT	LTE Total Cost				\$903.95	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	600	Miles	\$0.64	\$384.00	6 trips x 100 miles/trip
MEAL	Meals	18	Meals	\$4.00	\$72.00	6 trips x 3 lunches/trip
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$456.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$1,359.95	

Total WSLH Lab Costs: \$0.00
Total Budget: \$1,359.95

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Budget Description: July - Dec 2016	Start Date: 7/1/2016	End Date: 12/31/2016
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	96	Hours	\$0.00	\$0.00	2 FTE x 6 trips x 8 hours/trip
LTE SAL	LTE Salary	48	Hours	\$13.00	\$624.00	1 LTE x 6 trips x 8 hours/trip
LTE FR	LTE Fringe				\$154.13	
LTE IND	LTE Indirect				\$125.82	
LTE TOT	LTE Total Cost				\$903.95	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage	600	Miles	\$0.64	\$384.00	6 trips x 100 miles/trip
MEAL	Meals	18	Meals	\$4.00	\$72.00	6 trips x 3 lunches/trip
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$456.00	
BUG	Bug Contracts	9		\$185.00	\$1,665.00	
OTHER	Other Contracts	2		\$200.00	\$400.00	Diatom analysis
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$3,424.95	

Total WSLH Lab Costs: \$0.00

Total Budget: \$3,424.95

Combined Budgets: \$4,784.90

Combined WSLH: \$0.00

Combined Total: \$4,784.90

Funding					
Organization	Source	Type	Amount	Start Date	End Date