

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: NKE45

Name: Dunlap Creek PWS Plan - Nine Key Element Plan

Type: Water Quality Planning

Subtype: Priority Watershed Plan

Status: COMPLETE

Start Date: 1/1/1994

End Date: 12/31/2014

Purpose: The Dunlap Creek Priority Watershed Project plan assesses the nonpoint sources of pollution in the Dunlap Creek Watershed and guides the implementation of nonpoint source control measures. These control measures are needed to meet specific water resource objectives for Dunlap Creek 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 Dunlap Creek 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 Dunlap Creek Watershed. 36% of the sediment annually deposited in streams comes from agricultural upland erosion. 17% of the sediment reaching streams originates from streambank erosion. 47% of the total sediment originates from gully erosion.

Comments:

Outcome: The plan calls for 30% reduction in sediment reaching streams from agricultural uplands, 42% reduction in streambank sediment delivered to the creek and 94% overall repair of streambank habitat, 36% reduction in organic pollutants from barnyards, and 60% reduction in gully sediment delivered to the creek.

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

Action	Detailed Description	Start Date	End Date	Status
Nine Key Element Plan	Dunlap Creek PWS Plan - Nine Key Element Plan - The Dunlap Creek Priority Watershed Project plan assesses the nonpoint sources of pollution in the Dunlap Creek Watershed and guides the implementation of nonpoint source control measures. These control measures are needed to meet specific water resource objectives for Dunlap Creek and its tributaries.	1/1/1994	12/31/2014	COMPLETE

Details: Parameter	Value/Amount	Units	Comments
BMP Implementation			
Degraded Biological Community			
I & E Activities			
Permit Modification			

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Details: Parameter	Value/Amount	Units	Comments
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
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Assessment Units

WBIC	Segment	Local Name	Official Name
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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 Dunlap Creek Priority Watershed Project	The Dunlap Creek Priority Watershed Project plan assesses the nonpoint sources of pollution in the Dunlap Creek Watershed and guides the implementation of nonpoint source control measures. These control measures are needed to meet specific water resource objectives for Dunlap Creek and its tributaries. https://dnr.wi.gov/topic/nonpoint/docu ments/9kep/expired/DunlapCreek.pdf	Karen Rahmeier	1/1/2014	

Budget

8/28/2024

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Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date