

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: USRWA

Name: Upper Sugar River Watershed Association (Level 3)

Type: Citizen Based Stream Monitoring

Subtype: Volunteer Monitoring

Status: ACTIVE

Start Date: 06/01/2005

End Date: 01/01/2099

Purpose: The Water Action Volunteers Program involves citizen monitors in the process of collecting water quality data used by the DNR to assist in making management decisions. Goals of the program include collecting high quality data that can be used for management decisions, building relationships between DNR staff and citizen monitors, and assessing areas in need of additional monitoring, restoration and/or protection. Ultimately, volunteer participation in this project aids DNR staff by allowing for increased capabilities to monitor streams. Communities and the DNR can use this water quality information to make decisions that affect the management of streams throughout Wisconsin.

Objective: Data collected by Water Action Volunteers can be used by DNR staff as screening tools. The process of data collection helps Wisconsin citizenry enhance their understanding of data collection and in many cases, move to more sophisticated data collection work including biological and additional physical site data..

Comments:

Outcome:

Study Design: The Level 2 stream monitoring sampling plan is consistent with statewide baseline monitoring guidelines laid out in the DNR's Water Resources Monitoring Strategy for Wisconsin.

- DNR or county staff recommends sites that could be useful to have monitored based on needs to acquire status or trends information, or other types of monitoring that is priority.
- Volunteers are asked to monitor, at least, from May through September
- Volunteers choose primary (P) and secondary (S) sampling dates in advance and note on their data sheets on which of those dates they monitored.
- Volunteers are asked to sample on the primary date unless there are safety concerns about being at the stream site (e.g., tornado, lightning, dangerously high flows) or a family emergency.
- The goal is to monitor at the same time each month, preferably 30 days apart from the last monitoring visit.
- Volunteers are instructed to enter data by the end of each month.

Parameters Measured:

- Dissolved oxygen (concentration)
- Dissolved oxygen (saturation)
- Transparency
- Temperature (instantaneous and continuous measurements)
- pH.

QA Measures: Program Coordinator or Local Coordinators visit with 10% of volunteer stations annually to conduct side-by-side monitoring of dissolved oxygen and pH, using his/her own meter to check that volunteers are calibrating meters and following methods correctly, to ensure the equipment is functioning properly, and to answer any questions or concerns. The Data Managers run monthly database queries throughout the field season to evaluate the quality of data entered into the database and follow-up with volunteers to address anomalies that are identified.

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Moder, Wade	COORDINATOR	ACTIVE	09/09/2010		Upper Sugar River Watershed Association	
Moder, Wade	COORDINATOR	ACTIVE	09/09/2010		Upper Sugar River Watershed Association	
Olson, Becky	COORDINATOR	INACTIVE	05/01/2006		Upper Sugar River Watershed Association	
REHWALD, MATTHEW J	TEAM_MEMBER	ACTIVE	03/29/2006		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Monitoring Stations				
Station ID	Name	Comments		
10011966	Badger Mill Creek - Sth. 69 Upstream To Fenceline In Pasture	CBSM site - Keens		
10012173	Deer Creek - Hwy. 92 Upstream 120 M To Corner Post By Phone Pole	CBSM site - FetterWald		
10010799	Deer Creek At Sth 92			
10009635	Deer Creek Starting At Sutter Lane	Deer Creek at Sutter Lane, aka Pat's Driveway. CBSM		
10009425	Flynn Creek At Southern Fritz Rd. Crossing			
10013346	Flynn Creek at Cth A			
10010787	Fryes Feeder - Fryes Feeder At Snowmobile Bridge Below Sth 92			
10012233	Fryes Feeder - Uppermost Town Hall Rd Crossing			
10009643	Fryes Feeder 130m Upstream Hwy 92			
10009645	Fryes Feeder Upstream Townhall Rd Bridge (Sec 21)			
10013354	Fryes Feeder at Miller Farm	CBSM monitoring site - FetterWald		
10012637	Mt. Vernon Creek At Cth A			
10012179	Schlapbach Creek - 50 M Ne Of Pump House Upstream 150 M To End			
10010882	Schlapbach Creek At Klevenville Riley Rd			
10009466	Schlapbach Creek Upstream Sletto Rd			
10012235	Schlapbach Creek at Town Hall Rd.			
10009476	Sugar River Upstream Of Valley Rd			
133216	Sugar River West Branch - Docken Road			
133548	Sugar River at Riverside Rd			
133113	Trib To Schlapbach Creek At Bakken Rd Brg 977			
10007864	Tributary To West Branch Of The Sugar River at Cth Jg			
10012234	Unnamed Trib To Fryes Feeder - Town Hall Rd Near Springdale Town Hall			
10009700	West Branch Sugar At Barton Rd (Segment #15)			
133556	West Branch Sugar River at Cth G			

Assessment Units

WBIC	Segment	Local Name	Official Name
875300	2	Upper Sugar River	Sugar River
886100	2	West Branch Sugar River	West Branch Sugar River
886100	3	West Branch Sugar River	West Branch Sugar River
886400	1	Flynn Creek	Flynn Creek
886600	1	Mt. Vernon Creek	Mt Vernon Creek
886800	1	Fryes Feeder	Fryes Feeder
886800	2	Fryes Feeder	Fryes Feeder
886900	1	Deer Creek	Deer Creek
887500	1	Unnamed	Unnamed
888100	1	Badger Mill Creek	Badger Mill Creek
888500	1	Schlapbach Creek	Schlapbach Creek
888500	2	Schlapbach Creek	Schlapbach Creek
5036347	1	Local Water	Unnamed
5036462	1	Local Water	Unnamed

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Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload

Methods

Method Code	Description
DNR-FPM-2502	Temperature (Instantaneous) Digital Meter 1995

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
07/21/2006 13:00	COMPLETE		10012233	Fryes Feeder - Uppermost Town Hall Rd Crossing
07/21/2006 13:00	COMPLETE		10010882	Schlapbach Creek At Klevenville Riley Rd
07/21/2006 14:00	COMPLETE		133216	Sugar River West Branch - Docken Road
07/21/2006 14:00	COMPLETE		10012173	Deer Creek - Hwy. 92 Upstream 120 M To Corner Post By Phone Pole
07/21/2006 15:00	COMPLETE		10009645	Fryes Feeder Upstream Townhall Rd Bridge (Sec 21)
09/08/2006 09:00	COMPLETE		10012637	Mt. Vernon Creek At Cth A
09/15/2006 12:00	COMPLETE		10010882	Schlapbach Creek At Klevenville Riley Rd
09/15/2006 12:00	COMPLETE		10009645	Fryes Feeder Upstream Townhall Rd Bridge (Sec 21)
09/15/2006 12:00	COMPLETE		10012233	Fryes Feeder - Uppermost Town Hall Rd Crossing
09/15/2006 12:00	COMPLETE		133216	Sugar River West Branch - Docken Road
11/06/2006 11:00	COMPLETE		10012235	Schlapbach Creek at Town Hall Rd.
11/06/2006 11:00	COMPLETE		10012179	Schlapbach Creek - 50 M Ne Of Pump House Upstream 150 M To End
11/09/2006 14:00	COMPLETE		10009643	Fryes Feeder 130m Upstream Hwy 92
03/17/2007 01:00	COMPLETE		133216	Sugar River West Branch - Docken Road
03/17/2007 01:00	COMPLETE		10010882	Schlapbach Creek At Klevenville Riley Rd
03/17/2007 01:00	COMPLETE		10009700	West Branch Sugar At Barton Rd (Segment #15)
03/17/2007 01:00	COMPLETE		10009635	Deer Creek Starting At Sutter Lane
03/17/2007 13:00	COMPLETE		10013354	Fryes Feeder at Miller Farm
06/02/2007 12:35	COMPLETE		10012637	Mt. Vernon Creek At Cth A
06/27/2007 14:00	COMPLETE		10010882	Schlapbach Creek At Klevenville Riley Rd
06/27/2007 14:00	COMPLETE		133216	Sugar River West Branch - Docken Road
06/27/2007 14:00	COMPLETE		10009700	West Branch Sugar At Barton Rd (Segment #15)
06/27/2007 14:00	COMPLETE		10012235	Schlapbach Creek at Town Hall Rd.
06/27/2007 14:00	COMPLETE		10012179	Schlapbach Creek - 50 M Ne Of Pump House Upstream 150 M To End
06/27/2007 14:00	COMPLETE		10013354	Fryes Feeder at Miller Farm
06/27/2007 14:00	COMPLETE		10009643	Fryes Feeder 130m Upstream Hwy 92
06/27/2007 14:00	COMPLETE		10009635	Deer Creek Starting At Sutter Lane
06/28/2007 14:00	COMPLETE		133548	Sugar River at Riverside Rd
06/28/2007 18:00	COMPLETE		10007864	Tributary To West Branch Of The Sugar River at Cth Jg
06/28/2007 18:00	COMPLETE		10011966	Badger Mill Creek - Sth. 69 Upstream To Fenceline In Pasture
06/28/2007 18:00	COMPLETE		10012173	Deer Creek - Hwy. 92 Upstream 120 M To Corner Post By Phone Pole
07/02/2007 18:00	COMPLETE		133113	Trib To Schlapbach Creek At Bakken Rd Brg 977
07/03/2007 14:00	COMPLETE		10009476	Sugar River Upstream Of Valley Rd

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Start Date	Status	Field ID	Station ID	Station Name
08/15/2007 17:00	COMPLETE		10013346	Flynn Creek at Cth A
06/27/2008 14:00	COMPLETE	TIDBIT	10009635	Deer Creek Starting At Sutter Lane
06/27/2008 14:00	COMPLETE	TIDBIT	10009700	West Branch Sugar At Barton Rd (Segment #15)
06/27/2008 14:00	COMPLETE	TIDBIT	10007864	Tributary To West Branch Of The Sugar River at Cth Jg
05/12/2009 14:00	COMPLETE	TIDBIT	10012179	Schlapbach Creek - 50 M Ne Of Pump House Upstream 150 M To End
05/12/2009 14:00	COMPLETE	TIDBIT	10013354	Fryes Feeder at Miller Farm
05/12/2009 14:00	COMPLETE	TIDBIT	133548	Sugar River at Riverside Rd
05/12/2009 14:00	COMPLETE	TIDBIT	10007864	Tributary To West Branch Of The Sugar River at Cth Jg
05/12/2009 14:00	COMPLETE	TIDBIT	10009700	West Branch Sugar At Barton Rd (Segment #15)
05/12/2009 14:00	COMPLETE		10009476	Sugar River Upstream Of Valley Rd
05/12/2009 14:00	COMPLETE		133216	Sugar River West Branch - Docken Road
05/12/2009 14:00	COMPLETE		10010882	Schlapbach Creek At Klevenville Riley Rd
05/12/2009 14:00	COMPLETE		10009635	Deer Creek Starting At Sutter Lane
05/20/2010 17:00	COMPLETE	TIDBIT	133113	Trib To Schlapbach Creek At Bakken Rd Brg 977
05/01/2011	COMPLETE	TIDBIT	10007864	Tributary To West Branch Of The Sugar River at Cth Jg
05/01/2011 15:10	COMPLETE	TIDBIT	10010882	Schlapbach Creek At Klevenville Riley Rd
05/01/2011 15:45	COMPLETE	TIDBIT	10013346	Flynn Creek at Cth A
05/01/2011 16:15	COMPLETE	TIDBIT	10009643	Fryes Feeder 130m Upstream Hwy 92
05/01/2011 16:25	COMPLETE	TIDBIT	10009635	Deer Creek Starting At Sutter Lane
05/01/2011 16:30	COMPLETE	TIDBIT	10009466	Schlapbach Creek Upstream Sletto Rd
05/01/2011 16:40	COMPLETE	TIDBIT	10012173	Deer Creek - Hwy. 92 Upstream 120 M To Corner Post By Phone Pole
08/28/2012 18:00	COMPLETE	TIDBIT	133113	Trib To Schlapbach Creek At Bakken Rd Brg 977
08/28/2012 19:05	COMPLETE	TIDBIT	133216	Sugar River West Branch - Docken Road

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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