

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: 4/1/2002

End Date: 8/21/2013

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	4/1/2002	8/21/2013	Wisconsin DNR	Welch Coulee Creek Irvin Creek Newcomb Valley Creek Swinns Valley Creek Tappen Coulee Creek North Creek
KOPERSKI, CYNTHIA A	TRAINER	ACTIVE	4/1/2002	8/21/2013	Wisconsin DNR	
KOPERSKI, CYNTHIA A	COORDINATOR	ACTIVE	4/1/2002	8/21/2013	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
7/14/2014	Lisa Helmuth	Progress: 75-100% Complete	TMDL Approved No implementation yet.

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Actions				
Action	Detailed Description	Start Date	End Date	Status
TMDL Implementation	<p>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.</p> <p>An Implementation Plan is needed.</p>	3/13/2003		IN_PROGRESS
TMDL (USEPA) Approved	<p>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.</p>	3/13/2003	3/13/2003	COMPLETE
TMDL (USEPA) Approved	<p>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.</p>	3/13/2003	3/13/2003	COMPLETE
TMDL (USEPA) Approved	<p>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.</p>	3/13/2003	3/13/2003	COMPLETE
TMDL (USEPA) Approved	<p>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.</p>	3/13/2003	3/13/2003	COMPLETE
TMDL Development	<p>TMDL Development for the Middle Trempealeau River addressing the sediment impacts and impairments which were identified on the Wisconsin 1998 303(d) list.</p>	3/13/2003	3/13/2003	COMPLETE

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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.	3/13/2003	3/13/2003	COMPLETE
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.	3/13/2003	3/13/2003	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.	3/13/2003	3/13/2003	COMPLETE
TMDL Development	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.	7/1/2006	6/30/2007	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
1769900	2	Trempealeau River	Trempealeau River
1769900	5	Trempealeau River	Trempealeau River
1769900	7	Trempealeau River (Pietrek County Park Beach)	Trempealeau River
1776000	1	Swinns Valley Creek	Unnamed
1777100	1	Turton Creek (American Valley Creek)	Turton Creek
1777100	2	Turton Creek (American Valley Creek)	Turton Creek
1777100	3	American Valley Creek	Turton Creek

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1777100	4	Turton Creek (American Valley Creek)	Turton Creek
1777200	1	Thompson Valley Creek	Unnamed
1777400	1	Newcomb Valley Creek	Unnamed
1777450	1	Un Lake	Unnamed
1777900	1	Unnamed Creek 32-6	Unnamed
1778500	1	Rainy Valley Creek	Unnamed
1778600	1	North Creek	North Creek
1779300	1	Lewis Valley Creek	Unnamed
1779600	1	Unnamed Trib to Trempealleau R	Unnamed
1779700	1	Unnamed Trib to Trempealleau River	Unnamed
1791400	1	Poker Coulee Creek	Unnamed
1791500	1	Maule Coulee Creek	Unnamed
1791600	1	Local Water	Unnamed
1792200	1	Irvin Creek	Irvin Creek
1800300	2	Tappen Coulee Creek	Tappen Coulee Creek
3000355	1	Creek 8-14	Unnamed
5019643	1	Local Water	Unnamed
5021137	1	Unnamed	Unnamed
5549401	1	Local Water	Unnamed
5550168	1	Local Water	Unnamed
5550222	1	Local Water	Unnamed
5551730	1	Local Water	Unnamed
5551734	1	Local Water	Unnamed
5551793	1	Local Water	Unnamed
5551871	1	Local Water	Unnamed
5551874	1	Local Water	Unnamed
5551875	1	Local Water	Unnamed
5551952	1	Local Water	Unnamed
5551997	1	Local Water	Unnamed
5552043	1	Local Water	Unnamed
5552236	1	Local Water	Unnamed
5552293	1	Local Water	Unnamed
5552363	1	Local Water	Unnamed
5552391	1	Local Water	Unnamed
5552462	1	Local Water	Unnamed

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5552520	1	Local Water	Unnamed
5552746	1	Local Water	Unnamed
5552833	1	Local Water	Unnamed
5552884	1	Local Water	Unnamed
5552914	1	Local Water	Unnamed

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	Method 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			7/22/2011	
Middle Trempealeau River Watershed Sediment TMDL	Final TMDL Report	WDNR WES	12/23/2002	
Middle Trempealeau Watershed Sediment TMDL USEPA Decision Document		USEPA	8/21/2013	
Trempealeau River Photo		Helmuth, Lisa	7/14/2011	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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