

## Wisconsin Department of Natural Resources SWIMS Project Summary

**General Project Information**

**Project ID:** CBSM-683424  
**Name:** Bark River at Genessee Lake Rd  
**Type:** Citizen Based Stream Monitoring  
**Subtype:** Volunteer Monitoring  
**Status:** ACTIVE  
**Start Date:** 04/15/2006  
**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
Giese, Laura A.B.	TEAM_MEMBER	INACTIVE	06/11/2012	01/10/2019	Artemis Natural Resource Management	
Jenks, Jayne	COORDINATOR	ACTIVE	04/15/2006	12/31/2099	Waukesha County	
Runyard, Ann	LEAD_EQUIPME	INACTIVE	04/15/2006	10/31/2007	Rock River Coalition	
Runyard, Craig	LEAD_EQUIPME	INACTIVE	04/15/2006	10/31/2007	Rock River Coalition - Waukesha County	
Suhr, Rob	TEAM_MEMBER	ACTIVE	05/30/2018		Waukesha County	

**Project Statuses**

Date	Reported By	Status	Comments
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## Wisconsin Department of Natural Resources SWIMS Project Summary

### Actions

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.	01/01/2012		IN_PROGRESS

### Monitoring Stations

Station ID	Name	Comments
683424	Bark River at Genessee Lake Road	

### Assessment Units

WBIC	Segment	Local Name	Official Name
813500	1	Bark River	Bark River

### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

Form Code	Form Name
WAV_2015	WAV Stream Monitoring 2015

### Methods

Method Code	Description
CBSM_PP_FIELD_METHODS	CBSM Stream Monitoring YSI DO Meter 2009

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
06/21/2003 09:00	COMPLETE		683424	Bark River at Genessee Lake Road
07/18/2003 11:00	COMPLETE		683424	Bark River at Genessee Lake Road
08/15/2003 11:00	COMPLETE		683424	Bark River at Genessee Lake Road
09/20/2003 11:00	COMPLETE		683424	Bark River at Genessee Lake Road
11/05/2003	COMPLETE		683424	Bark River at Genessee Lake Road
11/23/2003 14:00	COMPLETE		683424	Bark River at Genessee Lake Road
12/27/2003	COMPLETE		683424	Bark River at Genessee Lake Road
02/20/2004	COMPLETE		683424	Bark River at Genessee Lake Road
03/20/2004	COMPLETE		683424	Bark River at Genessee Lake Road
05/02/2004	COMPLETE		683424	Bark River at Genessee Lake Road
06/06/2004	COMPLETE		683424	Bark River at Genessee Lake Road
07/31/2004	COMPLETE		683424	Bark River at Genessee Lake Road
08/29/2004	COMPLETE		683424	Bark River at Genessee Lake Road
09/26/2004	COMPLETE		683424	Bark River at Genessee Lake Road
10/31/2004	COMPLETE		683424	Bark River at Genessee Lake Road
12/04/2004	COMPLETE		683424	Bark River at Genessee Lake Road
01/09/2005	COMPLETE		683424	Bark River at Genessee Lake Road
01/29/2005	COMPLETE		683424	Bark River at Genessee Lake Road
03/19/2005	COMPLETE		683424	Bark River at Genessee Lake Road
04/23/2005	COMPLETE		683424	Bark River at Genessee Lake Road

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Start Date	Status	Field ID	Station ID	Station Name
05/28/2005	COMPLETE		683424	Bark River at Genessee Lake Road
07/03/2005	COMPLETE		683424	Bark River at Genessee Lake Road
08/05/2005	COMPLETE		683424	Bark River at Genessee Lake Road
09/11/2005	COMPLETE		683424	Bark River at Genessee Lake Road
10/15/2005	COMPLETE		683424	Bark River at Genessee Lake Road
12/04/2005	COMPLETE		683424	Bark River at Genessee Lake Road
01/08/2006	COMPLETE		683424	Bark River at Genessee Lake Road
02/12/2006	COMPLETE		683424	Bark River at Genessee Lake Road
03/18/2006	COMPLETE		683424	Bark River at Genessee Lake Road
05/20/2006	COMPLETE		683424	Bark River at Genessee Lake Road
05/20/2006 12:30	COMPLETE	CONT_DATA-11961	683424	Bark River at Genessee Lake Road
06/17/2006 13:00	COMPLETE	11961203	683424	Bark River at Genessee Lake Road
06/18/2006	COMPLETE		683424	Bark River at Genessee Lake Road
06/26/2006 15:30	COMPLETE		683424	Bark River at Genessee Lake Road
07/16/2006 11:30	COMPLETE	11961227	683424	Bark River at Genessee Lake Road
07/17/2006 15:00	COMPLETE		683424	Bark River at Genessee Lake Road
08/18/2006 16:00	COMPLETE		683424	Bark River at Genessee Lake Road
08/19/2006 11:50	COMPLETE	11961251	683424	Bark River at Genessee Lake Road
09/16/2006 10:00	COMPLETE		683424	Bark River at Genessee Lake Road
09/16/2006 12:00	COMPLETE	11961275	683424	Bark River at Genessee Lake Road
10/22/2006 12:00	COMPLETE		683424	Bark River at Genessee Lake Road
11/18/2006 10:00	COMPLETE		683424	Bark River at Genessee Lake Road
12/24/2006 12:00	COMPLETE		683424	Bark River at Genessee Lake Road
01/27/2007 12:00	COMPLETE		683424	Bark River at Genessee Lake Road
03/18/2007 12:00	COMPLETE		683424	Bark River at Genessee Lake Road
04/22/2007 14:00	COMPLETE		683424	Bark River at Genessee Lake Road
05/17/2007 11:00	COMPLETE		683424	Bark River at Genessee Lake Road
05/19/2007 10:30	COMPLETE		683424	Bark River at Genessee Lake Road
06/16/2007 10:55	COMPLETE		683424	Bark River at Genessee Lake Road
06/16/2007 16:00	COMPLETE		683424	Bark River at Genessee Lake Road
09/22/2007 11:15	COMPLETE		683424	Bark River at Genessee Lake Road
08/19/2008 11:00	COMPLETE		683424	Bark River at Genessee Lake Road
05/28/2009 16:00	COMPLETE		683424	Bark River at Genessee Lake Road
08/21/2009 13:30	COMPLETE		683424	Bark River at Genessee Lake Road
06/06/2010 13:30	COMPLETE		683424	Bark River at Genessee Lake Road
07/18/2010 11:30	COMPLETE		683424	Bark River at Genessee Lake Road
08/21/2010 08:30	COMPLETE		683424	Bark River at Genessee Lake Road
09/02/2010 10:00	COMPLETE		683424	Bark River at Genessee Lake Road
10/02/2010 14:00	COMPLETE		683424	Bark River at Genessee Lake Road
04/02/2011 15:30	COMPLETE		683424	Bark River at Genessee Lake Road
05/28/2011 09:30	COMPLETE		683424	Bark River at Genessee Lake Road
06/30/2011 17:30	COMPLETE		683424	Bark River at Genessee Lake Road
08/07/2011 09:00	COMPLETE		683424	Bark River at Genessee Lake Road
10/06/2011 16:00	COMPLETE		683424	Bark River at Genessee Lake Road
04/21/2012 13:00	COMPLETE		683424	Bark River at Genessee Lake Road
05/20/2012 08:40	COMPLETE		683424	Bark River at Genessee Lake Road
05/20/2012 09:00	COMPLETE		683424	Bark River at Genessee Lake Road
06/16/2012 10:00	COMPLETE		683424	Bark River at Genessee Lake Road

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Start Date	Status	Field ID	Station ID	Station Name
06/17/2012 09:10	COMPLETE		683424	Bark River at Genessee Lake Road
07/21/2012 10:15	COMPLETE		683424	Bark River at Genessee Lake Road
07/21/2012 10:15	COMPLETE		683424	Bark River at Genessee Lake Road
08/18/2012 11:40	COMPLETE		683424	Bark River at Genessee Lake Road
08/18/2012 12:00	COMPLETE		683424	Bark River at Genessee Lake Road
09/30/2012 14:30	COMPLETE		683424	Bark River at Genessee Lake Road
09/30/2012 14:30	COMPLETE		683424	Bark River at Genessee Lake Road
10/28/2012 17:15	COMPLETE		683424	Bark River at Genessee Lake Road
10/28/2012 17:30	COMPLETE		683424	Bark River at Genessee Lake Road
05/18/2013 14:15	COMPLETE		683424	Bark River at Genessee Lake Road
06/23/2013 17:00	COMPLETE		683424	Bark River at Genessee Lake Road
07/22/2013 06:30	COMPLETE		683424	Bark River at Genessee Lake Road
08/18/2013 07:00	COMPLETE		683424	Bark River at Genessee Lake Road
09/22/2013 08:00	COMPLETE		683424	Bark River at Genessee Lake Road
10/27/2013 11:15	COMPLETE		683424	Bark River at Genessee Lake Road
06/29/2014 11:30	COMPLETE		683424	Bark River at Genessee Lake Road
08/05/2014 08:10	COMPLETE		683424	Bark River at Genessee Lake Road
09/14/2014 10:40	COMPLETE		683424	Bark River at Genessee Lake Road
10/26/2014 15:00	COMPLETE		683424	Bark River at Genessee Lake Road
05/25/2015 17:00	COMPLETE	TIDBIT	683424	Bark River at Genessee Lake Road
05/25/2015 17:00	COMPLETE		683424	Bark River at Genessee Lake Road
08/25/2015 11:20	COMPLETE		683424	Bark River at Genessee Lake Road
09/26/2015 13:30	COMPLETE		683424	Bark River at Genessee Lake Road
11/02/2015 16:30	COMPLETE		683424	Bark River at Genessee Lake Road
05/12/2016 13:30	COMPLETE	TIDBIT V2	683424	Bark River at Genessee Lake Road
05/21/2016 13:30	COMPLETE		683424	Bark River at Genessee Lake Road
07/04/2016 10:00	COMPLETE		683424	Bark River at Genessee Lake Road
09/03/2016 15:30	COMPLETE		683424	Bark River at Genessee Lake Road
11/06/2016 14:00	COMPLETE		683424	Bark River at Genessee Lake Road
05/23/2018 16:30	COMPLETE		683424	Bark River at Genessee Lake Road
06/24/2018 14:21	COMPLETE		683424	Bark River at Genessee Lake Road
07/19/2018 15:37	COMPLETE		683424	Bark River at Genessee Lake Road
08/16/2018 09:30	COMPLETE		683424	Bark River at Genessee Lake Road
10/03/2018 16:15	COMPLETE		683424	Bark River at Genessee Lake Road
10/23/2018 16:15	COMPLETE		683424	Bark River at Genessee Lake Road
05/24/2019 16:56	COMPLETE		683424	Bark River at Genessee Lake Road
06/19/2019 15:07	COMPLETE		683424	Bark River at Genessee Lake Road
07/26/2019 16:27	COMPLETE		683424	Bark River at Genessee Lake Road
08/22/2019 18:00	COMPLETE		683424	Bark River at Genessee Lake Road
10/01/2019 17:13	COMPLETE		683424	Bark River at Genessee Lake Road
10/19/2019 17:00	COMPLETE		683424	Bark River at Genessee Lake Road

### Documents

Title	Description	Author	Published	Comments
061712_Bark River Photo CBSM Bark River	CBSM Bark River Note very low water - exposed stream bank Photo	Giese	06/17/2012	
081812_Bark River Photo CBSM Bark River	CBSM Bark River photo	Giese	11/22/2012	

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Title	Description	Author	Published	Comments
081813_Bark River Photo CBSM Bark River	CBSM Bark River photo	Giese	08/19/2013	
081813_Bark River2 Photo CBSM Bark River	CBSM Bark River photo	Giese	08/19/2013	
102812_Bark River Photo Bark River	Bark River Photo	Giese	11/22/2012	
		Giese	06/17/2012	

### Budget

**Combined Budgets:**

**Combined SLOH:**

**Combined Total:**

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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