

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** NKE37  
**Name:** Upper Duck Creek PWS Plan - Nine Key Element Plan  
**Type:** Water Quality Planning  
**Subtype:** Nine Key Element Plan  
**Status:** ACTIVE  
**Start Date:** 05/01/2016  
**End Date:** 12/31/2026  
**Purpose:** The Upper Duck Creek Watershed is a subwatershed of the Lower Fox River Basin and is located in east central Wisconsin in Outagamie County. Duck Creek starts in the Town of Black Creek, flows through the Town of Center, Osborn, Freedom, and Oneida before flowing into the Bay of Green Bay in Hobart. Excessive sediment loads and increased algal blooms in the Lower Fox River and Bay of Green Bay prompted the need for action to be taken in the Lower Fox River Basin. A Total Maximum Daily Load was approved for the Lower Fox River and Lower Green Bay and its tributaries in 2012. The development of implementation plans for the subwatersheds of the Lower Fox River Basin are necessary to meet the assigned daily loads of the TMDL.  
**Objective:** Goal #1: Improve surface water quality to meet the TMDL limits for total phosphorus and sediment.  
 Goal #2: Increase citizens' awareness of water quality issues and active participation in stewardship of the watershed.  
 Goal #3: Reduce runoff volume and flood levels during peak storm events.  
**Comments:**  
**Outcome:** Recommended Management Practices: Reduced Tillage Methods (Strip/Zone till, No till, Mulch till), Cover Crops, Vegetated Buffers, Wetland Restoration, Grassed Waterways, Nutrient Management, Vertical Manure Injection, Exploring new technologies/practices (soil amendments, tile drainage water management, phosphorus removal structures, etc). Education and Information Recommendations: Provide educational workshops and tours on how to implement best management practices, Engage landowners in planning and implementing conservation on their land and ensuring they know what technical tools and financial support is available to them, Provide information on water quality and conservation practices to landowners in the watershed area, Newsletters and/or webpage with watershed project updates and other pertinent conservation related information.  
**Study Design:** <https://dnr.wi.gov/topic/nonpoint/documents/9kep/UpperDuckCreekPlan.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	End Date	Status
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## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Nine Key Element Plan	Upper Duck Creek PWS Plan - Nine Key Element Plan - The Upper Duck Creek Watershed is a subwatershed of the Lower Fox River Basin and is located in east central Wisconsin in Outagamie County. Duck Creek starts in the Town of Black Creek, flows through the Town of Center, Osborn, Freedom, and Oneida before flowing into the Bay of Green Bay in Hobart. Excessive sediment loads and increased algal blooms in the Lower Fox River and Bay of Green Bay prompted the need for action to be taken in the Lower Fox River Basin. A Total Maximum Daily Load was approved for the Lower Fox River and Lower Green Bay and its tributaries in 2012. The development of implementation plans for the subwatersheds of the Lower Fox River Basin are necessary to meet the assigned daily loads of the TMDL.	05/01/2016	12/31/2026	IN_PROGRESS

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
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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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## Wisconsin Department of Natural Resources SWIMS Project Summary

### Methods

Method Code	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
Upper Duck Creek Nonpoint Source Watershed Implementation Plan	The Upper Duck Creek Watershed is a subwatershed of the Lower Fox River Basin and is located in east central Wisconsin in Outagamie County. Duck Creek starts in the Town of Black Creek, flows through the Town of Center, Osborn, Freedom, and Oneida before flowing into the Bay of Green Bay in Hobart. Excessive sediment loads and increased algal blooms in the Lower Fox River and Bay of Green Bay prompted the need for action to be taken in the Lower Fox River Basin. A Total Maximum Daily Load was approved for the Lower Fox River and Lower Green Bay and its tributaries in 2012. The development of implementation plans for the subwatersheds of the Lower Fox River Basin are necessary to meet the assigned daily loads of the TMDL. <a href="https://dnr.wi.gov/topic/nonpoint/documents/9kep/UpperDuckCreekPlan.pdf">https://dnr.wi.gov/topic/nonpoint/documents/9kep/UpperDuckCreekPlan.pdf</a>	Outagamie County Land Conservation Department	01/01/2016	

### Budget

Combined Budgets:  
 Combined SLOH:  
 Combined Total:

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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