

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** Sugar Pecatonica TMDL

**Name:** Sugar Pecatonica Basin TMDL

**Type:** TMDL/303d Projects

**Subtype:** Implement TMDL

**Status:** ACTIVE

**Start Date:** 4/10/2011

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

**Purpose:** The Sugar Pecatonica River Basin is located in southern Wisconsin with a drainage basin of approximately 1,832 square miles in Dane, Rock, Lafayette, Green, and Iowa counties, and another 796 square miles in northern Illinois. Larger municipalities in the Wisconsin basin include Verona, Monroe, Mt. Horeb, Dodgeville, Darlington, parts of Fitchburg, and parts of Madison.

The basin also has some of the most productive farmland in Wisconsin. Most of the agricultural activities in the basin are dairy farming, cash cropping, and livestock feeder operations .

**Objective:** Implementation of this TMDL will require runoff management and other best management practice projects and cooperative projects with local agencies to realize phosphorus and sediment reductions.

**Comments:**

**Outcome:** Silver Spring Branch TMDL German Valley Branch Pioneer Valley Creek  
Henry Creek Prairie Brook Pleasant Valley Branch Searles Creek  
Syftestad Creek Silver School Branch  
Argus School Branch Spring Creek  
Braezels Branch Twin Grove Branch  
Buckskin School Branch Apple Branch  
Burgy Creek Cherry Branch  
Dougherty Creek Dodge Branch  
Jockey Hollow Creek Silver Spring Creek

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
AMRHEIN, JAMES F	COORDINATOR	COMPLETE	8/10/2016	7/16/2022	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	The Sugar Pecatonica River Basin is located in southern Wisconsin with a drainage basin of approximately 1,832 square miles in Dane, Rock, Lafayette, Green, and Iowa counties, and another 796 square miles in northern Illinois. Larger municipalities in the Wisconsin basin include Verona, Monroe, Mt. Horeb, Dodgeville, Darlington, parts of Fitchburg, and parts of Madison. The basin also has some of the most productive farmland in Wisconsin. Most of the agricultural activities in the basin are dairy farming, cash cropping, and livestock feeder operations .	3/12/2002	12/31/2099	IN_PROGRESS

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

TMDL Development	TMDL Development for the Sugar-Pecatonica River Basin for 23 TMDLs for 23 waterbody segments with a total of 52 impairments from the 2004 Wisconsin 303(d) list.	8/24/2005	8/24/2005	COMPLETE
TMDL (USEPA) Approved	TMDL Approval for the Sugar-Pecatonica River Basin.  USEPA finds that the TMDLs for the Sugar-Pecatonica River Basin satisfy all of the elements of approvable TMDLs. This TMDL addresses a total of 23 TMDLs for 23 waterbody segments with a total of 52 impairments from the 2004 Wisconsin 303(d) list.	8/24/2005	8/24/2005	COMPLETE
TMDL Implementation	Sugar Pecatonica TMDL Implementation for 23 TMDLs for 23 waterbody segments with a total of 52 impairments from the 2004 Wisconsin 303(d) list.  An Implementation Plan is needed.	1/1/2011	1/31/2025	IN_PROGRESS

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
875300	1	Sugar River	Sugar River
875300	2	Upper Sugar River	Sugar River
880100	1	Little Sugar River	Little Sugar River
880100	2	Little Sugar River	Little Sugar River
880100	3	Little Sugar River	Little Sugar River
880200	1	Unnamed Trib to Little Sugar R	Unnamed
880300	1	Hammerly Creek	Hammerly Creek

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880300	2	Hammerly Creek	Hammerly Creek
880400	1	Silver School Branch	Silver School Br
881400	1	Little Sugar River, West Branch	West Branch Little Sugar River
882600	1	Unnamed Stream	Unnamed
882700	1	Ward Creek	Ward Creek
882700	2	Ward Creek	Ward Creek
882700	3	Ward Creek	Ward Creek
882900	1	Legler School Branch	Legler School Br
883000	1	Spring Valley Creek	Spring Valley Creek
883000	2	Spring Valley Creek	Spring Valley Creek
883100	1	Pioneer Valley Creek	Pioneer Valley Creek
883200	1	Krieg Valley Creek	Krieg Valley Creek
883500	1	Hustad Valley Creek	Hustad Valley Creek
883600	1	Local Water	Unnamed
886100	1	West Branch Sugar River	West Branch Sugar River
887600	1	Corkscrew Creek	Unnamed
887800	1	Henry Creek	Henry Creek
887900	1	Unnamed Stream	Unnamed
888600	1	Bloody Lake	Bloody Lake
888700	1	Horseshoe Lake	Horseshoe Lake
888800	1	Un Lake	Unnamed
888900	1	Un Lake	Unnamed
889000	1	Un Lake	Unnamed
889100	1	Pecatonica River	Pecatonica River
889200	1	Richland Creek	Richland Creek
890700	1	Little Richland Creek	Little Richland Creek
891000	1	Local Water	Unnamed
891100	1	Local Water	Unnamed
891200	1	Local Water	Unnamed
891300	1	Twin Grove Branch	Twin Grove Br
891400	1	Local Water	Unnamed
891500	1	Local Water	Unnamed
891600	1	Local Water	Unnamed
891700	1	Local Water	Unnamed
891800	1	Local Water	Unnamed

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891900	1	Local Water	Unnamed
892000	1	Local Water	Unnamed
897800	1	E. Br. Pecatonica River	East Branch Pecatonica River
897800	5	E. Br. Pecatonica River	East Branch Pecatonica River
898000	1	Unnamed Stream	Unnamed
898500	1	Cherry Branch	Cherry Br
898800	1	Cherry Branch Trib	Unnamed
898900	1	Cherry Branch	Unnamed
899000	1	Cherry Branch Trib	Unnamed
899400	1	Trotter Branch	Trotter Br
899500	1	Jockey Hollow Creek	Unnamed
899700	1	Whiteside Creek	Whiteside Creek
899700	2	Whiteside Creek	Whiteside Creek
899700	3	Whiteside Creek	Whiteside Creek
899800	1	Apple Branch	Apple Branch
899800	3	Apple Branch	Apple Branch
900700	1	Braezels Branch	Braezels Br
900700	2	Braezels Branch	Braezels Br
901000	1	Dougherty Creek	Dougherty Creek
901000	4	Dougherty Creek	Dougherty Creek
901500	1	Prairie Brook	Prairie Brook
901700	1	Unmed Tributary to dougherty Creek	Unnamed
902200	1	Local Water	Unnamed
902300	1	Mud Branch	Mud Br
902300	2	Mud Branch	Mud Br
902300	4	Mud Branch	Mud Br
902400	1	Local Water	Unnamed
907300	1	Gordon Creek (Big Spring Cr Or Blue Mounds Cr)	Gordon Creek
907300	2	Gordon Creek (Big Spring Cr Of Blue Mounds Cr)	Gordon Creek
907300	3	Gordon Creek (Big Spring Cr Or Blue Mounds Cr)	Gordon Creek
907300	4	Big Spring Creek	Gordon Creek
907500	1	Brager Creek	Brager Br
907700	1	Mc Peace Valley Creek	McPeace Valley Creek
907900	1	Kittleson Valley Creek	Kittleson Valley Creek
907900	2	Kittleson Valley Creek	Kittleson Valley Creek

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907900	3	Kittleson Valley Creek	Kittleson Valley Creek
908200	1	Syftestad Creek	Syftestad Creek
908400	1	Jeglem Valley Creek	Jeglum Valley Creek
908500	1	Pleasant Valley Branch	Pleasant Valley Br
908600	1	Unnamed	Unnamed
908700	1	Lee Creek (York Valley Creek)	Lee Creek
908700	2	Lee Creek (York Valley Creek)	Lee Creek
908900	1	Unnamed	Unnamed
909200	1	German Valley Branch	German Valley Br
909400	1	Local Water	Unnamed
916700	1	Local Water	Unnamed
916800	1	Local Water	Unnamed
917400	1	Feather Branch	Feather Br
917400	2	Feather Branch	Feather Br
917700	1	Silver Spring Creek	Silver Spring Creek
917800	1	Local Water	Unnamed
917900	1	Local Water	Unnamed
3000032	1	Local Water	Unnamed
3000122	1	Local Water	Unnamed
5036998	1	Henry Creek	Unnamed
5038102	1	Unnamed Stream	Unnamed
5038223	1	Unnamed Stream	Unnamed
5038452	1	Unnamed Stream	Unnamed
5038509	1	Unnamed Stream	Unnamed
5038786	1	Unnamed Stream	Unnamed
5038788	1	Local Water	Unnamed
5038833	1	Unnamed Stream	Unnamed
5039171	1	Unnamed Stream	Unnamed
5039573	1	Unnamed Stream	Unnamed
5039640	1	Unnamed Stream	Unnamed
5039704	1	Local Water	Unnamed
5039752	1	Local Water	Unnamed
5039775	1	Local Water	Unnamed
5039789	1	Local Water	Unnamed
5039797	1	Unnamed Stream	Unnamed

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5039798	1	Local Water	Unnamed
5039800	1	Local Water	Unnamed
5039908	1	Local Water	Unnamed
5039958	1	Local Water	Unnamed
5039975	1	Local Water	Unnamed
5040044	1	Local Water	Unnamed
5040059	1	Local Water	Unnamed
5040081	1	Local Water	Unnamed
5040087	1	Unnamed Stream	Unnamed
5040136	1	Local Water	Unnamed
5040863	1	Unnamed Tributary to Silver Spring Creek	Unnamed
5040896	1	Local Water	Unnamed
5041287	1	Local Water	Unnamed
5041288	1	Local Water	Unnamed
5041327	1	Local Water	Unnamed
5041348	1	Local Water	Unnamed
5041482	1	Local Water	Unnamed
5041511	1	Local Water	Unnamed
5041528	1	Local Water	Unnamed
5041555	1	Local Water	Unnamed
5041816	1	Local Water	Unnamed
5041948	1	Local Water	Unnamed
5041949	1	Local Water	Unnamed
5041999	1	Local Water	Unnamed
5042004	1	Local Water	Unnamed
5042015	1	Local Water	Unnamed
5042025	1	Local Water	Unnamed
5042052	1	Local Water	Unnamed
5042091	1	Local Water	Unnamed
5042130	1	Local Water	Unnamed
5042133	1	Local Water	Unnamed
5042139	1	Local Water	Unnamed
5042167	1	Local Water	Unnamed
5042170	1	Local Water	Unnamed
5042186	1	Local Water	Unnamed

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5042203	1	Local Water	Unnamed
5042267	1	Local Water	Unnamed
5042350	1	Local Water	Unnamed
5042400	1	Local Water	Unnamed
5578786	1	Local Water	Unnamed
5578906	1	Local Water	Unnamed
5578933	1	Local Water	Unnamed
5579404	1	Local Water	Unnamed
5579524	1	Local Water	Unnamed
5579660	1	Local Water	Unnamed
5579675	1	Local Water	Unnamed
5579828	1	Local Water	Unnamed
5580050	1	Local Water	Unnamed
5580233	1	Local Water	Unnamed
5580273	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
ARRA 11 Lafayette Co TMDL Planning 2009 Project Description	This project involved farm inventories to identify sediment source reduction to the level required by the TMDL. Individual field-level management practices will be identified to reach the prescribed sediment loss goals. Identification of funding sources will also be completed as part of the activities. DNR will complete water quality monitoring in the streams to track water quality changes under existing monitoring protocols using separate funding sources.	Wdnr	5/23/2009	

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Sugar Pecatonica River Basin TMDLs 875300	Total Maximum Daily Loads (TMDLs) for sediment address sedimentation and degraded habitat impairment conditions in the above 20 streams. Final TMDL Report. TMDLs for Sediment Impaired Streams in the Sugar-Pecatonica River Basin. June 28, 2005.	WDNR WES, Tmdl Swat Team	6/28/2005	
USEPA Decision Document for the Approval of the Sugar Pecatonica TMDL 875300	After a full and complete review, USEPA finds that the TMDLs for the Sugar-Pecatonica River Basin satisfy all of the elements of approvable TMDLs. This document addresses a total of 23. TMDLs for 23 waterbody segments with a total of 52 impairments from the 2004 Wisconsin 303(d) list.	USEPA	8/24/2005	

### Budget

**Combined Budgets:**

**Combined WSLH:**

**Combined Total:** \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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