

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

- Project ID:** CBSM-10029797
- Name:** Zion Creek at Oakton Road
- Type:** Citizen Based Stream Monitoring
- Subtype:** Volunteer Monitoring
- Status:** ACTIVE
- Start Date:** 12/19/2014
- 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
Jenks, Jayne	COORDINATOR	ACTIVE	12/19/2014		Waukesha County	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
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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.	12/19/2014	12/31/2099	IN_PROGRESS

Monitoring Stations

Station ID	Name	Comments
10029797	Zion Creek at Oakton Road	

Assessment Units

WBIC	Segment	Local Name	Official Name
772400	1	Zion Creek	Zion Creek

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_FIELD_METHODS_STREA M_CHEMISTRY	CBSM Field Methods for Stream Monitoring 2010

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
06/29/2000 14:00	COMPLETE		10029797	Zion Creek at Oakton Road
06/22/2005 13:30	COMPLETE		10029797	Zion Creek at Oakton Road
07/29/2005	COMPLETE		10029797	Zion Creek at Oakton Road
09/02/2005	COMPLETE		10029797	Zion Creek at Oakton Road
09/29/2005	COMPLETE		10029797	Zion Creek at Oakton Road
01/24/2006 11:00	COMPLETE		10029797	Zion Creek at Oakton Road
02/21/2006 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
03/20/2006 11:00	COMPLETE		10029797	Zion Creek at Oakton Road
05/02/2006 10:15	COMPLETE		10029797	Zion Creek at Oakton Road
05/27/2006	COMPLETE		10029797	Zion Creek at Oakton Road
06/22/2006 09:00	COMPLETE		10029797	Zion Creek at Oakton Road
07/18/2006 12:45	COMPLETE		10029797	Zion Creek at Oakton Road
08/29/2006 09:45	COMPLETE		10029797	Zion Creek at Oakton Road
09/26/2006	COMPLETE		10029797	Zion Creek at Oakton Road
10/31/2006	COMPLETE		10029797	Zion Creek at Oakton Road
11/27/2006 12:15	COMPLETE		10029797	Zion Creek at Oakton Road
01/04/2007 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
04/10/2007 12:30	COMPLETE		10029797	Zion Creek at Oakton Road
05/15/2007 09:15	COMPLETE		10029797	Zion Creek at Oakton Road
05/29/2007 17:00	COMPLETE		10029797	Zion Creek at Oakton Road

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Start Date	Status	Field ID	Station ID	Station Name
06/19/2007 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
06/30/2007 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
07/17/2007 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
07/28/2007 11:00	COMPLETE		10029797	Zion Creek at Oakton Road
08/27/2007 17:00	COMPLETE		10029797	Zion Creek at Oakton Road
08/30/2007 11:00	COMPLETE		10029797	Zion Creek at Oakton Road
09/23/2007 12:00	COMPLETE		10029797	Zion Creek at Oakton Road
09/24/2007 13:30	COMPLETE		10029797	Zion Creek at Oakton Road
10/30/2007 13:45	COMPLETE		10029797	Zion Creek at Oakton Road
12/04/2007 11:00	COMPLETE		10029797	Zion Creek at Oakton Road
01/07/2008 11:00	COMPLETE		10029797	Zion Creek at Oakton Road
03/24/2008 11:00	COMPLETE		10029797	Zion Creek at Oakton Road
04/29/2008 11:00	COMPLETE		10029797	Zion Creek at Oakton Road
06/05/2008 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
07/02/2008 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
08/07/2008 15:30	COMPLETE		10029797	Zion Creek at Oakton Road
09/08/2008 11:45	COMPLETE		10029797	Zion Creek at Oakton Road
10/07/2008 09:45	COMPLETE		10029797	Zion Creek at Oakton Road
11/04/2008 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
02/10/2009 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
03/17/2009 11:30	COMPLETE		10029797	Zion Creek at Oakton Road
04/16/2009 10:45	COMPLETE		10029797	Zion Creek at Oakton Road
05/29/2009 14:00	COMPLETE		10029797	Zion Creek at Oakton Road
06/03/2009 11:30	COMPLETE		10029797	Zion Creek at Oakton Road
07/07/2009 09:45	COMPLETE		10029797	Zion Creek at Oakton Road
07/31/2009 14:00	COMPLETE		10029797	Zion Creek at Oakton Road
08/26/2009 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
09/03/2009 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
09/29/2009 14:00	COMPLETE		10029797	Zion Creek at Oakton Road
10/30/2009 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
12/04/2009 10:15	COMPLETE		10029797	Zion Creek at Oakton Road
03/19/2010 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
04/09/2010 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
05/18/2010 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
05/28/2010 13:15	COMPLETE		10029797	Zion Creek at Oakton Road
07/09/2010 10:15	COMPLETE		10029797	Zion Creek at Oakton Road
07/30/2010 13:00	COMPLETE		10029797	Zion Creek at Oakton Road
08/05/2010 10:15	COMPLETE		10029797	Zion Creek at Oakton Road
08/26/2010 13:00	COMPLETE		10029797	Zion Creek at Oakton Road
10/01/2010 14:00	COMPLETE		10029797	Zion Creek at Oakton Road
10/07/2010 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
11/03/2010 09:45	COMPLETE		10029797	Zion Creek at Oakton Road
03/08/2011 10:15	COMPLETE		10029797	Zion Creek at Oakton Road
04/07/2011 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
05/05/2011 13:15	COMPLETE		10029797	Zion Creek at Oakton Road
06/15/2011 14:00	COMPLETE		10029797	Zion Creek at Oakton Road
07/07/2011 12:30	COMPLETE		10029797	Zion Creek at Oakton Road
09/02/2011 14:00	COMPLETE		10029797	Zion Creek at Oakton Road

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10/13/2011 13:00	COMPLETE		10029797	Zion Creek at Oakton Road
11/14/2011 11:15	COMPLETE		10029797	Zion Creek at Oakton Road
12/21/2011 12:15	COMPLETE		10029797	Zion Creek at Oakton Road
03/06/2012 11:15	COMPLETE		10029797	Zion Creek at Oakton Road
04/05/2012 10:15	COMPLETE		10029797	Zion Creek at Oakton Road
05/10/2012 13:15	COMPLETE		10029797	Zion Creek at Oakton Road
05/16/2012 17:30	COMPLETE		10029797	Zion Creek at Oakton Road
06/05/2012 10:45	COMPLETE		10029797	Zion Creek at Oakton Road
07/02/2012 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
09/10/2012 10:45	COMPLETE		10029797	Zion Creek at Oakton Road
10/11/2012 10:45	COMPLETE		10029797	Zion Creek at Oakton Road
11/12/2012 11:45	COMPLETE		10029797	Zion Creek at Oakton Road
12/07/2012 09:00	COMPLETE		10029797	Zion Creek at Oakton Road
01/08/2013 08:45	COMPLETE		10029797	Zion Creek at Oakton Road
02/21/2013 11:30	COMPLETE		10029797	Zion Creek at Oakton Road
03/05/2013 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
04/25/2013 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
05/06/2013 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
05/20/2013 14:00	COMPLETE		10029797	Zion Creek at Oakton Road
06/17/2013 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
06/26/2013 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
07/17/2013 08:45	COMPLETE		10029797	Zion Creek at Oakton Road
07/23/2013 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
08/15/2013 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
08/26/2013 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
09/12/2013 08:30	COMPLETE		10029797	Zion Creek at Oakton Road
09/20/2013 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
10/15/2013 08:45	COMPLETE		10029797	Zion Creek at Oakton Road
10/16/2013 14:00	COMPLETE		10029797	Zion Creek at Oakton Road
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12/19/2013 09:15	COMPLETE		10029797	Zion Creek at Oakton Road
01/10/2014 09:45	COMPLETE		10029797	Zion Creek at Oakton Road
01/30/2014 08:30	COMPLETE		10029797	Zion Creek at Oakton Road
02/13/2014 10:00	COMPLETE		10029797	Zion Creek at Oakton Road
02/20/2014 13:30	COMPLETE		10029797	Zion Creek at Oakton Road
03/13/2014 09:45	COMPLETE		10029797	Zion Creek at Oakton Road
03/31/2014 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
05/06/2014 09:15	COMPLETE		10029797	Zion Creek at Oakton Road
05/08/2014 08:30	COMPLETE		10029797	Zion Creek at Oakton Road
06/07/2014 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
06/24/2014 08:45	COMPLETE		10029797	Zion Creek at Oakton Road
07/11/2014 09:15	COMPLETE		10029797	Zion Creek at Oakton Road
07/22/2014 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
08/15/2014 11:30	COMPLETE		10029797	Zion Creek at Oakton Road
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10/14/2014 09:00	COMPLETE		10029797	Zion Creek at Oakton Road
11/10/2014 11:00	COMPLETE		10029797	Zion Creek at Oakton Road
03/09/2015 10:50	COMPLETE		10029797	Zion Creek at Oakton Road
04/15/2015 08:55	COMPLETE		10029797	Zion Creek at Oakton Road
05/12/2015 09:50	COMPLETE		10029797	Zion Creek at Oakton Road
06/15/2015 10:10	COMPLETE		10029797	Zion Creek at Oakton Road
07/13/2015 10:30	COMPLETE		10029797	Zion Creek at Oakton Road
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11/18/2015 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
12/10/2015 09:20	COMPLETE		10029797	Zion Creek at Oakton Road
01/18/2016 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
02/23/2016 10:10	COMPLETE		10029797	Zion Creek at Oakton Road
03/22/2016 09:55	COMPLETE		10029797	Zion Creek at Oakton Road
04/12/2016 08:35	COMPLETE		10029797	Zion Creek at Oakton Road
05/17/2016 10:50	COMPLETE	ZCOR-2016-MAY	10029797	Zion Creek at Oakton Road
06/14/2016 09:40	COMPLETE	ZCOR-2016-JUNE	10029797	Zion Creek at Oakton Road
08/15/2016 09:55	COMPLETE	ZCOR-2016 AUGUS	10029797	Zion Creek at Oakton Road
10/11/2016 08:15	COMPLETE		10029797	Zion Creek at Oakton Road
01/03/2017 08:30	COMPLETE		10029797	Zion Creek at Oakton Road
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04/25/2019 08:50	COMPLETE		10029797	Zion Creek at Oakton Road
05/21/2019 09:25	COMPLETE		10029797	Zion Creek at Oakton Road
06/19/2019 09:30	COMPLETE		10029797	Zion Creek at Oakton Road
07/18/2019 09:55	COMPLETE		10029797	Zion Creek at Oakton Road

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09/16/2019 10:15	COMPLETE		10029797	Zion Creek at Oakton Road
10/14/2019 10:05	COMPLETE		10029797	Zion Creek at Oakton Road

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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