

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** CBSM\_Voyager  
**Name:** Valley Stewardship Network Voyager  
**Type:** Citizen Based Stream Monitoring  
**Subtype:** Volunteer Monitoring  
**Status:** ACTIVE  
**Start Date:** 09/19/2010  
**End Date:** 10/02/2010  
**Purpose:** The Water Action Volunteers Program involves citizen monitors in the process of collecting water quality data used by the DNR to assist in making management decisions. Goals of the program include collecting high quality data that can be used for management decisions, building relationships between DNR staff and citizen monitors, and assessing areas in need of additional monitoring, restoration and/or protection. Ultimately, volunteer participation in this project aids DNR staff by allowing for increased capabilities to monitor streams. Communities and the DNR can use this water quality information to make decisions that affect the management of streams throughout Wisconsin.  
**Objective:** Data collected by Water Action Volunteers can be used by DNR staff as screening tools. The process of data collection helps Wisconsin citizenry enhance their understanding of data collection and in many cases, move to more sophisticated data collection work including biological and additional physical site data..  
**Comments:**  
**Outcome:**  
**Study Design:** The Level 2 stream monitoring sampling plan is consistent with statewide baseline monitoring guidelines laid out in the DNR's Water Resources Monitoring Strategy for Wisconsin.
 

- DNR or county staff recommends sites that could be useful to have monitored based on needs to acquire status or trends information, or other types of monitoring that is priority.
- Volunteers are asked to monitor, at least, from May through September
- Volunteers choose primary (P) and secondary (S) sampling dates in advance and note on their data sheets on 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 family emergency.
- The goal is to monitor at the same time each month, preferably 30 days apart from the last monitoring visit.
- Volunteers are instructed to enter data by the end of each month.

  
**Parameters Measured:**

- Dissolved oxygen (concentration)
- Dissolved oxygen (saturation)
- Transparency
- Temperature (instantaneous and continuous measurements)
- pH.

**QA Measures:** Program Coordinator or Local Coordinators visit with 10% of volunteer stations annually to conduct side-by-side monitoring of dissolved oxygen and pH, using his/her own meter to check that volunteers are calibrating meters and following methods correctly, to ensure the equipment is functioning properly, and to answer any questions or concerns. The Data Managers run monthly 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
Grainger, Sarah	PROJECT_LEAD	ACTIVE	11/04/2010		Valley Stewardship Network	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
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### Monitoring Stations

Station ID	Name	Comments
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Station ID	Name	Comments
10032199	Kickapoo River - 100 ft downstream of confluence with West Fork of the Kickapoo	
10032194	Kickapoo River - 1250 ft NNW of intersection of River Road and Welker Hollow Rd	
10032200	Kickapoo River - 150 ft upstream of HWY 14 Bridge	
10032198	Kickapoo River - 1500 ft downstream of HWY 131 Bridge	
10032192	Kickapoo River - 1500 ft upstream of HWY 131 Bridge	
10032201	Kickapoo River - 30 ft upstream of HWY 131 Bridge	
10032202	Kickapoo River - 50 ft downstream of Cty B Bridge	
10032197	Kickapoo River - Kettner Riverfront Cabins - In front of Tree Cabin	
10032190	Kickapoo River - Kickapoo Valley Reserve Bridge 18 (covered bridge at intersection of old HWY 131 and the Kickapoo River	
10032189	Kickapoo River - Kickapoo Valley Reserve Campsite I (1170 ft south of intersection of Cty P and Old HWY 131)	
10032204	Kickapoo River - North Edge of the Kickapoo Wildlife Area	
10032188	Kickapoo River - Off HWY 131 - Bridge 10 Landing 10	
10032187	Kickapoo River - Off HWY 131 - Bridge 5 Landing 5	
10032196	Kickapoo River - South of Viola near HWY 131 160 ft upstream of confluence and unnamed tributary	
10032195	Kickapoo River - Viola City Campground 1000 ft upstream of HWY 131 Bridge	
10032203	Kickapoo River - at HWY 171 Bridge	
10032191	Kickapoo River - at La Farge HWY 82 Bridge	
10032193	Kickapoo River - at confluence with Bear Creek also at HWY 131 Bridge	
10032017	Kickapoo River 0.25 mi E of STH 131 and Haney Valley Rd intscn at bridge	
123074	Kickapoo River at Steuben WI	
10032186	Kickapoo River in Village of Ontario Titanic Canoe Rental Launch Site	

### Assessment Units

WBIC	Segment	Local Name	Official Name
1182400	1	Kickapoo River	Kickapoo River
1182400	2	Kickapoo River	Kickapoo River
1182400	4	Kickapoo River	Kickapoo River
1182400	5	Kickapoo River	Kickapoo River
1182400	6	Kickapoo River	Kickapoo River
1182400	12	Kickapoo River	Kickapoo River
1193500	1	Bear Creek (Lower)	Bear Creek
1199400	1	Brey Valley Creek	Brey Valley Creek

### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

Form Code	Form Name
VOL_RIVER	Citizen-Based Stream Monitoring

### Methods

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<b>Method Code</b> CBSM_PP_FIELD_METHODS	<b>Description</b> CBSM Stream Monitoring YSI DO Meter 2009
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
09/19/2010 10:30	COMPLETE		10032186	Kickapoo River in Village of Ontario Titanic Canoe Rental Launch Site
09/19/2010 14:30	COMPLETE		10032187	Kickapoo River - Off HWY 131 - Bridge 5 Landing 5
09/19/2010 16:30	COMPLETE		10032188	Kickapoo River - Off HWY 131 - Bridge 10 Landing 10
09/20/2010 07:30	COMPLETE		10032189	Kickapoo River - Kickapoo Valley Reserve Campsite I (1170 ft south of intersection of Cty P and Old HWY 131)
09/20/2010 14:30	COMPLETE		10032190	Kickapoo River - Kickapoo Valley Reserve Bridge 18 (covered bridge at intersection of old HWY 131 and the Kickapoo River
09/20/2010 16:00	COMPLETE		10032191	Kickapoo River - at La Farge HWY 82 Bridge
09/20/2010 16:30	COMPLETE		10032192	Kickapoo River - 1500 ft upstream of HWY 131 Bridge
09/20/2010 16:45	COMPLETE		10032193	Kickapoo River - at confluence with Bear Creek also at HWY 131 Bridge
09/21/2010 14:00	COMPLETE		10032194	Kickapoo River - 1250 ft NNW of intersection of River Road and Welker Hollow Rd
09/21/2010 16:00	COMPLETE		10032195	Kickapoo River - Viola City Campground 1000 ft upstream of HWY 131 Bridge
09/22/2010 11:00	COMPLETE		10032196	Kickapoo River - South of Viola near HWY 131 160 ft upstream of confluence and unnamed tributary
09/22/2010 12:30	COMPLETE		10032197	Kickapoo River - Kettner Riverfront Cabins - In front of Tree Cabin
09/22/2010 15:30	COMPLETE		10032198	Kickapoo River - 1500 ft downstream of HWY 131 Bridge
09/22/2010 15:45	COMPLETE		10032199	Kickapoo River - 100 ft downstream of confluence with West Fork of the Kickapoo
09/23/2010 13:00	COMPLETE		10032200	Kickapoo River - 150 ft upstream of HWY 14 Bridge
09/23/2010 16:30	COMPLETE		10032201	Kickapoo River - 30 ft upstream of HWY 131 Bridge
09/24/2010 08:30	COMPLETE		10032201	Kickapoo River - 30 ft upstream of HWY 131 Bridge
09/24/2010 12:30	COMPLETE		10032202	Kickapoo River - 50 ft downstream of Cty B Bridge
09/24/2010 16:00	COMPLETE		10032203	Kickapoo River - at HWY 171 Bridge
09/30/2010 12:30	COMPLETE		10032203	Kickapoo River - at HWY 171 Bridge
09/30/2010 17:30	COMPLETE		123074	Kickapoo River at Steuben WI
10/01/2010 13:30	COMPLETE		10032204	Kickapoo River - North Edge of the Kickapoo Wildlife Area

### 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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