

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

- Project ID:** CBSM-10040680
- Name:** Villa Mann Cr at W Bottsford Ave
- Type:** Citizen Based Stream Monitoring
- Subtype:** Volunteer Monitoring
- Status:** ACTIVE
- Start Date:** 07/01/2013
- 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
DRISCOLL, ZACHERY G	COORDINATOR	ACTIVE	05/09/2016		Wisconsin DNR	
Lukasz, Brad	TEAM_MEMBER	INACTIVE	02/16/2015	05/01/2017	Milwaukee Riverkeeper	
MORRISON, LYNN L	TEAM_MEMBER	ACTIVE	09/08/2015		Wisconsin DNR	
Maddick, Sally	TEAM_MEMBER	ACTIVE	09/08/2015		Milwaukee Riverkeeper	
Nenn, Cheryl	COORDINATOR	ACTIVE	02/13/2015		Milwaukee Riverkeeper	
Rademacher, Katie	COORDINATOR	ACTIVE	12/07/2018		Milwaukee Riverkeeper	
Rath, Joe	COORDINATOR	INACTIVE	07/01/2013	05/10/2017	Milwaukee Riverkeeper	
Rennpferd, John R	TEAM_MEMBER	ACTIVE	05/31/2017			

### Project Statuses

## Wisconsin Department of Natural Resources SWIMS Project Summary

Date	Reported By	Status	Comments		
<b>Actions</b>					
Action	Detailed Description		Start	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.		07/01/2013	12/31/2099	IN_PROGRESS
<b>Monitoring Stations</b>					
Station ID	Name	Comments			
10040680	Villa Mann Cr at W Bottsford Ave				
<b>Assessment Units</b>					
WBIC	Segment	Local Name	Official Name		
15300	1	Villa Mann Creek	Unnamed		
<b>Lab Account Codes</b>					
Account Code	Description	Start Date	End Date		
<b>Forms</b>					
Form Code	Form Name				
WAV_2015	WAV Stream Monitoring 2015				
<b>Methods</b>					
Method Code	Description				
CBSM_FIELD_METHODS_STREA M_CHEMISTRY	CBSM Field Methods for Stream Monitoring 2010				
<b>Fieldwork Events</b>					
Start Date	Status	Field ID	Station ID	Station Name	
05/18/2013 11:45	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
05/31/2013 17:00	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
06/29/2013 10:45	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
07/27/2013 11:25	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
09/02/2013 10:10	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
09/28/2013 00:50	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
10/27/2013 12:45	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
05/30/2014 15:00	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
06/28/2014 10:02	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
07/29/2014 10:28	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
09/06/2014 09:50	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
10/05/2014 10:02	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
11/08/2014 14:30	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
05/23/2015 08:40	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
06/14/2015 18:05	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
09/19/2015 08:15	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	
10/29/2015 18:00	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave	

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Start Date	Status	Field ID	Station ID	Station Name
05/21/2017 11:00	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave
05/21/2017 12:43	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave
06/17/2017 10:20	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave
07/22/2017 10:21	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave
08/20/2017 11:30	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave
09/28/2017 17:28	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave
10/29/2017 11:15	COMPLETE		10040680	Villa Mann Cr at W Bottsford Ave

### 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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