

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: SCR_05_CMP09

Name: Little Bear Creek (1234700) 303(d) Evaluation

Type: TMDL/303d Projects

Subtype: Identify Impaired Waters

Status: COMPLETE

Start Date: 7/1/2008

End Date: 6/30/2009

Purpose: Collect additional data 303 d evaluation and to determine if the stream has the potential to reach the attainable use listing of Cold water. Little Bear Creek is located in Sauk and Richland Counties.

Objective: Project Justification: The project is necessary for accurate assessment of whether the stream should be included in the 303 d list, to assess use designation, and determine if it has the potential as a cold water stream for trout. Fish IBI survey in 2007 indicated poor coldwater IBI at two stream sites. However, one site, sampled in August not enough fish collected for proper IBI evaluation because of overhanging vegetation in a stream less than 1.5 m wide average. A third evaluation site is also necessary since the stream is 8.0 miles in length. Observations recorded during fish & macroinvert collections were that there was historical dredging, a lack of in-stream habitat and cover, excessive sediment, and in some areas heavy agricultural practices on the stream banks. At site 2 there is a large CAFO that has a pit that leaked into a wetland adjacent to the stream in 2007.

Comments: Project Category 2: 303(d) Impaired Waters List

Outcome: Performance Measures: 1) 3 sites in 8.0 stream miles2) 10 trips; collect fish, water chem, habitat & Sonde temp/DO 3) Sample collection complete: 11/10/20084) Data entry date: 01/30/20095) Report completion: 02/28/2009Project has resulted in submission of 6.77 stream miles proposed to be placed on the 2010 impaired waters list. Summary Report available on-line in the Bear Creek Watershed Report.

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
UNMUTH, JEAN M	COORDINATOR	COMPLETE	5/8/2008	1/15/2020	Wisconsin DNR	

Project Statuses			
Date	Reported By	Status	Comments
3/14/2008	JEAN UNMUTH	Progress: 0-25% Complete	Project began in 2007. Macroinvertebrate sampling completed at two sites. One IBI properly completed at one site.
12/17/2010	JEAN UNMUTH	Complete	Project has resulted in submission of 6.77 stream miles proposed to be placed on the 2010 impaired waters list.
12/20/2010	JEAN UNMUTH	Complete	Summary Report available on-line in the Bear Creek Watershed Report

Actions				
Action	Detailed Description	Start Date	End Date	Status
Monitor or Propose 303(d) Listing	Collect additional data 303 d evaluation and to determine if the stream has the potential to reach the attainable use listing of Cold water. Little Bear Creek is located in Sauk and Richland Counties.	7/1/2008	6/30/2009	COMPLETE

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Monitor or Propose 303(d) Listing	Collect additional data 303 d evaluation and to determine if the stream has the potential to reach the attainable use listing of Cold water. Little Bear Creek is located in Sauk and Richland Counties.	7/1/2008	6/30/2009	COMPLETE
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Details: Parameter	Value/Amount	Units	Comments
Total Nitrogen			
Total Phosphorus			
Total Suspended Solids			

Monitoring Stations

Station ID	Name	Comments
10021057	Little Bear Creek At Cth. B Fire #E3298 Ishmael	
10021319	Little Bear Creek-2nd Bridge near 33311 Cth B	

Assessment Units

WBIC	Segment	Local Name	Official Name
1234700	1	Little Bear Creek	Little Bear Creek

Lab Account Codes

Account Code	Description	Start Date	End Date
WT098	WATER QUALITY SPECIAL PROJECTS	7/1/2008	6/30/2009

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
6/20/2008 10:00	COMPLETE	TIDBIT-SONDES	10021319	Little Bear Creek-2nd Bridge near 33311 Cth B
6/20/2008 11:00	COMPLETE	TIDBIT-SONDES	10021057	Little Bear Creek At Cth. B Fire #E3298 Ishmael
7/19/2008 14:00	COMPLETE	TIDBIT-SONDES	10021057	Little Bear Creek At Cth. B Fire #E3298 Ishmael
8/15/2008 17:00	COMPLETE	SONDES	10021319	Little Bear Creek-2nd Bridge near 33311 Cth B
8/15/2008 17:00	COMPLETE	TIDBIT-SONDES	10021057	Little Bear Creek At Cth. B Fire #E3298 Ishmael

Documents

Title	Description	Author	Published	Comments
LITTLE BEAR 303(D) EVALUATION BUDGET		Jean Unmuth	3/25/2008	
LITTLE BEAR CREEK 2010 IW DOCUMENTATION		Unmuth, Jean	10/23/2009	

7/27/2024

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LITTLE BEAR CREEK 2010 IW DOCUMENTATION DATASET		Unmuth, Jean	10/23/2009	
Little Bear Creek 2012 TP Package Results for IW Listing	Impaired Waters Documentation	Nicole Clayton	6/8/2011	
Little_Bear_Creek_WBIC_123 4700_fIBI_2012_Impairment_Assessment_Documentation	Impaired Waters Documentation	Aaron Larson	8/2/2011	
Little_Bear_Creek_WBIC_204 8000_fIBI_2012_Impairment_Assessment_Documentation	Impaired Waters Documentation	Aaron Larson	8/2/2011	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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