

## 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:** 04/30/2006  
**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	04/30/2006	10/31/2014	Wisconsin DNR	
MORTON, JAMES A	TEAM_MEMBER	ACTIVE	04/30/2006		Wisconsin DNR	
VILLENEUVE, VALERIE	COORDINATOR	INACTIVE	08/15/2007		Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
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.	09/08/2008	09/08/2008	COMPLETE

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Action	Detailed Description	Start	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. 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.	09/08/2008	09/08/2008	COMPLETE
TMDL Implementation	Little Willow Creek (1221300) TMDL implementation.	09/08/2008		IN_PROGRESS
TMDL Monitoring	An implementation plan is needed. 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.	07/01/2010	06/30/2017	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.	
10012231	Little Willow At Spiral Rd.	
10012345	Near Hwy Nn Private Property	

### Assessment Units

WBIC	Segment	Local Name	Official Name
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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	10/01/2005	09/30/2006

### Forms

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

### Methods

Method Code	Description
DNR-FPM-SONDES2006	Multi-Parameter Continuous Meter 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

Start Date	Status	Field ID	Station ID	Station Name
05/08/2006 12:00	COMPLETE	LWSR	10012231	Little Willow At Spiral Rd.
07/07/2006	COMPLETE		10012326	Little Willow At Mccavoy Rd.
07/07/2006 10:45	COMPLETE	11567803	10012231	Little Willow At Spiral Rd.
07/07/2006 10:45	COMPLETE		10012231	Little Willow At Spiral Rd.
07/07/2006 11:35	COMPLETE		10012345	Near Hwy Nn Private Property
08/10/2006	COMPLETE		10012326	Little Willow At Mccavoy Rd.
08/10/2006	COMPLETE		10012345	Near Hwy Nn Private Property
08/10/2006 10:35	COMPLETE		10012231	Little Willow At Spiral Rd.
08/10/2006 11:00	COMPLETE	11676737	10012231	Little Willow At Spiral Rd.
09/08/2006	COMPLETE		10012345	Near Hwy Nn Private Property
09/08/2006 10:15	COMPLETE	11901664	10012231	Little Willow At Spiral Rd.
09/08/2006 10:55	COMPLETE		10012326	Little Willow At Mccavoy Rd.
09/11/2006 10:30	COMPLETE	11902630	10012231	Little Willow At Spiral Rd.

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Start Date	Status	Field ID	Station ID	Station Name
09/29/2006	COMPLETE		10012231	Little Willow At Spiral Rd.
10/06/2006	COMPLETE		10012326	Little Willow At Mccavoy Rd.
10/06/2006 13:30	COMPLETE	11966133	10012231	Little Willow At Spiral Rd.
10/06/2006 13:30	COMPLETE		10012345	Near Hwy Nn Private Property
03/23/2007 11:25	COMPLETE		10012231	Little Willow At Spiral Rd.
03/23/2007 11:25	COMPLETE		10012231	Little Willow At Spiral Rd.
04/04/2007 13:30	COMPLETE		10012231	Little Willow At Spiral Rd.
05/04/2007 12:35	COMPLETE		10012231	Little Willow At Spiral Rd.
06/06/2007 13:05	COMPLETE		10012231	Little Willow At Spiral Rd.
07/10/2007 11:40	COMPLETE		10012231	Little Willow At Spiral Rd.
08/08/2007 12:30	COMPLETE		10012231	Little Willow At Spiral Rd.
08/14/2007 11:30	COMPLETE		10013229	Little Willow (Spiral Road Bridge)
08/22/2007 12:15	COMPLETE		10012231	Little Willow At Spiral Rd.
09/21/2007 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		
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		

### Budget

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

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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