

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: Carpenter Creek TMDL ATTAINS
Name: Carpenter Creek (Waushara Co) TMDL
Type: TMDL/303d Projects
Subtype: Implement TMDL
Status: ACTIVE
Start Date: 12/13/2004
End Date: 03/10/2099
Purpose: Carpenter Creek is 6.0 miles in length. This stream flows in a southerly direction before emptying into the Pine River. The creek and its watershed are entirely in Waushara County. Carpenter Creek is located within the Carpenter Creek subwatershed, one of 12 subwatersheds that make up the Pine River Willow Creek Watershed of the Wolf River Basin. The 12.7 square mile drainage area to Carpenter Creek is 42% of the area of Carpenter Creek subwatershed as described in the Pine River/ Willow Creek Priority Watershed Project.
Objective: This Total Maximum Daily Load (TMDL) for sediment addresses sedimentation and degraded habitat impairment conditions in Carpenter Creek, a tributary to the Pine River.

Excessive runoff and erosion of solids and hydrologic loadings contribute to the increase in sedimentation in Carpenter Creek. Sedimentation reduces the suitable habitat for fish and macroinvertebrate communities. Filling-in of pools reduces the amount of available cover for juvenile and adult fish. Sedimentation of riffle areas reduces the reproductive success of fish by reducing the exposed gravel substrate necessary for appropriate spawning conditions. Sedimentation also affects macroinvertebrate biomass (fish food source) which tends to be lower in areas with predominantly sand substrate than a stream substrate with a mix of gravel, rubble and sand.

The TMDL identifies load allocations and management actions that will restore the biological integrity of this stream. Carpenter Creek is identified as high priority water in the 2002 and 2004 303(d) list.

Carpenter Creek is part of a larger watershed project, the Pine River/ Willow Creek Priority Watershed Project.

As part of a financing plan for priority watershed projects, long-term state cost-sharing and local staff funding was committed to the Pine River/ Willow Creek Priority Watershed Plan.

Comments:

Outcome: Reduce excess sediment and total suspended solids and restore degraded habitat.

WDNR has determined that the reductions in sediment will achieve the water quality target of establishing the appropriate cold water community in Carpenter Creek.

Study Design:

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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Action	Detailed Description	Start	End Date	Status
ATTAINS TMDL	Carpenter Creek is 6.0 miles in length. This stream flows in a southerly direction before emptying into the Pine River. The creek and its watershed are entirely in Waushara County. Carpenter Creek is located within the Carpenter Creek subwatershed, one of 12 subwatersheds that make up the Pine River Willow Creek Watershed of the Wolf River Basin. The 12.7 square mile drainage area to Carpenter Creek is 42% of the area of Carpenter Creek subwatershed as described in the Pine River/ Willow Creek Priority Watershed Project.	12/13/2004	03/10/2099	IN_PROGRESS
Details:	Parameter	Value/Amount	Units	Comments
	Total Phosphorus			
	Total Suspended Solids			
TMDL Implementation	Carpenter Creek is 6.0 miles in length. This stream flows in a southerly direction before emptying into the Pine River. The creek and its watershed are entirely in Waushara County. Carpenter Creek is located within the Carpenter Creek subwatershed, one of 12 subwatersheds that make up the Pine River Willow Creek Watershed of the Wolf River Basin. TMDL for sedimentation and degraded habitat in the Carpenter Creek watershed.	12/14/2004		IN_PROGRESS
TMDL Development	TMDL Development for Carpenter Creek in Waushara County, WI.	12/14/2004	12/14/2004	COMPLETE
TMDL (USEPA) Approved	Carpenter Creek is 6.0 miles in length. This stream flows in a southerly direction before emptying into the Pine River. The creek and its watershed are entirely in Waushara County. Carpenter Creek is located within the Carpenter Creek subwatershed, one of 12 subwatersheds that make up the Pine River Willow Creek Watershed of the Wolf River Basin.	12/14/2004	12/14/2004	COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
248800	1	Carpenter Creek	Carpenter Creek

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	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
Carpenter Creek 248800_11188 Sediment TMDL		WDNR	11/12/2004	
USEPA Decision Document for the Approval of the Carpenter Creek TMDL 248800		USEPA	12/13/2004	
Waushara County Waters	Waushara County Waters	Online	03/14/2017	

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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