

## Wisconsin Department of Natural Resources SWIMS Project Summary

**General Project Information**

**Project ID:** CBSM\_3  
**Name:** CBSM (Level 3)  
**Type:** Citizen Based Stream Monitoring  
**Subtype:** Volunteer Monitoring  
**Status:** ACTIVE  
**Start Date:** 07/20/2010  
**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:** 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
ALBRIGHT, LINDSEY B	COORDINATOR	ACTIVE	04/29/2014		Wisconsin DNR	
ANDERSON, CHRISTINA R	COORDINATOR	ACTIVE	08/30/2010		Wisconsin DNR	
Anderson, Ian	TEAM_MEMBER	ACTIVE	06/18/2012			
Compton, Peggy	TEAM_MEMBER	ACTIVE	09/16/2015		UW Division of Extension	
HAIMES, ILANA L	COORDINATOR	COMPLETE	10/19/2015	08/15/2020	Wisconsin DNR	
LIPKE, CAROLYN	COORDINATOR	ACTIVE	07/20/2010		Wisconsin DNR	
Lucas, Amanda	OTHER	ACTIVE	09/09/2011		UW	
Nicholas (nee Van Gheem), K	TEAM_MEMBER	INACTIVE	01/08/2013	10/07/2014	Clean Lakes Alliance	
PIPER ANDERSON, CHRIST	COORDINATOR	INACTIVE	09/02/2010	03/06/2015	Wisconsin DNR	
SMITH, HEATHER E	COORDINATOR	ACTIVE	06/18/2012		Wisconsin DNR	
Stepenuck, Kris	COORDINATOR	RETIRED	01/01/2001		UWEX	

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Name	Role	Status	Start Date	End Date	Organization	Comments
UNMUTH, JEAN M	DATA_SUPPORT	COMPLETE	07/20/2010	01/15/2020	Wisconsin DNR	To enter Water Temperature for Bear Cr. CBSM project
Wochos, Julia	TEAM_MEMBER	ACTIVE	02/17/2014		UWEX	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Citizen-Based Stream Monitoring	Bear Creek CBSM Temperature Monitoring Project	07/20/2010	12/31/2099	IN_PROGRESS

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
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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 - ELECTRONIC	Temperature Electronic

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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### 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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