

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** Little Willow Creek TMDL

**Name:** Little Willow Creek TMDL

**Type:** TMDL/303d Projects

**Subtype:** Implement TMDL

**Status:** ACTIVE

**Start Date:** 4/30/2006

**End Date:** 12/31/2099

**Purpose:** A study to conduct two years of TMDL Monitoring for Little Willow Creek. 1980 trout streams list (class 2). Little Willow Creek is approximately eight miles long, located in the southeast portion of Richland County Wisconsin. The Wisconsin Department of Natural Resources (WDNR) placed the entire length of Little Willow Creek on the state's 303(d) impaired waters list in 1996 as high priority due to degraded habitat caused by excessive sedimentation (Table 1). The Clean Water Act and US EPA regulations require that each state develop TMDLs for waters on the Section 303(d) list.

**Objective:** Due to excessive sedimentation, Little Willow Creek is currently not meeting applicable narrative water quality criterion as defined in NR 102.04 (1); Wisconsin Administrative Code: To preserve and enhance the quality of waters, standards are established to govern water management decisions. Practices attributable to municipal, industrial, commercial, domestic, agricultural, land development, or other activities shall be controlled so that all waters including mixing zone and effluent channels meet the following conditions at all times and under all flow conditions: (a) 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. Excessive sedimentation is considered an objectionable deposit. This study is designed to confirm and quantify pollutants contributing to the problems found at Little Willow Creek.

**Comments:**

**Outcome:**

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
CLAYTON, NICOLE L	COORDINATOR	COMPLETE	4/30/2006	10/31/2014	Wisconsin DNR	
MORTON, JAMES A	TEAM_MEMBER	ACTIVE	4/30/2006		Wisconsin DNR	
VILLENEUVE, VALERIE	COORDINATOR	INACTIVE	8/15/2007		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

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Action	Detailed Description	Start Date	End Date	Status
TMDL Development	TMDL Development for Little Willow Creek in Richland County, WI. Due to excessive sedimentation, Little Willow Creek is currently not meeting applicable narrative water quality criterion as defined in NR 102.04 (1); Wisconsin Administrative Code: To preserve and enhance the quality of waters, standards are established to govern water management decisions. Practices attributable to municipal, industrial, commercial, domestic, agricultural, land development, or other activities shall be controlled so that all waters including mixing zone and effluent channels meet the following conditions at all times and under all flow conditions: (a) 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. (b) Excessive sedimentation is considered an objectionable deposit. This study is designed to confirm and quantify pollutants contributing to the problems found at Little Willow Creek.	9/8/2008	9/8/2008	COMPLETE
TMDL Implementation	Little Willow Creek (1221300) TMDL implementation.  An implementation plan is needed.	9/8/2008		IN_PROGRESS
TMDL (USEPA) Approved	After a full and complete review, EPA finds that the TMDL submitted for Little Willow Creek satisfies all of the elements of an approvable TMDL. This approval addresses one segment for sedimentation, Water Body ID (WBID) 1221300.	9/8/2008	9/8/2008	COMPLETE
TMDL Monitoring	A study to conduct two years of TMDL Monitoring for Little Willow Creek. 1980 trout streams list (class 2). Little Willow Creek is approximately eight miles long, located in the southeast portion of Richland County Wisconsin. The Wisconsin Department of Natural Resources (WDNR) placed the entire length of Little Willow Creek on the state's 303(d) impaired waters list in 1996 as high priority due to degraded habitat caused by excessive sedimentation (Table 1). The Clean Water Act and US EPA regulations require that each state develop TMDLs for waters on the Section 303(d) list.	7/1/2010	6/30/2017	IN_PROGRESS

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

### Monitoring Stations

Station ID	Name	Comments
10013229	Little Willow (Spiral Road Bridge)	
10012326	Little Willow At Mccavoy Rd.	

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10012231	Little Willow At Spiral Rd.	
10012345	Near Hwy Nn Private Property	

Assessment Units

WBIC	Segment	Local Name	Official Name
1220900	2	Willow Creek	Willow Creek
1220900	3	Willow Creek	Willow Creek
1221300	1	Little Willow Creek	Little Willow Creek
1221300	2	Little Willow Creek	Little Willow Creek
1221400	1	Misslich Creek	Misslich Creek
1221900	1	School Section Hollow	School Section Hollow Creek
1222000	1	Durst Hollow Creek	Durst Hollow Creek
1222100	1	Jacquish Hollow Creek	Jacquish Hollow Creek
1222800	1	Wheat Hollow Creek	Wheat Hollow Creek
1222900	1	Lost Hollow Creek	Lost Hollow Creek
1223000	1	Smith Hollow Creek	Smith Hollow Creek
5031531	1	Unnamed Stream	Unnamed
5031762	1	Unnamed Stream	Unnamed
5031777	1	Unnamed Stream	Unnamed
5032486	1	Unnamed Stream	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
WT073	TMDL MONITORING	10/1/2005	9/30/2006

Forms

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

Methods

Method Code	Method Description
DNR-FPM-SONDES2006	Multi-Parameter Continuous Meter (Sondes) Guidelines 2006
DNR-FPM-2301	Open Channel Flow Measurement 1988
DNR-FPM-2502	Temperature (Instantaneous) Digital Meter 1995
GRAB SAMPLE	Water Grab Sample Guidelines and Procedures 2005

Fieldwork Events

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Start Date	Status	Field ID	Station ID	Station Name
5/8/2006 12:00	COMPLETE	LWSR	10012231	Little Willow At Spiral Rd.
7/7/2006	COMPLETE		10012326	Little Willow At Mccavoy Rd.
7/7/2006 10:45	COMPLETE	11567803	10012231	Little Willow At Spiral Rd.
7/7/2006 10:45	COMPLETE		10012231	Little Willow At Spiral Rd.
7/7/2006 11:35	COMPLETE		10012345	Near Hwy Nn Private Property
8/10/2006	COMPLETE		10012326	Little Willow At Mccavoy Rd.
8/10/2006	COMPLETE		10012345	Near Hwy Nn Private Property
8/10/2006 10:35	COMPLETE		10012231	Little Willow At Spiral Rd.
8/10/2006 11:00	COMPLETE	11676737	10012231	Little Willow At Spiral Rd.
9/8/2006	COMPLETE		10012345	Near Hwy Nn Private Property
9/8/2006 10:15	COMPLETE	11901664	10012231	Little Willow At Spiral Rd.
9/8/2006 10:55	COMPLETE		10012326	Little Willow At Mccavoy Rd.
9/11/2006 10:30	COMPLETE	11902630	10012231	Little Willow At Spiral Rd.
9/29/2006	COMPLETE		10012231	Little Willow At Spiral Rd.
10/6/2006	COMPLETE		10012326	Little Willow At Mccavoy Rd.
10/6/2006 13:30	COMPLETE	11966133	10012231	Little Willow At Spiral Rd.
10/6/2006 13:30	COMPLETE		10012345	Near Hwy Nn Private Property
3/23/2007 11:25	COMPLETE		10012231	Little Willow At Spiral Rd.
3/23/2007 11:25	COMPLETE		10012231	Little Willow At Spiral Rd.
4/4/2007 13:30	COMPLETE		10012231	Little Willow At Spiral Rd.
5/4/2007 12:35	COMPLETE		10012231	Little Willow At Spiral Rd.
6/6/2007 13:05	COMPLETE		10012231	Little Willow At Spiral Rd.
7/10/2007 11:40	COMPLETE		10012231	Little Willow At Spiral Rd.
8/8/2007 12:30	COMPLETE		10012231	Little Willow At Spiral Rd.
8/14/2007 11:30	COMPLETE		10013229	Little Willow (Spiral Road Bridge)
8/22/2007 12:15	COMPLETE		10012231	Little Willow At Spiral Rd.
9/21/2007 11:30	COMPLETE		10012231	Little Willow At Spiral Rd.
10/17/2007 10:35	COMPLETE		10012231	Little Willow At Spiral Rd.

Documents

Title	Description	Author	Published	Comments
LITTLE WILLOW RIVER SPECIAL PROJECTS STATIONS LIST	LITTLE WILLOW RIVER SPECIAL PROJECTS STATIONS LIST	Helmuth		
Little Willow Creek 1221300 TMDL	Final TMDL Report June2008	WDNR WES		

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USEPA Decision Document for the Approval of the Little Willow Creek TMDL 1221300	After a full and complete review, EPA finds that the TMDL submitted for Little Willow Creek satisfies all of the elements of an approvable TMDL. This approval addresses one segment for sedimentation, Water Body ID (WBID) 1221300.	USEPA		
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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