Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: CBSM-10014503

Name: North Branch Pike River

Type: Citizen Based Stream Monitoring

Subtype: Volunteer Monitoring

Status: ACTIVE

Start Date: 4/15/2006

End Date: 12/31/2099

Purpose: The Water Action Volunteers Program (WAV) involves citizen monitors in the collection of stream water quality data that may be used by the Wisconsin Department of Natural Resources (DNR) and their partner organizations. Program goals include building relationships between DNR staff and citizen monitors while assessing streams in need of additional monitoring, restoration, and/or protection. Ultimately, volunteer participation increases capabilities of the DNR and communities to monitor streams, providing water quality information that may be used to make decisions that affect the management of streams throughout Wisconsin.

Objective: The main goal of the WAV program is to preserve and protect Wisconsin's streams and the lakes to which they are connected. Objectives of the program are to educate and empower citizens to share their data, to obtain high quality data useful for DNR decision-making, and to encourage data and knowledge sharing. The process of data collection by Wisconsin residents enhances their understanding of water quality parameters, and in many cases, interests them in assisting with more sophisticated projects, including the collection of additional biological, chemical, and physical site data. Ultimately, a goal is that DNR staff trust volunteer data results, and therefore utilize WAV data to assist in making management decisions.

Comments:

Outcome:

Study Design: Volunteer stream monitors assess water quality parameters identified in the DNR's Water Resources Monitoring Strategy for Wisconsin. Volunteers may identify their own sampling locations. In some instances, WAV Coordinators, DNR, or county staff may recommend sites based on the need to acquire status or trends information, or other types of monitoring that are priorities. In general, volunteers are asked to monitor from May through October. Advanced volunteers choose primary (P) and secondary (S) sampling dates in advance and note on their data sheets 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 personal or family emergency. The goal is to monitor at the same time each month, about 30 days after the last monitoring visit. Volunteers are instructed to enter data into the Surface Water Integrated Monitoring System (SWIMS) database by the end of each month and to immediately report extreme conditions that may be hazardous to aquatic life to their local DNR or County biologist. Parameters measured monthly include: dissolved oxygen (concentration), dissolved oxygen (saturation), streamflow, transparency, temperature (instantaneous and/or continuous measurements), and sometimes pH. In addition, macroinvertebrates (Biotic Index) are assessed twice per year and habitat conditions are assessed once per year. Some volunteers monitor specific conductance, chloride, total phosphorus, E. coli, or other parameters.

QA Measures: For advanced volunteers, a WAV staff person, local coordinator or authorized representative visits with 10% of volunteers annually to conduct side-by-side monitoring. The goal of field QA checks is to check that volunteers are properly calibrating their meters (if used) and following the sampling methods correctly. Staff members conducting QA checks also ensure that equipment is functioning properly and answer any volunteer questions or concerns. A Data Manager runs regular (monthly whenever possible) 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
Ackley, Caren	TEAM_MEMBER	ACTIVE	5/15/2009		UW Parkside Geosciences Club	
Antinucci, Sarah	TEAM_MEMBER	ACTIVE	5/11/2007		UW Parkside Geosciences Club	
Buri, Kathleen	TEAM_MEMBER	ACTIVE	5/5/2007		UW Parkside Geosciences Club	

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Friend, Jonathan	TEAM_MEMBER	ACTIVE	5/15/2009		UW Parkside Geosciences Club	
Hanson, Renee	TEAM_MEMBER	ACTIVE	5/15/2009		UW Parkside Geosciences Club	
Koski, Adrian	TEAM_MEMBER	ACTIVE	5/5/2007		UW Parkside Geosciences Club	
Krukowski, Keith	TEAM_MEMBER	ACTIVE	5/18/2012		UW Parkside	
Kurdas, Stephan	TEAM_MEMBER	ACTIVE	5/11/2006		UW Parkside Geosciences Club	
Moore, Ashley	TEAM_MEMBER	ACTIVE	5/11/2006		UW Parkside Geosciences Club	
Peterson, Matthew	TEAM_MEMBER	ACTIVE	9/16/2008		UW Parkside Geosciences Club	
Rozzoni, Jessica	TEAM_MEMBER	ACTIVE	5/11/2006		UW Parkside Geosciences Club	
Themmes, Lori	TEAM_MEMBER	INACTIVE	5/5/2007		UW Parkside Geosciences Club	

Project Statuses

Date	Reported By	Status	Comments

Actions

Action	Detailed Description	Start Date	End Date	Status
Citizen-Based Stream Monitoring	Collect chemical, physical, and/or biological water quality data to assess the current overall stream health. The data can inform management decisions and may be used to identify impaired waters for biennial lists.	1/1/2012		IN_PROGRESS

Monitoring Stations

Station ID	Name	Comments
10014503	Pike River - North Branch	

Assessment Units

WBIC	Segment	Local Name	Official Name
1900	1	North Branch Of Pike River	North Branch Pike River

Lab Account Codes

Account Code	Description	Start Date	End Date

Forms

Form Code	Form Name
WAV_2015	WAV Stream Monitoring 2015

Methods

Method Code	Method Description
CBSM_PP_FIELD_METHODS	CBSM Stream Monitoring YSI DO Meter 2009

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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
5/12/2006 10:30	COMPLETE	11978489	10014503	Pike River - North Branch
5/13/2006	COMPLETE	TIDBIT	10014503	Pike River - North Branch
5/26/2006 11:30	COMPLETE	11978514	10014503	Pike River - North Branch
6/16/2006 12:50	COMPLETE	11978540	10014503	Pike River - North Branch
6/30/2006 11:05	COMPLETE		10014503	Pike River - North Branch
7/14/2006 11:15	COMPLETE		10014503	Pike River - North Branch
7/28/2006 10:55	COMPLETE		10014503	Pike River - North Branch
8/11/2006 14:10	COMPLETE		10014503	Pike River - North Branch
8/25/2006 10:30	COMPLETE		10014503	Pike River - North Branch
9/8/2006 12:15	COMPLETE		10014503	Pike River - North Branch
5/11/2007 11:00	COMPLETE		10014503	Pike River - North Branch
5/12/2007	COMPLETE	TIDBIT	10014503	Pike River - North Branch
5/25/2007 11:45	COMPLETE		10014503	Pike River - North Branch
6/8/2007 11:20	COMPLETE		10014503	Pike River - North Branch
6/22/2007 11:00	COMPLETE		10014503	Pike River - North Branch
7/13/2007 11:45	COMPLETE		10014503	Pike River - North Branch
7/27/2007 11:30	COMPLETE		10014503	Pike River - North Branch
8/10/2007 10:50	COMPLETE		10014503	Pike River - North Branch
9/28/2007 14:00	COMPLETE		10014503	Pike River - North Branch
5/24/2008 9:55	COMPLETE		10014503	Pike River - North Branch
5/29/2008	COMPLETE	TIDBIT	10014503	Pike River - North Branch
6/21/2008 9:30	COMPLETE		10014503	Pike River - North Branch
7/5/2008 8:50	COMPLETE		10014503	Pike River - North Branch
8/3/2008 12:15	COMPLETE		10014503	Pike River - North Branch
9/7/2008 10:50	COMPLETE		10014503	Pike River - North Branch
5/16/2009 10:00	COMPLETE		10014503	Pike River - North Branch
5/16/2009 10:40	COMPLETE	TIDBIT	10014503	Pike River - North Branch
5/30/2009 10:25	COMPLETE		10014503	Pike River - North Branch
6/13/2009 11:00	COMPLETE		10014503	Pike River - North Branch
6/27/2009 11:45	COMPLETE		10014503	Pike River - North Branch
7/11/2009 10:15	COMPLETE		10014503	Pike River - North Branch
7/18/2009 10:00	COMPLETE		10014503	Pike River - North Branch
8/1/2009 10:30	COMPLETE		10014503	Pike River - North Branch

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8/4/2009 8:45	COMPLETE		10014503	Pike River - North Branch
8/22/2009 10:05	COMPLETE		10014503	Pike River - North Branch
9/12/2009 9:25	COMPLETE		10014503	Pike River - North Branch
5/18/2010 14:15	COMPLETE		10014503	Pike River - North Branch
6/12/2010 10:05	COMPLETE		10014503	Pike River - North Branch
7/2/2010 12:30	COMPLETE		10014503	Pike River - North Branch
7/10/2010 14:10	COMPLETE		10014503	Pike River - North Branch
7/24/2010 17:35	COMPLETE		10014503	Pike River - North Branch
8/7/2010 12:50	COMPLETE		10014503	Pike River - North Branch
8/31/2010 10:30	COMPLETE		10014503	Pike River - North Branch
10/9/2010 12:30	COMPLETE		10014503	Pike River - North Branch
5/13/2011 11:50	COMPLETE	TIDBITV2	10014503	Pike River - North Branch
5/13/2011 11:50	COMPLETE		10014503	Pike River - North Branch
6/3/2011 11:00	COMPLETE		10014503	Pike River - North Branch
6/17/2011 11:35	COMPLETE		10014503	Pike River - North Branch
7/12/2011 10:30	COMPLETE		10014503	Pike River - North Branch
7/29/2011 10:35	COMPLETE		10014503	Pike River - North Branch
8/15/2011 11:00	COMPLETE		10014503	Pike River - North Branch
9/6/2011 11:15	COMPLETE		10014503	Pike River - North Branch
9/29/2011 13:35	COMPLETE		10014503	Pike River - North Branch
10/18/2011 13:05	COMPLETE		10014503	Pike River - North Branch
5/16/2012 11:50	COMPLETE		10014503	Pike River - North Branch
6/7/2012 15:45	COMPLETE		10014503	Pike River - North Branch
6/28/2012 15:30	COMPLETE		10014503	Pike River - North Branch
7/22/2012 13:30	COMPLETE		10014503	Pike River - North Branch
8/14/2012 15:00	COMPLETE		10014503	Pike River - North Branch

Documents

Title	Description	Author	Published	Comments

Budget

Combined Budgets:

Combined WSLH:

Combined Total: $0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date