

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: CBSM-10029786

Name: Oconomowoc River at West Shore Dr

Type: Citizen Based Stream Monitoring

Subtype: Volunteer Monitoring

Status: ACTIVE

Start Date: 5/1/2012

End Date: 12/31/2099

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: 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
Bodnar, Mark	TEAM_MEMBER	ACTIVE	6/25/2019		Waukesha County	
Giese, Laura A.B.	TEAM_MEMBER	INACTIVE	11/26/2012	1/10/2019	Artemis Natural Resource Management	
Jenks, Jayne	COORDINATOR	ACTIVE	11/26/2012		Waukesha County	
Sheehan, Nancy A	COORDINATOR	INACTIVE	12/19/2014	1/10/2019	Rock River Coalition	

8/28/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Shinneman, Paul	TEAM_MEMBER	INACTIVE	12/17/2014	3/18/2015		
-----------------	-------------	----------	------------	-----------	--	--

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.	5/1/2012	12/31/2099	IN_PROGRESS

Monitoring Stations

Station ID	Name	Comments
10029786	Oconomowoc River at West Shore Drive	

Assessment Units

WBIC	Segment	Local Name	Official Name
848200	1	Oconomowoc River	Oconomowoc 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_FIELD_METHODS_STRE AM_CHEMISTRY	CBSM Field Methods for Stream Monitoring 2010

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
6/6/2005 9:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
7/22/2005	COMPLETE		10029786	Oconomowoc River at West Shore Drive
5/30/2008 16:45	COMPLETE		10029786	Oconomowoc River at West Shore Drive
7/1/2008 19:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
8/7/2008 20:15	COMPLETE		10029786	Oconomowoc River at West Shore Drive
8/11/2008 12:45	COMPLETE		10029786	Oconomowoc River at West Shore Drive
9/12/2008 15:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
11/2/2008 15:45	COMPLETE		10029786	Oconomowoc River at West Shore Drive

8/28/2024

**Wisconsin Department of Natural Resources
SWIMS Project Summary**

8/26/2009 10:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
6/1/2011 17:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
7/3/2011 9:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
8/14/2011 13:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
10/15/2011 10:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
5/23/2012 14:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
6/17/2012 11:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
6/17/2012 11:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
6/17/2012 11:15	COMPLETE	TIDBITV2	10029786	Oconomowoc River at West Shore Drive
6/27/2012 17:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
7/21/2012 9:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
7/21/2012 9:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
8/18/2012 10:50	COMPLETE		10029786	Oconomowoc River at West Shore Drive
8/18/2012 11:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
9/30/2012 13:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
9/30/2012 13:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
10/28/2012 4:45	COMPLETE		10029786	Oconomowoc River at West Shore Drive
10/28/2012 16:45	COMPLETE		10029786	Oconomowoc River at West Shore Drive
5/18/2013 16:10	COMPLETE		10029786	Oconomowoc River at West Shore Drive
5/18/2013 16:30	COMPLETE	TIDBITV2	10029786	Oconomowoc River at West Shore Drive
6/23/2013 16:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
7/22/2013 7:45	COMPLETE		10029786	Oconomowoc River at West Shore Drive
8/18/2013 8:15	COMPLETE		10029786	Oconomowoc River at West Shore Drive
9/22/2013 9:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
10/27/2013 12:10	COMPLETE		10029786	Oconomowoc River at West Shore Drive
5/29/2014 18:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
5/29/2014 19:12	COMPLETE	TIDBITV2	10029786	Oconomowoc River at West Shore Drive
5/29/2014 19:12	STARTED		10029786	Oconomowoc River at West Shore Drive
6/29/2014 10:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
8/5/2014 9:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
9/14/2014 11:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
10/26/2014 16:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
5/25/2015 18:30	COMPLETE	TIDBITV2	10029786	Oconomowoc River at West Shore Drive
5/25/2015 18:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
8/25/2015 10:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive

Wisconsin Department of Natural Resources SWIMS Project Summary

9/26/2015 12:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
10/1/2015 11:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
11/2/2015 15:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
5/12/2016 17:00	COMPLETE	TIDBITV2	10029786	Oconomowoc River at West Shore Drive
5/21/2016 14:30	COMPLETE		10029786	Oconomowoc River at West Shore Drive
7/4/2016 11:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
9/3/2016 14:50	COMPLETE		10029786	Oconomowoc River at West Shore Drive
11/6/2016 14:45	COMPLETE		10029786	Oconomowoc River at West Shore Drive
5/28/2019 16:00	COMPLETE		10029786	Oconomowoc River at West Shore Drive
7/1/2019 18:15	COMPLETE		10029786	Oconomowoc River at West Shore Drive
8/1/2019 15:08	COMPLETE		10029786	Oconomowoc River at West Shore Drive

Documents

Title	Description	Author	Published	Comments
-------	-------------	--------	-----------	----------

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
--------------	--------	------	--------	------------	----------