

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: CBSM-10029802

Name: Deerskin River at bend east of Rangeline Rd

Type: Citizen Based Stream Monitoring

Subtype: Volunteer Monitoring

Status: ACTIVE

Start Date: 6/29/2011

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
Oehler, Dick	TEAM_MEMBER	INACTIVE	6/29/2011	5/14/2024		
Stepenuck, Kris	COORDINATOR	INACTIVE	12/21/2014	7/15/2015	UW Extension	

Project Statuses

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

Actions				
Action	Detailed Description	Start Date	End Date	Status
Citizen-Based Stream Monitoring	Monitoring of water quality by stream volunteers on the Deerskin River.	6/29/2011	12/31/2099	IN_PROGRESS

Monitoring Stations		
Station ID	Name	Comments
10029802	Deerskin River at bend east of Rangeline Rd	

Assessment Units			
WBIC	Segment	Local Name	Official Name
1600400	1	Deerskin River	Deerskin River

Lab Account Codes			
Account Code	Description	Start Date	End Date

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				
Start Date	Status	Field ID	Station ID	Station Name
5/23/2005 10:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/27/2005 10:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/28/2005 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/30/2005 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/27/2005 12:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/28/2005 14:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/27/2006 15:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/2/2006 12:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/6/2006 14:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/30/2006 14:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/26/2006 14:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/28/2006 13:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
4/28/2007 15:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/24/2007 15:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd

7/4/2024

**Wisconsin Department of Natural Resources
SWIMS Project Summary**

6/26/2007 12:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/29/2007 13:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/28/2007 15:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/26/2007 14:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/25/2007 14:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
4/23/2008 13:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/23/2008 15:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/23/2008 10:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/29/2008 12:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/24/2008 15:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/24/2008 16:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/19/2008 15:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
4/30/2009 15:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/28/2009 14:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/26/2009 15:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/26/2009 14:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/23/2009 14:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/25/2009 13:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/29/2009 14:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
4/26/2010 14:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/26/2010 15:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/25/2010 13:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/25/2010 14:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/29/2010 15:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/27/2010 14:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/22/2010 14:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
4/30/2011 15:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/27/2011 14:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/20/2011 13:30	COMPLETE	TIDBITV2	10029802	Deerskin River at bend east of Rangeline Rd
6/29/2011 11:40	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/29/2011 11:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/29/2011 11:35	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/29/2011 11:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/29/2011 10:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/29/2011 10:35	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd

**Wisconsin Department of Natural Resources
SWIMS Project Summary**

9/29/2011 9:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/29/2011 9:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/29/2011 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/29/2011 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
4/7/2012 12:00	COMPLETE	TIDBITV2	10029802	Deerskin River at bend east of Rangeline Rd
4/7/2012 12:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/7/2012 11:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/7/2012 11:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/6/2012 8:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/6/2012 8:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/7/2012 7:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/7/2012 7:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/7/2012 9:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/7/2012 9:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/6/2012 10:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/6/2012 10:50	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/7/2012 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/7/2012 11:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/14/2013 9:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/14/2013 9:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/14/2013 9:36	COMPLETE	TIDBITV2	10029802	Deerskin River at bend east of Rangeline Rd
6/13/2013 9:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/13/2013 9:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/15/2013 9:10	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/15/2013 9:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/14/2013 9:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/14/2013 9:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/14/2013 11:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/14/2013 11:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/13/2013 9:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/13/2013 9:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/14/2014 10:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/14/2014 10:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/31/2014 12:00	COMPLETE	TIDBITV2	10029802	Deerskin River at bend east of Rangeline Rd
6/14/2014 10:29	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd

**Wisconsin Department of Natural Resources
SWIMS Project Summary**

6/14/2014 10:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/14/2014 10:40	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/14/2014 10:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/14/2014 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/14/2014 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/14/2014 10:50	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/13/2014 9:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/13/2014 9:50	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/4/2015 10:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/4/2015 10:16	COMPLETE	TIDBITV2	10029802	Deerskin River at bend east of Rangeline Rd
6/3/2015 10:35	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/7/2015 7:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/3/2015 9:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/1/2015 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/5/2015 10:03	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/6/2016 9:40	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/6/2016 9:45	COMPLETE	TIDBIT V2	10029802	Deerskin River at bend east of Rangeline Rd
6/1/2016 10:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/5/2016 12:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/1/2016 9:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/1/2016 10:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/3/2016 11:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/3/2017 11:05	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/3/2017 11:06	COMPLETE	TIDBIT V2	10029802	Deerskin River at bend east of Rangeline Rd
7/3/2017 11:40	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/2/2017 9:37	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/1/2017 13:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/3/2017 13:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/1/2017 12:10	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/7/2018 11:30	COMPLETE	TIDBIT V2	10029802	Deerskin River at bend east of Rangeline Rd
5/7/2018 11:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/8/2018 10:50	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/7/2018 10:50	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/7/2018 9:10	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/8/2018 11:16	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd

Wisconsin Department of Natural Resources SWIMS Project Summary

10/7/2018 11:20	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/4/2019 11:45	COMPLETE	TIDBIT V2	10029802	Deerskin River at bend east of Rangeline Rd
5/4/2019 11:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/6/2019 11:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/4/2019 10:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/4/2019 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/3/2019 12:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/4/2019 12:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/4/2020 12:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/4/2020 11:50	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/4/2020 10:10	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/4/2020 11:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/4/2020 11:45	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/5/2020 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/3/2021 11:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/7/2021 12:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/2/2021 10:10	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/2/2021 11:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/2/2021 11:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/1/2021 11:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/2/2021 10:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/4/2022 11:50	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/4/2022 10:50	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/4/2022 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/4/2022 11:15	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/3/2022 12:25	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/4/2022 11:00	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/31/2022	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/9/2023 12:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
5/10/2023	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
6/7/2023 12:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
7/8/2023 10:55	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
8/7/2023 0:50	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
9/8/2023 12:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd
10/8/2023 11:30	COMPLETE		10029802	Deerskin River at bend east of Rangeline Rd

Wisconsin Department of Natural Resources SWIMS Project Summary

Documents

Title	Description	Author	Published	Comments
Downstream view of Rangeline Rd site taken from dock entry point.	View looking downstream at Rangeline Road monitoring station. Photo taken from entry point.	Dick Oehler	8/4/2015	
From Oehler's Dock Downstream		Dick Oehler	8/29/2011	
Staff Gauge at Rangeline Rd site.	Staff Gauge installed next to and behind rocks to impede ice forces in winter. A second iron post is position just upstream to break ice before it pushed on staff gauge. Gauge was surveyed in in 2013 an has remained unchanged since that time.	Dick Oehler	8/4/2015	
Thermistor at Rangeline Rd site	Thermistor installed with good water cover.	Dick Oehler	8/4/2015	
Upstream view of Rangeline Rd site as taken from entry point	View of river and shoreline habitat upstream from dock entry point of this monitoring site.	Dick Oehler	8/4/2015	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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