

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: WCR_09_CMP09
Name: Dredging Evaluation of Ditch 6 (South Branch of 10-mile) WCR_09_09
Type: TMDL/303d Projects
Subtype: Identify Impaired Waters
Status: COMPLETE
Start Date: 07/01/2008
End Date: 06/30/2009
Purpose: The purpose of this project is to evaluate dredging practices on Ditch 6 in the Portage County Drainage District. This ditch is a coldwater trout stream with excellent reproduction. The Drainage district is excavating/dredging as part of maintenance. There is some evidence that this dredging is having adverse impacts. No studies have been done to evaluate the immediate impact dredging has on salmonids and water quality.
Objective: The objective of this study is to evaluate the impact of dredging on a coldwater fishery. Field tests show DO concentrations below the lethal limit for salmonids downstream of active dredging. Suspended solids are extremely high, but have never been properly evaluated. Along with water quality, flow characteristics will be evaluated to determine the difference in flow before and after dredging. The net change in flow has not been evaluated to see if in fact, dredging increases flow.
Comments: Project Category 4: New Projects
Outcome: 1) Number of sample sites associated with the project
 2 sites with 4 samples each.
 2) Number of sampling events associated with project.
 8
 3) Estimated date when sample collection will be complete.
 TBD according to dredging activities of District
 4) Estimated date when all data will be entered into appropriate database.
 Immediately, as lab results are completed they will be entered into SWIMS.
 5) Estimated date when final report will be complete.
 June 2009
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Provost, Scott M	PROJECT_LEAD	COMPLETE	07/01/2008	06/30/2009		

Project Statuses

Date	Reported By	Status	Comments
03/18/2008	Scott Provost	Progress: 0-25% Complete	Nothing has been started.
02/26/2012	MOLLI MACDONALD	Complete	

Actions

Action	Detailed Description	Start	End Date	Status
Monitor Targeted Area	The purpose of this project is to evaluate dredging practices on Ditch 6 in the Portage County Drainage District. This ditch is a coldwater trout stream with excellent reproduction. The Drainage district is excavating/dredging as part of maintenance. There is some evidence that this dredging is having adverse impacts.	07/01/2008	06/30/2009	COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Station ID	Name	Comments
10020613	Clear Creek at Cty Hwy O	
503165	Ditch - Ditch No 6 At Cth F	
10009199	Ditch 5 / N Branch 10 Mile Creek Cth F / Mill Rd Site 12	
10009195	S. Bend Tenmile Creek Townline Rd Site 6	
10029075	South Branch Tenmile Creek - Ditch 6 downstream of dredging.	

Assessment Units

WBIC	Segment	Local Name	Official Name
1383200	1	Ditch #6 (Grant S & Pine Grove Tnshp)	South Branch Tenmile Creek
1383200	2	Ditch #6 (Grant S and Pine Grove Tnshp)	South Branch Tenmile Creek
1384600	1	Ditch #5 (N.Br. Tenmile Creek)	Ditch # 5
1697800	1	Clear Creek	Clear Creek

Lab Account Codes

Account Code	Description	Start Date	End Date
WT098	WATER QUALITY SPECIAL PROJECTS	07/01/2008	06/30/2009

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
08/21/2008 11:30	COMPLETE	DITCH6DRED	10029075	South Branch Tenmile Creek - Ditch 6 downstream of dredging.
08/21/2008 12:37	COMPLETE	D6UP	10009195	S. Bend Tenmile Creek Townline Rd Site 6
08/21/2008 13:27	COMPLETE	D6DS	503165	Ditch - Ditch No 6 At Cth F
08/21/2008 13:41	COMPLETE	D5	10009199	Ditch 5 / N Branch 10 Mile Creek Cth F / Mill Rd Site 12
09/02/2008 12:30	COMPLETE	DITCH 5	10009199	Ditch 5 / N Branch 10 Mile Creek Cth F / Mill Rd Site 12
09/02/2008 13:00	COMPLETE	D6CTHF	503165	Ditch - Ditch No 6 At Cth F
09/02/2008 14:15	COMPLETE	D6DREDGE	10029075	South Branch Tenmile Creek - Ditch 6 downstream of dredging.
09/02/2008 14:30	COMPLETE	D6UP	10009195	S. Bend Tenmile Creek Townline Rd Site 6

Documents

Title	Description	Author	Published	Comments
DITCH 6 DREDGING EVALUATION	This is for Ditch 6, disregard "Ditch 4" name on spreadsheet title.	Scott Provost	03/18/2008	
Ditch 6 Project Summary Report - Findings 2010		Provost, Scott	03/08/2010	

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

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Funding

Organization	Source	Type	Amount	Start Date	End Date
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