

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: CBSM-10012524

Name: Riveredge Nature Center Creek at Hawthorne Dr

Type: Citizen Based Stream Monitoring

Subtype: Volunteer Monitoring

Status: ACTIVE

Start Date: 4/15/2006

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: Oakton 300 DO/pH meter used in place of YSI 550a and Oakton Acorn 5 meters.

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
Bott, Ethan	TEAM_MEMBER	INACTIVE	1/25/2019		Urban Ecology Center	
DRISCOLL, ZACHERY G	PROJECT_LEAD	ACTIVE	5/2/2016		Wisconsin DNR	
Holleback, Mary	COORDINATOR	ACTIVE	2/13/2015		River Edge Nature Center	

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Holleback, Mary	TEAM_MEMBER	OTHER	5/27/2008	2/13/2015	River Edge Nature Center	
Nenn, Cheryl	PROJECT_LEAD	ACTIVE	11/28/2008		Milwaukee Riverkeeper	
Orlando, Jessica	TEAM_MEMBER	INACTIVE	10/31/2016	1/25/2019	Urban Ecology Center	
Rademacher, Katie	PROJECT_LEAD	ACTIVE	12/7/2018		Milwaukee Riverkeeper	
Rath, Joe	PROJECT_LEAD	INACTIVE	6/7/2010	2/13/2015	Milwaukee Riverkeeper	
Schroeder, Jason	TEAM_MEMBER	OTHER	11/28/2008	2/12/2015	Milwaukee Riverkeeper	
Vickio, Angela	TEAM_MEMBER	ACTIVE	5/8/2017		RiverEdge Nature Center	
White, Marc	TEAM_MEMBER	ACTIVE	4/15/2006		River Edge Nature Center	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	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.	1/1/2012		IN_PROGRESS

Monitoring Stations

Station ID	Name	Comments
10012524	Riveredge Nature Center Creek at Hawthorne Dr.	

Assessment Units

WBIC	Segment	Local Name	Official Name
34000	1	Un. Creek (Riveredge Creek)	Unnamed

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	Method Description
CBSM_PP_FIELD_METHODS	CBSM Stream Monitoring YSI DO Meter 2009

Fieldwork Events

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Start Date	Status	Field ID	Station ID	Station Name
5/17/2006 11:25	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/14/2006 13:50	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/13/2006 10:45	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/9/2006 11:45	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/13/2006 11:35	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/19/2007	COMPLETE	TIDBIT	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/19/2007 13:30	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/23/2007 13:00	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/17/2007 13:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/21/2007 15:00	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
11/7/2007 10:00	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/19/2008 13:15	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/2/2008	COMPLETE	TIDBIT	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/29/2008 8:30	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/18/2008 12:00	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/28/2009 17:35	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/28/2009 18:00	COMPLETE	TIDBIT	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/8/2009 13:45	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/29/2009 14:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/27/2009 15:45	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
10/8/2009 11:15	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/27/2010 14:20	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/2/2010 12:20	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/29/2010 13:35	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/27/2010 12:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/1/2011 13:05	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/30/2011 13:55	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/29/2011 13:25	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/2/2011 12:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/25/2012 12:20	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/25/2012 12:25	COMPLETE	TIDBITV2	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/26/2012 12:55	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/26/2012 13:05	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/17/2013 8:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.

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6/26/2013 12:15	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/25/2013 12:15	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/30/2013 12:15	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
10/2/2013 12:25	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/28/2014 12:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/27/2014 13:17	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/29/2014 11:50	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/29/2014 12:35	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/24/2014 12:30	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/22/2015 13:15	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/24/2015 13:15	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/27/2015 0:50	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/27/2015 12:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/30/2015 11:50	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
10/27/2015 10:37	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/11/2016	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/26/2016 12:55	COMPLETE	RNHAW-MAY2016	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/26/2016 12:55	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/26/2016 13:00	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/22/2016 11:10	COMPLETE	RNCHAW-JUN2016	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/22/2016 11:10	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/28/2016 11:15	COMPLETE	RNCHAW-JUL2016	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/28/2016 11:15	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/29/2016 12:00	COMPLETE	RNCHAW-AUG2016	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/29/2016 12:00	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/26/2016 11:35	COMPLETE	RNCHAW-SEP2016	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/26/2016 11:35	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
10/24/2016 10:52	COMPLETE	RNCHAW-OCT2016	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
10/24/2016 10:52	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/31/2017 12:05	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/1/2017 10:45	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/28/2017 12:25	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/29/2017 11:38	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/17/2017 12:53	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/25/2017 11:10	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.

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8/9/2017 12:55	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/17/2017 12:46	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/30/2017 11:15	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/28/2017 11:20	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/24/2018 12:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/21/2018 11:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/20/2018 11:20	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/20/2018 11:10	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
10/4/2018 12:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/31/2019 13:30	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/24/2019 11:15	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/23/2019 11:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/19/2019 11:25	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
10/10/2019 11:20	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/9/2020 11:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/20/2020 11:05	COMPLETE	2020_10012524_2	10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/24/2020 12:55	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/25/2020 10:50	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
10/26/2020 10:45	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/28/2021 14:10	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/28/2021 10:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/23/2021 10:05	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/23/2021 11:50	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/30/2021 13:30	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/3/2022 12:55	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/3/2022 13:40	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/1/2022 10:50	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/2/2022 10:30	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
9/2/2022 12:50	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
10/4/2022 14:05	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/23/2023 13:55	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
5/23/2023 14:05	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
6/22/2023 10:05	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
7/24/2023 10:25	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
8/24/2023 10:00	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.

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10/6/2023 10:05	COMPLETE		10012524	Riveredge Nature Center Creek at Hawthorne Dr.
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Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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