

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: NKE56

Name: Lower Big Eau Pleine River PWS Plan -Nine Key Element Plan

Type: Water Quality Planning

Subtype: Priority Watershed Plan

Status: COMPLETE

Start Date: 10/1/1993

End Date: 12/31/2012

Purpose: The Lower Big Eau Pleine River Watershed is a 139 square-mile drainage basin located approximately 15 miles southwest of the city of Wausau (population 37,000) in central Wisconsin. The selection of this watershed complements the Upper Big Eau Pleine River Watershed Priority Watershed Project which began in 1984. Together they cover the entire drainage area to the Big Eau Pleine Reservoir, an eutrophic impoundment. The reservoir is operated by the Wisconsin Valley Improvement Company for flood control and as a source of water for low flow augmentation of the Wisconsin River. The outlet is directly connected to Lake Du Bay and the Wisconsin River. The Lower Big Eau Pleine Watershed is within the Upper Wisconsin River, Central sub-basin.

The Lower Big Eau Pleine River Priority Watershed Project plan assesses the nonpoint sources of pollution in the Lower Big Eau Pleine River Watershed and guides the implementation of nonpoint source control measures. These control measures are needed to meet specific water resource objectives for Lower Big Eau Pleine River and its tributaries. The purpose of this project is to reduce the amount of pollutants originating from nonpoint sources that reach surface water and groundwater within the Lower Big Eau Pleine River Priority Watershed Project area.

Objective: The primary objective of the project is to reduce nonpoint source pollution to the surface water and groundwater, and to enhance and protect the water quality of streams in the Lower Big Eau Pleine River Watershed.

Water Resources Objectives for the Big Eau Pleine River:

- 1) Meet recreational use standards: reduce the periodic bacterial levels to less than 400 colonies/100 ml
- 2) Improve water quality: reduce nutrient, sediment and organic matter delivery to the river and Big Eau Pleine Reservoir and stabilize streambanks at critical locations to reduce instream sedimentation
- 3) Improve warm water fishery habitat (increase game fish and intolerant species numbers) in the Big Eau Pleine River: reduce sediment, nutrient and organic loading from watershed streams

Comments:

Outcome: Management actions are described in terms of Best Management Practices (BMPs) needed to control nonpoint sources to the pollutant levels described in the report. The Marathon County LCD will contact all landowners eligible to receive cost-share funds during project implementation and assist with BMP implementation.

Study Design: <http://dnr.wi.gov/topic/nonpoint/documents/9kep/expired/LowerBigEauPleineRiver.pdf>

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
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Project Statuses

Date	Reported By	Status	Comments
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Actions

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Action	Detailed Description	Start Date	End Date	Status
	Lower Big Eau Pleine River PWS Plan -Nine Key Element Plan - The Lower Big Eau Pleine River Priority Watershed Project plan assesses the nonpoint sources of pollution in the Lower Big Eau Pleine River Watershed and guides the implementation of nonpoint source control measures. These control measures are needed to meet specific water resource objectives for Lower Big Eau Pleine River and its tributaries. The purpose of this project is to reduce the amount of pollutants originating from nonpoint sources that reach surface water and groundwater within the Lower Big Eau Pleine River Priority Watershed Project area. https://dnr.wi.gov/topic/nonpoint/documents/9kep/expired/LowerBigEauPleineRiver.pdf	10/1/1993	12/31/2012	COMPLETE
Nine Key Element Plan	Lower Big Eau Pleine River PWS Plan -Nine Key Element Plan - The Lower Big Eau Pleine River Priority Watershed Project plan assesses the nonpoint sources of pollution in the Lower Big Eau Pleine River Watershed and guides the implementation of nonpoint source control measures. These control measures are needed to meet specific water resource objectives for Lower Big Eau Pleine River and its tributaries. The purpose of this project is to reduce the amount of pollutants originating from nonpoint sources that reach surface water and groundwater within the Lower Big Eau Pleine River Priority Watershed Project area. https://dnr.wi.gov/topic/nonpoint/documents/9kep/expired/LowerBigEauPleineRiver.pdf	10/1/1993	12/31/2012	COMPLETE

Details: Parameter	Value/Amount	Units	Comments
BMP Implementation			
Degraded Biological Community			
I & E Activities			
Permit Modification			
Products Developed: Stormwater Plan			
Report Writeup			
Stormwater Goals Addressed: Reduce TSS			
Streambank & Shoreline Protection: Pollutant load reduction			
Total Nitrogen			
Total Phosphorus			
Total Suspended Solids			
Watershed Outreach, Planning			

Monitoring Stations

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Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
1427200	4	Big Eau Pleine River	Big Eau Pleine 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
Nonpoint Source Control Plan for the Lower Big Eau Pleine River Watershed	The Lower Big Eau Pleine River Priority Watershed Project plan assesses the nonpoint sources of pollution in the Lower Big Eau Pleine River Watershed and guides the implementation of nonpoint source control measures. These control measures are needed to meet specific water resource objectives for Lower Big Eau Pleine River and its tributaries. The purpose of this project is to reduce the amount of pollutants originating from nonpoint sources that reach surface water and groundwater within the Lower Big Eau Pleine River Priority Watershed Project area. https://dnr.wi.gov/topic/nonpoint/documents/9kep/expired/LowerBigEauPleineRiver.pdf	Charlotte H. Haynes	10/1/1993	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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