

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** Middle Trempealeau TMDL  
**Name:** Middle Trempealeau TMDL  
**Type:** TMDL/303d Projects  
**Subtype:** Implement TMDL  
**Status:** ACTIVE  
**Start Date:** 04/01/2002  
**End Date:** 08/21/2013  
**Purpose:** The Wisconsin Department of Natural Resources (WDNR) developed six sediment TMDLs for six segments in the Middle Trempealeau River watershed. The TMDLs address the sediment impacts and impairments which were identified on the Wisconsin 1998 303(d) list. The segments were ranked as medium or low priority on the Wisconsin 1998 303(d) list. The waterbody segments are located in Trempealeau and Buffalo Counties, Wisconsin.  
**Objective:** Wisconsin Administrative Code (WAC) as the applicable standard. This standard states in part, Substances that will cause objectionable deposits on the shore or in the bed of a body of water, shall not be present in such amounts as to interfere with public rights in waters of the state. The state established a water quality target for the segments as meeting a potential use of Cold Water Class II or Class III community, as described in NR 1.02(7)(b) of the WAC. Although sediment has been determined to be the pollutant of concern, WDNR will be monitoring the fish community to determine the effectiveness of TMDL implementation, as the fish community is the designated use being impaired.  
**Comments:** Welch Coulee Creek  
 Irvin Creek  
 Newcomb Valley Creek  
 Swinns Valley Creek  
 Tappen Coulee Creek  
 North Creek  
**Outcome:** These total load capacities represent an approximate 45% reduction of sediment entering the six creeks for existing conditions (based on 1990 information). WDNR has determined that these reductions in sediment will achieve the water quality target of establishing the appropriate cold water community in the segments. Establishment of a cold water community has been determined by WDNR to be an adequate surrogate for the narrative water quality standard. The TMDLs include a monitoring plan which is appropriate for demonstrating whether or not progress has been made towards establishment of the cold water community. Since sediments impact the fish community in several ways (reproduction, food supply, raising water temperature), and sediments are not a toxic, no specific critical condition exists.  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
HELSEL, DANIEL R	COORDINATOR	INACTIVE	04/01/2002	08/21/2013	Wisconsin DNR	Welch Coulee Creek Irvin Creek Newcomb Valley Creek Swinns Valley Creek Tappen Coulee Creek North Creek
KOPERSKI, CYNTHIA A	TRAINER	ACTIVE	04/01/2002	08/21/2013	Wisconsin DNR	
KOPERSKI, CYNTHIA A	COORDINATOR	ACTIVE	04/01/2002	08/21/2013	Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
07/14/2014	Lisa Helmuth	Progress: 75-100% Complete	TMDL Approved No implementation yet.

### Actions

Action	Detailed Description	Start	End Date	Status
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## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
TMDL (USEPA) Approved	Irvin Creek (1792200) in the Middle Trempealeau River TMDL Approval. The Wisconsin Department of Natural Resources (WDNR) developed six sediment TMDLs for six segments in the Middle Trempealeau River watershed. The TMDLs address the sediment impacts and impairments which were identified on the Wisconsin 1998 303(d) list. The segments were ranked as medium or low priority on the Wisconsin 1998 303(d) list.	03/13/2003	03/13/2003	COMPLETE
TMDL Development	TMDL Development for the Middle Trempealeau River addressing the sediment impacts and impairments which were identified on the Wisconsin 1998 303(d) list.	03/13/2003	03/13/2003	COMPLETE
TMDL (USEPA) Approved	Swinns Valley Creek in the Middle Trempealeau River TMDL Approval. The Wisconsin Department of Natural Resources (WDNR) developed six sediment TMDLs for six segments in the Middle Trempealeau River watershed. The TMDLs address the sediment impacts and impairments which were identified on the Wisconsin 1998 303(d) list. The segments were ranked as medium or low priority on the Wisconsin 1998 303(d) list.	03/13/2003	03/13/2003	COMPLETE
TMDL (USEPA) Approved	TMDL for North Creek in the Middle Trempealeau River Approval. The Wisconsin Department of Natural Resources (WDNR) developed six sediment TMDLs for six segments in the Middle Trempealeau River watershed. The TMDLs address the sediment impacts and impairments which were identified on the Wisconsin 1998 303(d) list. The segments were ranked as medium or low priority on the Wisconsin 1998 303(d) list.	03/13/2003	03/13/2003	COMPLETE
TMDL (USEPA) Approved	Welch Coulee Creek in the Middle Trempealeau River TMDL Approval. The Wisconsin Department of Natural Resources (WDNR) developed six sediment TMDLs for six segments in the Middle Trempealeau River watershed. The TMDLs address the sediment impacts and impairments which were identified on the Wisconsin 1998 303(d) list. The segments were ranked as medium or low priority on the Wisconsin 1998 303(d) list.	03/13/2003	03/13/2003	COMPLETE
TMDL (USEPA) Approved	EPA finds that the TMDLs for the Middle Trempealeau Watershed satisfy all of the elements of approvable TMDLs. This TMDL addresses a total of 6 TMDLs for 6 waterbodies with a total of 15 impairments from the 1998 Wisconsin 303d list.	03/13/2003	03/13/2003	COMPLETE

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
TMDL (USEPA) Approved	TMDL for Tappen Coulee Creek in the Middle Trempealeau River Approval. The Wisconsin Department of Natural Resources (WDNR) developed six sediment TMDLs for six segments in the Middle Trempealeau River watershed. The TMDLs address the sediment impacts and impairments which were identified on the Wisconsin 1998 303(d) list. The segments were ranked as medium or low priority on the Wisconsin 1998 303(d) list.	03/13/2003	03/13/2003	COMPLETE
TMDL (USEPA) Approved	Newcomb Valley Creek in the Middle Trempealeau River TMDL Approval. The Wisconsin Department of Natural Resources (WDNR) developed six sediment TMDLs for six segments in the Middle Trempealeau River watershed. The TMDLs address the sediment impacts and impairments which were identified on the Wisconsin 1998 303(d) list. The segments were ranked as medium or low priority on the Wisconsin 1998 303(d) list.	03/13/2003	03/13/2003	COMPLETE
TMDL Implementation	Middle Trempealeau River Watershed TMDL Implementation for 6 TMDLs for 6 waterbodies with a total of 15 impairments. The TMDLs include a monitoring plan which is appropriate for demonstrating whether or not progress has been made towards establishment of the cold water community.	03/13/2003		IN_PROGRESS
ATTAINS TMDL	An Implementation Plan is needed. The Wisconsin Department of Natural Resources (WDNR) developed six sediment TMDLs for six segments in the Middle Trempealeau River watershed. The TMDLs address the sediment impacts and impairments which were identified on the Wisconsin 1998 303(d) list. The segments were ranked as medium or low priority on the Wisconsin 1998 303(d) list. The waterbody segments are located in Trempealeau and Buffalo Counties, Wisconsin.	07/01/2006	06/30/2007	IN_PROGRESS

Details:	Parameter	Value/Amount	Units	Comments
	Total Phosphorus			
	Total Suspended Solids			

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
1776000	1	Swinns Valley Creek	Unnamed
1777400	1	Newcomb Valley Creek	Unnamed
1778600	1	North Creek	North Creek
1792200	1	Irvin Creek	Irvin Creek
1800300	2	Tappen Coulee Creek	Tappen Coulee Creek

## Wisconsin Department of Natural Resources SWIMS Project Summary

### 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
Lower Trempealeau River Watershed (BT01) Learn More Image	Trempealeau Mountain and the Mississippi River	Department of Tourism	10/18/2012	
Middle Trempealeau River Watershed (BT02) Impaired Waters Map			07/22/2011	
Middle Trempealeau River Watershed Sediment TMDL	Final TMDL Report	WDNR WES	12/23/2002	
Middle Trempealeau Watershed Sediment TMDL USEPA Decision Document		USEPA	08/21/2013	
Trempealeau River Photo		Helmuth, Lisa	07/14/2011	

### Budget

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

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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