

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** Hardies\_TMDL  
**Name:** Hardies Creek TMDL  
**Type:** TMDL/303d Projects  
**Subtype:** Implement TMDL  
**Status:** ACTIVE  
**Start Date:** 02/25/2008  
**End Date:** 06/30/2007  
**Purpose:** The Hardies Creek TMDL is a product of a partnership between the Wisconsin Department of Natural Resources (WDNR) and the Galesville-Ettrick-Trempealeau High School (GET) Science Department. In 2004, the WDNR provided funding, through a local water quality assistance grant to GET, to support supplemental data collection for the development of the TMDL. In coordination with WDNR field staff and under the direction of Mr. Jon Johnson (GET Science Teacher), students monitored habitat, macroinvertebrates, and water chemistry and assisted with fish electro-shocking in Hardies creek. Some of the information collected by students with WDNR supervision was used in the development of this TMDL.  
**Objective:** The Wisconsin Department of Natural Resources (WDNR) developed a sediment TMDL for Hardies Creek. By implementing measures to reduce the sediment loading, the TMDL will also address the degraded habitat impairment in the creek.  
**Comments:** Trempealeau BR01, BR03 Water ID Code1686900  
070400071208  
**Outcome:** Reductions in runoff rates and solids loads from nonpoint sources such as streambank erosion are necessary to address the degraded habitat impairment in Hardies Creek and reduce the impacts on the aquatic life, so the stream can meet water quality standards (WQS).  
**Study Design:** More information about GET environmental monitoring activities is published online at:  
<http://www.getschools.k12.wi.us/hs/staff/jonjohnson/Final%20Webpage/EVS%20Whole%20Mainpage.html>.  
**QA Measures:** No new or additional enforcement authorities are provided under these TMDLs. However, future enforcement of nonpoint source performance standards and prohibitions will likely take place in the watersheds of these impaired waters. It is also anticipated that regulatory agricultural and non-agricultural performance standards and performance standards called for in Wisconsin Statutes will be implemented in the watershed for these impaired waters. Administrative rules passed by the Natural Resources Board identify that watersheds with impaired waters will have the highest priority for enforcement. In addition to the implementation of enforceable nonpoint source performance standards, there are a number of voluntary programs that will assist in implementing these TMDLs.

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
HELSEL, DANIEL R	COORDINATOR	INACTIVE	01/31/2007	04/14/2009	Wisconsin DNR	
KOPERSKI, CYNTHIA A	PROJECT_MANAGER	ACTIVE	10/01/2005	06/30/2007	Wisconsin DNR	
KOPERSKI, CYNTHIA A	COORDINATOR	ACTIVE	10/01/2005	06/30/2007	Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
07/15/2014	Lisa Helmuth	Progress: 50-75% Complete	Approved, implementation not started.

### Actions

Action	Detailed Description	Start	End Date	Status
--------	----------------------	-------	----------	--------

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
TMDL Development	The Wisconsin Department of Natural Resources (WDNR) developed one phosphorus Total Maximum Daily Load (TMDL) for one segment in the lower Chippewa River Basin, Half Moon Lake, Eau Claire, Wisconsin. The TMDL addresses the phosphorus impacts and impairments which were identified on the Wisconsin 1998 and 2002 303(d) lists.	09/08/2004	12/31/2099	IN_PROGRESS
<b>Details:</b>	<b>Parameter</b>	<b>Value/Amount</b>	<b>Units</b>	<b>Comments</b>
	Total Phosphorus			
	Total Suspended Solids			
TMDL (USEPA) Approved	USEPA has approved the TMDL for Hardies Creek TMDL project. The Wisconsin Department of Natural Resources (WDNR) developed a sediment TMDL for Hardies Creek. By implementing measures to reduce the sediment loading, the TMDL will also address the degraded habitat impairment in the creek.	02/25/2008	02/25/2008	COMPLETE
TMDL Development	TMDL development for Hardies Creek in Trempealeau County, WI. In 2004, the WDNR provided funding, through a local water quality assistance grant to GET, to support supplemental data collection for the development of the TMDL. In coordination with WDNR field staff and under the direction of Mr. Jon Johnson (GET Science Teacher), students monitored habitat, macroinvertebrates, and water chemistry and assisted with fish electro-shocking in Hardies creek. Some of the information collected by students with WDNR supervision was used in the development of this TMDL.	02/25/2008	02/25/2008	COMPLETE
TMDL Implementation	TMDL implementation for Hardies Creek in Trempealeau County, WI. By implementing measures to reduce the sediment loading, the TMDL will also address the degraded habitat impairment in the creek.  Implantation plan is needed.	02/25/2008		IN_PROGRESS

### Monitoring Stations

Station ID	Name	Comments
623284	Hardies Creek - State Rd 54	
623285	Hardies Creek - Van Riper Rd	

### Assessment Units

WBIC	Segment	Local Name	Official Name
1668100	1	Un Lake	Unnamed
1668200	1	Unnamed Spring	Unnamed
1668500	1	Local Water	Unnamed
1669300	1	Un Lake	Unnamed
1676700	1	Black River	Black River
1676700	2	Black River	Black River

## Wisconsin Department of Natural Resources SWIMS Project Summary

WBIC	Segment	Local Name	Official Name
1685200	1	Grant Creek	Grant Creek
1685500	1	Ponstad Creek	Unnamed
1685600	2	Fleming Creek	Fleming Creek
1686900	1	Hardies Creek	Hardies Creek
1686900	2	Hardies Creek	Hardies Creek
1686900	3	Hardies Creek	Hardies Creek
1687000	1	Toppen Creek	Unnamed
5556475	1	Local Water	Unnamed
5556483	1	Local Water	Unnamed
5556540	1	Local Water	Unnamed
5556703	1	Local Water	Unnamed
5556984	1	Local Water	Unnamed
5556994	1	Local Water	Unnamed
5557115	1	Local Water	Unnamed
5557116	1	Local Water	Unnamed
5557204	1	Local Water	Unnamed
5557260	1	Local Water	Unnamed
5557298	1	Local Water	Unnamed
5557702	1	Local Water	Unnamed
5587308	1	Local Water	Unnamed
5587330	1	Local Water	Unnamed
5587350	1	Local Water	Unnamed

### Lab Account Codes

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

### Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload
INORGANIC	Inorganic Lab - Field Data

### Methods

Method Code	Description
-------------	-------------

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
10/04/2005 14:01	COMPLETE	H-1	623284	Hardies Creek - State Rd 54
10/12/2005 11:50	COMPLETE		623284	Hardies Creek - State Rd 54
10/23/2005 12:10	COMPLETE	H3	623284	Hardies Creek - State Rd 54
03/31/2006 11:23	COMPLETE	H1	623284	Hardies Creek - State Rd 54
03/31/2006 11:29	COMPLETE	V1	623285	Hardies Creek - Van Ripper Rd

### Documents

Title	Description	Author	Published	Comments
Hardies Creek 1686900 Impaired Waters Listing Documentation 2002	Data Documentation Hardies Creek, Impaired Waters listing Documentation, Trempealeau	Flicek, Chris	03/04/2002	
Hardies Creek 1686900 Map	MAP	Helmuth, Lisa	10/15/2006	

## Wisconsin Department of Natural Resources SWIMS Project Summary

<b>Title</b>	<b>Description</b>	<b>Author</b>	<b>Published</b>	<b>Comments</b>
Hardies Creek 1686900 TMDL	Final TMDL Report	Helsel, Dan	02/01/2008	
Hardies Creek Photo	Hardies Creek Photo	Helsel, Clayton	07/15/2014	
USEPA Decision Document for the Approval of the Hardies Creek TMDL 1686900_34091	After a full and complete review, USEPA finds that the TMDL for Hardies Creek satisfies all of the elements of an approvable TMDL. This document addresses a total of 1 TMDL for 1 waterbody segment with a total of 2 impairments from the 2006 Wisconsin 303(d) list.	USEPA	10/01/2005	

### Budget

**Combined Budgets:**  
**Combined SLOH:**  
**Combined Total:**

### Funding

<b>Organization</b>	<b>Source</b>	<b>Type</b>	<b>Amount</b>	<b>Start Date</b>	<b>End Date</b>
---------------------	---------------	-------------	---------------	-------------------	-----------------