

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** RP31318  
**Name:** FRIENDS OF THE KINNI: Citizen Benthic Algal Biomonitoring for the Kinni  
**Type:** River Grant  
**Subtype:** River Planning Grant  
**Status:** COMPLETE  
**Start Date:** 02/15/2018  
**End Date:** 12/31/2018  
**Purpose:** The Friends of the Kinni (FOTK) is sponsoring a project to train local citizens in the use of the DNR-developed procedures for viewing bucket assessments of benthic algal biomass & facilitate development of an on-going, sustainable citizen-based biomonitoring program on the Kinni that involves annual benthic algal biomonitoring and reporting of findings to member organization of the KWP and DNR. The protocols, established by the DNR for assessing if a stream is exhibiting a biological response to phosphorus, (DNR's Phosphorus Response Criteria). The project includes establishing biomonitoring stations on the Kinni. Monitoring protocol for volunteers will be refined and adapted from DNR protocols. Training and technology transfer of method to FOTK staff & select number of citizen volunteers \2013 demonstrated with instruction by experts at GLEC. Field monitoring, the monitoring will be applied during the growing season commensurate with water quality sampling for phosphorus, and inclusive of a quality assurance and control audit. Reporting and information sharing. Results and findings will be summarized in a report and a workshop/public meeting held to disseminate method and information.

Project deliverables: Increased biological monitoring on the Kinni, and routine assessment of benthic algal biomass. Establishes a prototype citizen-volunteer benthic algal biomonitoring program for streams in WI. Educates and trains staff and students at UWRF, and educates, trains, and involves the public on conservation of a locally-important and shared water resource.

Special conditions: WDNR will be provided with an electronic (pdf or word) copy of all data and maps from the project. This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps, and digital images, must be submitted in a format specified, to the DNR.

**Objective:**  
**Comments:** Grantee is FRIENDS OF THE KINNI  
**Outcome:**  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Friends of the Kinni,	TEAM_MEMBER	ACTIVE	02/04/2019		Friends of the Kinni	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
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Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>The Friends of the Kinni (FOTK) is sponsoring a project to train local citizens in the use of the DNR-developed procedures for viewing bucket assessments of benthic algal biomass &amp; facilitate development of an on-going, sustainable citizen-based biomonitoring program on the Kinni that involves annual benthic algal biomonitoring and reporting of findings to member organization of the KWP and DNR. The protocols, established by the DNR for assessing if a stream is exhibiting a biological response to phosphorus, (DNR's Phosphorus Response Criteria). The project includes establishing biomonitoring stations on the Kinni. Monitoring protocol for volunteers will be refined and adapted from DNR protocols. Training and technology transfer of method to FOTK staff &amp; select number of citizen volunteers 2013 demonstrated with instruction by experts at GLEC. Field monitoring, the monitoring will be applied during the growing season commensurate with water quality sampling for phosphorus, and inclusive of a quality assurance and control audit. Reporting and information sharing. Results and findings will be summarized in a report and a workshop/public meeting held to disseminate method and information. Project deliverables: Increased biological monitoring on the Kinni, and routine assessment of benthic algal biomass. Establishes a prototype citizen-volunteer benthic algal biomonitoring program for streams in WI. Educates and trains staff and students at UWRF, and educates, trains, and involves the public on conservation of a locally-important and shared water resource.</p>	02/15/2018	12/31/2018	COMPLETE

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Action	Detailed Description	Start	End Date	Status
Train Volunteers	<p>The Friends of the Kinni (FOTK) is sponsoring a project to train local citizens in the use of the DNR-developed procedures for viewing bucket assessments of benthic algal biomass &amp; facilitate development of an on-going, sustainable citizen-based biomonitoring program on the Kinni that involves annual benthic algal biomonitoring and reporting of findings to member organization of the KWP and DNR. The protocols, established by the DNR for assessing if a stream is exhibiting a biological response to phosphorus, (DNR's Phosphorus Response Criteria). The project includes establishing biomonitoring stations on the Kinni. Monitoring protocol for volunteers will be refined and adapted from DNR protocols. Training and technology transfer of method to FOTK staff &amp; select number of citizen volunteers 2013 demonstrated with instruction by experts at GLEC. Field monitoring, the monitoring will be applied during the growing season commensurate with water quality sampling for phosphorus, and inclusive of a quality assurance and control audit. Reporting and information sharing. Results and findings will be summarized in a report and a workshop/public meeting held to disseminate method and information. Project deliverables: Increased biological monitoring on the Kinni, and routine assessment of benthic algal biomass. Establishes a prototype citizen-volunteer benthic algal biomonitoring program for streams in WI. Educates and trains staff and students at UWRF, and educates, trains, and involves the public on conservation of a locally-important and shared water resource.</p>	02/15/2018	12/31/2018	IN_PROGRESS

Details:	Parameter	Value/Amount	Units	Comments
	BMP Implementation			
	I & E Activities			
	PCBs			
	Permit Modification			
	Products Developed:			
	Stormwater Plan			
	Protective Areas: Feet of bank protected			
	Protective Areas: Feet of bank protected			
	Protective Areas: Feet of bank protected			
	Report Writeup			
	Stormwater Goals Addressed:			
	Protective areas			
	Stormwater Goals Addressed:			
	Reduce TSS			
	Streambank & Shoreline Protection: Pollutant load			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
reduction				
Streambank & Shoreline Protection: Units				
Streambank & Shoreline Protection: Pollutant load reduction				
Streambank & Shoreline Protection: Units				
Streambanks: Feet of bank protected				
Streambanks: Feet of bank protected				
Streambanks: Feet of bank protected				
Total Nitrogen				
Total Phosphorus				
Total Suspended Solids				
Watershed Outreach, Planning				

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
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### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

Form Code	Form Name
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### Methods

Method Code	Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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### 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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