

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: SP03_WTPLAN

Name: Lower East Branch Pecatonica (SP03) Watershed Planning

Type: Water Quality Planning

Subtype: Targeted Watershed Plans

Status: COMPLETE

Start Date: 7/1/2009

End Date: 6/30/2010

Purpose: The Lower East Branch Pecatonica River Watershed straddles northwest Green County and northeast Lafayette County and encompasses a drainage area of about 145 square miles. Agriculture dominates the landscape, making up 75% of the land cover in the watershed. Broadleaf deciduous woods and grasslands make up the balance of the land cover. Some high quality wetlands exist along the East Branch Pecatonica River, including oxbow lakes, shallow water marsh, lowland forest, and southern sedge meadow wetland complexes. Blanchardville and Argyle are the only concentrated population centers in the watershed which contains over 180 miles of streams. Segments of five streams (Apple Branch, Braezels Branch, Cherry Branch, Dougherty Creek, and Jockey Hollow Creek) are on the state's 303(d) list of impaired waters - all due to habitat loss from sedimentation. All or segments of 6 streams (Apple Branch, Dougherty Creek, Erickson Creek, Mud Branch, Sawmill Creek, and Whiteside Creek) are designated as Class II trout waters (WDNR, 2003).

Objective:

Comments:

Outcome:

Study Design: Watershed specified for planning and assessment purposes. Assessment of water quality condition in this respective county will use protocols described in WisCALM of the year of assessment. Minimum assessment work includes biological data (macroinvertebrates, fish indices), chemistry and habitat data. Additional work includes identification of priorities and goals, creating recommendations for actions, and updating narratives for watersheds and waterbodies. Assessments are to be double checked by at least one additional biologist.

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
AMRHEIN, JAMES F	COORDINATOR	COMPLETE	7/1/2009	6/30/2010	Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor Watershed (Status,Sources,Impairments)	Lower East Branch Pecatonica Watershed assessment (surveyed in 07/08). UWSP will develop a SWAT watershed model for the Mill Creek watershed located in Central Wisconsin. Mill Creek is on the state 303d list of impaired waters for excessive nutrients and DO problems. The SWAT and Snap-Plus models will be used to link land use in the watershed to water quality in the stream. The model will be developed using land use and water quality monitoring data to provide citizens and agencies necessary information to develop a TMDL.	7/1/2009	6/30/2010	COMPLETE

8/28/2024

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Water Quality Planning		7/1/2009	6/30/2010	IN_PROGRESS
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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
897800	1	E. Br. Pecatonica River	East Branch Pecatonica River

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
Fish survey data from SP03 waters Appendix A - Other Sites	2004, 2007-08 Fish survey data from SP03 waters.	Jim Amrhein	12/18/2009	
Lower East Branch Assessment 2007 ? 2008		Amrhein, James	3/6/2010	
Lower East Branch Pecatonica River (SP03) Goals and Priorities Image	SP03 Goals and Priorities Image		12/23/2011	
Lower East Branch Pecatonica River Watershed (SP03) Draft Water Quality Management Plan	SP03 Draft Watershed Plan	Amrhein, James	12/23/2011	
Lower East Branch Pecatonica Rivers Watershed (SP03) Ecological Landscapes Map			7/22/2011	
Lower East Branch Pecatonica Rivers Watershed (SP03) Impaired Waters Map			7/22/2011	
Lower East Branch Pecatonica Rivers Watershed (SP03) Learn More Image			7/25/2011	

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Lower East Branch Pecatonica Rivers Watershed (SP03) Map			7/25/2011	
Lower East Branch Pecatonica Rivers Watershed (SP03) WAG	Watershed at a Glance	WQ PROGRAM	7/28/2011	
SP03 Macroinvertebrate IBI Report 2010	SP03 watershed mIBI report generated in WATERS	Pracheil, Chris	10/11/2011	
Watershed-At-A-Glance SP03		Emerson, Jordan	6/21/2011	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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