

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: CBSM-10011846

Name: Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property)

Type: Citizen Based Stream Monitoring

Subtype: Volunteer Monitoring

Status: INACTIVE

Start Date: 01/08/2015

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 |
|------|------|--------|------------|----------|--------------|----------|
|------|------|--------|------------|----------|--------------|----------|

Project Statuses

| Date | Reported By | Status | Comments |
|------|-------------|--------|----------|
|------|-------------|--------|----------|

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. | 01/08/2015 | 12/31/2099 | IN_PROGRESS |

Wisconsin Department of Natural Resources SWIMS Project Summary

Monitoring Stations

| Station ID | Name | Comments |
|------------|---|----------|
| 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) | |

Assessment Units

| WBIC | Segment | Local Name | Official Name |
|--------|---------|--|---------------|
| 907300 | 3 | Gordon Creek (Big Spring Cr Or Blue Mounds Cr) | Gordon Creek |

Lab Account Codes

| Account Code | Description | Start Date | End Date |
|--------------|-------------|------------|----------|
|--------------|-------------|------------|----------|

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 |
|------------------|----------|----------|------------|---|
| 05/19/2002 10:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 06/07/2002 18:15 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 07/07/2002 11:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 08/09/2002 17:15 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 09/01/2002 14:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 10/16/2002 16:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 11/09/2002 15:15 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 12/03/2002 16:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 01/01/2003 15:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 02/04/2003 16:00 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 03/02/2003 11:00 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 04/05/2003 08:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 05/17/2003 14:00 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 06/06/2003 18:45 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 07/05/2003 14:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 08/02/2003 14:00 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 08/20/2003 14:00 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |

Wisconsin Department of Natural Resources SWIMS Project Summary

| Start Date | Status | Field ID | Station ID | Station Name |
|------------------|----------|----------|------------|---|
| 09/08/2003 17:45 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 10/02/2003 16:45 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 11/02/2003 11:00 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 11/30/2003 12:00 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 03/07/2004 15:45 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 04/04/2004 09:15 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 05/15/2004 15:15 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 06/02/2004 19:15 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 07/02/2004 17:00 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 07/15/2004 20:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 08/04/2004 14:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 09/05/2004 13:00 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 10/05/2004 16:45 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 11/07/2004 11:15 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 12/18/2004 08:15 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 02/05/2005 09:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 03/11/2005 15:45 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 04/01/2005 15:15 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 06/23/2005 19:45 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 08/16/2005 17:45 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |
| 10/01/2005 18:30 | COMPLETE | | 10011846 | Gordon Creek - Sandy Rock Rd. Bridge Upstream 200 M To End (Hoerr Property) |

Documents

| Title | Description | Author | Published | Comments |
|-------|-------------|--------|-----------|----------|
|-------|-------------|--------|-----------|----------|

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

| Organization | Source | Type | Amount | Start Date | End Date |
|--------------|--------|------|--------|------------|----------|
|--------------|--------|------|--------|------------|----------|