

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** NKE4

**Name:** Branch River PWS Plan - Nine Key Element Plan

**Type:** Water Quality Planning

**Subtype:** Priority Watershed Plan

**Status:** COMPLETE

**Start Date:** 2/1/1996

**End Date:** 12/31/2017

**Purpose:** The purpose of the Nonpoint Source Control Plan developed for this project is to assess the nonpoint pollutants in the Branch River Priority Watershed and guide the implementation of control measures. Nonpoint source control measures are needed to meet very specific water resource objectives designed to protect and enhance the surface and groundwater in the watershed. The predominant sources of nonpoint pollutants in the Branch River Watershed originate from croplands and animal lots, primarily in the form of excess phosphorus, nitrogen and sediment. Barnyards and cropland combined account for an estimated 93 percent of the total phosphorus and 81 percent of total sediment delivered to surface water in the watershed. Secondary sources of nonpoint pollutants in the Branch River Watershed originate from gully and streambank erosion, primarily in the form of sediment deposition to the stream. Streambank and gully erosion account for an estimated 19 percent of the total sediment and 8 percent of the total phosphorus load to surface water in the project area.

**Objective:** The primary objectives of the project are: 1) To reduce overall sediment delivered to streams in the Branch River Watershed by 25 percent 2) To reduce overall phosphorus delivered to streams in the Branch River Watershed by 28 percent 3) To protect and enhance the groundwater resource in the Branch River Watershed 4) To improve aquatic habitat through reduced stream temperatures and stabilize stream flow 5) To develop community action that fosters change the promotes long term improvement and protection of the Branch River Watershed resources.

**Comments:**

**Outcome:** The Manitowoc and Brown County LCDs will contact all landowners who are eligible to receive cost-share funds during the project's implementation. Specific sites or areas within the watershed project are designated as either "critical," "eligible," or "ineligible." Designation as a critical site indicated that controlling that specific source is necessary if the pollutant reduction goals for the project are to be met. The Manitowoc and Brown County LCDs will assist in applying BMPs.

**Study Design:** [http://dnr.wi.gov/topic/nonpoint/documents/9kep/Branch\\_River-Plan.pdf](http://dnr.wi.gov/topic/nonpoint/documents/9kep/Branch_River-Plan.pdf)

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Nine Key Element Plan	Branch River PWS Plan - Nine Key Element Plan - The purpose of the Nonpoint Source Control Plan developed for this project is to assess the nonpoint pollutants in the Branch River Priority Watershed and guide the implementation of control measures. Nonpoint source control measures are needed to meet very specific water resource objectives designed to protect and enhance the surface and groundwater in the watershed.	2/1/1996	12/31/2017	COMPLETE

Wisconsin Department of Natural Resources  
SWIMS Project Summary

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

Station ID	Name	Comments
------------	------	----------

Assessment Units

WBIC	Segment	Local Name	Official Name
------	---------	------------	---------------

Lab Account Codes

Account Code	Description	Start Date	End Date
--------------	-------------	------------	----------

Forms

Form Code	Form Name
-----------	-----------

Methods

Method Code	Method Description
-------------	--------------------

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
------------	--------	----------	------------	--------------

Documents

Title	Description	Author	Published	Comments
Nonpoint Source Control Plan for the Branch River Priority Watershed Project	<a href="http://dnr.wi.gov/topic/nonpoint/documents/9kep/Branch_River-Plan.pdf">http://dnr.wi.gov/topic/nonpoint/documents/9kep/Branch_River-Plan.pdf</a>		2/1/1996	

Budget

7/25/2024

Wisconsin Department of Natural Resources  
SWIMS Project Summary

Combined Budgets:  
Combined WSLH:  
Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date