

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

- Project ID:** CBSM_Lower Rock River
- Name:** CBSM-Lower Rock River (07090002)
- Type:** Citizen Based Stream Monitoring
- Subtype:** Regional or Statewide Coordination
- Status:** ACTIVE
- Start Date:** 3/2/2015
- 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, the goal is for DNR staff to 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
Cicero, Patricia	COORDINATOR	ACTIVE	3/6/2015		Jefferson County Land and Water Conservation Dept.	
Dymzarov, Rebecca	COORDINATOR	ACTIVE	2/13/2019		Rock River Coalition	
Jenks, Jayne	COORDINATOR	ACTIVE	3/6/2015		Waukesha County	

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Miller, Anne	COORDINATOR	ACTIVE	3/12/2015		Rock County Land Conservation Department	
Nagel, Zachary	COORDINATOR	INACTIVE	7/10/2023	9/30/2023	Jefferson County Land and Water Conservation	
Reitzloff, Elizabeth	TEAM_MEMBER	ACTIVE	5/16/2024		Rock River Coalition	
Schlusssel, Addie	COORDINATOR	INACTIVE	3/2/2015	10/1/2023	The Rock River Coalition	
Sheehan, Nancy A	COORDINATOR	INACTIVE	12/6/2017	1/10/2019	Rock River Coalition	
Sheehan, Nancy A	TEAM_MEMBER	INACTIVE	3/5/2015	1/10/2019	Rock River Coalition	
Wieder, Marisa	COORDINATOR	COMPLETE	3/19/2021	6/11/2023	Balsam Lake Protection and Rehabilitation District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
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Monitoring Stations

Station ID	Name	Comments
133097	Door Creek at Old Sth 12 And 18	
10042185	Keenans Creek at Keenan Rd	
10048219	Little Door Creek US North Star Rd	
10043360	Little Door Creek at Navig Rd	
10043361	Murphy's Creek at Byrne Rd	
133100	Oregon Br of Badfish Creek - Below Oregon Stp	
133316	Pheasant Branch at Airport Road near Middleton WI	
10010967	Sixmile Creek at Sth 113	
10010940	Token Creek - Token Creek At Daentl Rd	
133044	Yahara River at Ush 51	

Assessment Units

WBIC	Segment	Local Name	Official Name
798300	2	Yahara River	Yahara River
800700	2	Oregon Branch	Oregon Br
802800	1	Door Creek	Door Creek
802900	1	Little Door Creek	Little Door Creek
803500	2	Keenans Creek	Keenans Creek
803900	1	Murphys Creek	Murphys Creek
805500	1	Six Mile Creek	Sixmile Creek

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805500	2	Six Mile Creek	Sixmile Creek
805900	2	Pheasant Branch	Pheasant Branch
806600	1	Token Creek	Token Creek

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
8/21/2019 10:00	COMPLETE		10010940	Token Creek - Token Creek At Daentl Rd
5/11/2021 15:30	COMPLETE		133097	Door Creek at Old Sth 12 And 18
5/20/2021 13:30	COMPLETE		10048219	Little Door Creek US North Star Rd
6/1/2021 16:00	COMPLETE		10043361	Murphy's Creek at Byrne Rd
6/17/2021 8:45	COMPLETE		10048219	Little Door Creek US North Star Rd
7/6/2021 16:00	COMPLETE		10043361	Murphy's Creek at Byrne Rd
7/20/2021 8:15	COMPLETE		10010967	Sixmile Creek at Sth 113
8/5/2021 16:15	COMPLETE		10043361	Murphy's Creek at Byrne Rd
8/24/2021 11:45	COMPLETE		10010967	Sixmile Creek at Sth 113
9/6/2021 16:30	COMPLETE		10043361	Murphy's Creek at Byrne Rd
9/16/2021 13:00	COMPLETE		10043360	Little Door Creek at Navig Rd
9/21/2021 7:15	COMPLETE		10010967	Sixmile Creek at Sth 113
10/20/2021 9:45	COMPLETE		10010967	Sixmile Creek at Sth 113
5/18/2022 10:00	COMPLETE		10042185	Keenans Creek at Keenan Rd
6/16/2022 13:00	COMPLETE		133044	Yahara River at Ush 51
11/7/2022 9:12	COMPLETE	PB4110722-01	133316	Pheasant Branch at Airport Road near Middleton WI

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

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Funding					
Organization	Source	Type	Amount	Start Date	End Date