General Project Information

Project ID: CBSM-10008817

Name: Mole Creek at Maple Rd

Type: Citizen Based Stream Monitoring

Subtype: Volunteer Monitoring

Status: ACTIVE

Start Date: 6/9/2008

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:

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

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	
DRISCOLL, ZACHERY G	PROJECT_LEA D	ACTIVE	5/2/2016		Wisconsin DNR		
Gennrich, Jim	TEAM_MEMBER	ACTIVE	6/9/2008		Milwaukee Riverkeeper		
Herbert, Todd	TEAM_MEMBER	ACTIVE	5/31/2022		Milwaukee Riverkeeper		
Jenkins, Jessica	TEAM_MEMBER	ACTIVE	6/15/2020		Milwaukee Riverkeeper		

Lukasz, Brad	TEAM_MEMBER	INACTIVE	2/16/2015	5/1/2017	Milwaukee Riverkeeper
Nenn, Cheryl	COORDINATOR	ACTIVE	2/13/2015		Milwaukee Riverkeeper
PIPER ANDERSON, CHRISTINA	OTHER	INACTIVE	3/10/2011	2/13/2015	Wisconsin DNR
Rademacher, Katie	PROJECT_LEA D	ACTIVE	12/6/2018		Milwaukee Riverkeeper
Rath, Joe	PROJECT_LEA D	INACTIVE	12/13/2010	5/9/2017	Milwaukee Riverkeeper
Zhou, Yubin	TEAM_MEMBER	ACTIVE	10/25/2019		Milwaukee Riverkeeper

Project Statuses

Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Citizen-Based Stream Monitoring	Collect chemical, physical, and/or biological	1/1/2012		IN PRO

Cilizen-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.

IN_PROGRESS

Monitoring Stations

Station ID	Name	Comments
10008817	Un Cr (Mole Creek) Station #1 at Maple Road	

Assessment Units

WBIC	Segment	Local Name	Official Name
26300	1	Mole Creek (T10n R21e Ne Ne 13)	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							
Start Date	Status	Field ID	Station ID	Station Name			
6/17/2007 17:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road			
7/15/2007 10:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road			
8/31/2007 18:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road			

9/23/2007 10:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/8/2007 16:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
11/4/2007 16:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/17/2008 16:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/17/2008 16:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/21/2008 15:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/21/2008 15:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/20/2008 14:50	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/20/2008 15:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/16/2008 10:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/16/2008 11:00	COMPLETE	HOBO V2	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/21/2008 14:25	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/21/2008 14:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/14/2008 11:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/14/2008 11:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/25/2009 11:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/25/2009 11:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/16/2009 15:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/16/2009 15:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/24/2009 14:40	COMPLETE	TIDBIT	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/17/2009 18:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/17/2009 18:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/13/2009 19:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/13/2009 19:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/13/2009 19:40	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/13/2009 19:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/12/2009 14:10	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/12/2009 14:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/12/2009 16:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/12/2009 16:10	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/3/2010 15:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/3/2010 17:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/1/2010 15:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/1/2010 15:35	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/24/2010 18:40	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road

5/24/2010 18:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/13/2010 12:30	COMPLETE	TIDBITV2	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/3/2010 15:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/3/2010 15:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/31/2010 12:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/31/2010 12:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/28/2010 15:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/28/2010 15:50	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/30/2010 18:10	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/30/2010 18:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/10/2011 13:35	COMPLETE	НОВО	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/10/2011 13:35	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/8/2011 13:40	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/4/2011 15:25	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/9/2011 13:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/6/2011 16:25	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/5/2011 16:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/8/2011 11:35	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/16/2011 15:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/7/2012 10:40	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/12/2012 14:55	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/9/2012 9:10	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/9/2012 9:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/8/2012 13:25	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/11/2012 13:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/9/2012 13:25	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/7/2012 12:35	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/28/2013 11:50	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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6/23/2013 11:10	COMPLETE	NA	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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8/24/2013 11:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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4/27/2014 14:50	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road

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6/22/2014 11:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/13/2014 11:40	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/9/2014 9:50	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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6/21/2015 13:05	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/18/2015 11:50	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/18/2015 11:52	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/7/2015 8:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/7/2015 8:46	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/12/2015 12:13	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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10/9/2015 2:51	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/9/2015 14:50	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/24/2016 14:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/24/2016 14:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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5/21/2016 14:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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7/22/2016 11:50	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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8/19/2016 14:05	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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9/16/2016 9:07	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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12/20/2016 13:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/26/2017 15:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/26/2017 15:47	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/1/2017 10:25	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/15/2017 10:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/28/2017 9:16	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/5/2017	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/17/2017 9:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/19/2017 10:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/9/2017 9:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/16/2017 9:31	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/17/2017 10:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/20/2017 14:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/24/2018 14:14	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/24/2018 14:30	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/24/2018 14:39	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/24/2018 14:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/21/2018 11:53	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
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8/13/2018 14:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/8/2018 9:18	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/11/2018 13:55	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/26/2019 15:12	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
4/26/2019 16:10	COMPLETE	НОВО	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/23/2019 10:20	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/6/2019 14:05	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/20/2019 14:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/20/2019 15:30	COMPLETE	2019_10008817_3	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/16/2019 16:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/16/2019 14:45	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/8/2019 13:40	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/15/2019 14:00	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/31/2020 13:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/31/2020 13:15	COMPLETE		10008817	Un Cr (Mole Creek) Station #1 at Maple Road

8/30/2020 13:00	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/30/2020 13:00	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/30/2020 10:30	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/30/2020 10:30	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/30/2020 11:00	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/30/2020 11:00	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/25/2021 16:00	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/7/2021 18:39	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/5/2021 16:00	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/31/2021 12:20	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
5/22/2022 9:30	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
6/18/2022 9:45	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
7/25/2022 9:00	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/15/2022 9:00	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/9/2022 11:50	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/14/2022 0:30	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
8/22/2023 13:00	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
9/21/2023 15:45	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road
10/20/2023 13:00	COMPLETE	10008817	Un Cr (Mole Creek) Station #1 at Maple Road

Documents					
Title	Description	Author	Published	Comments	
Mole Creek at Maple Road	Jim Engstrom "grabs" a water sample from Mole Creek - February, 2011	Gennrich	3/11/2011		
Mole Creek at Maple Road	Mole Creek thermister location	Gennrich	4/10/2011		

Budget

Combined Budgets: Combined WSLH:

Combined Total: \$0.00

Funding					
Organization	Source	Туре	Amount	Start Date	End Date