

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: Vermont_Creek_TMDL
Name: Vermont Creek TMDL
Type: TMDL/303d Projects
Subtype: Monitor Listed Waters
Status: INACTIVE
Start Date: 08/06/2006
End Date: 12/31/2007
Purpose: Vermont Creek was identified as one of five TMDL's selected by South Central Region. This stream is currently on the 303d list for habitat and temperature with sediment being the pollutant. Vermont Creek was part of the original Black Earth Creek Priority Watershed (1986-98), it has 4.0 miles listed as impaired. That area has had a significant amount of resources allocated towards sediment reduction. Data will be compared against pre-BMP work.
Objective: What: Monitor Vermont Creek for habitat impairments caused by sedimentation. Conduct habitat surveys at three stations
  CTH KP 10011931,
  Michaelis Road, 10012507 and
  Blue Mounds Trail).
 Conduct Fish IBI's at three sites previously mentioned above.
 Collect Macroinvertebrates at four locations (CTH KP, 10011931,
  Michaelis Road, 10012507
  Blue Mounds Trail, and
  Vermont Church Road- 10012508.
 Deploy two additional Tidbits at
  Danz Road 10009346,
  STH 78.
 Meet with county to go over inventory records and past BMP work as well as sediment sources. Review USLE, RUSLE, and BARNY records.
 Conduct watershed evaluation of current crop rotations, barnyards, slopes susceptible to erosion (rill/ gully).
Comments: assessment unit: 13482
Outcome: 3. Performance Measure(s) (including sample collection, report completion date, etc.):
 Habitat HI- 3 locations listed in #1 above.
 Fish IBI's- IBI's and trout frequency data will be collected at 3 locations.
 Macroinvertebrates HBI's- collected at 4 locations listed in #1.
 Report will be generated in the winter of 2006-07.
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
AMRHEIN, JAMES F	COORDINATOR	COMPLETE	08/06/2006		Wisconsin DNR	Vermont Creek TMDL
SORGE, MICHAEL J	COORDINATOR	ACTIVE	08/06/2006		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
------	-------------	--------	----------

Actions

Action	Detailed Description	Start	End Date	Status
--------	----------------------	-------	----------	--------

Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
TMDL Monitoring	Vermont Creek was identified as one of five TMDL's selected by South Central Region. This stream is currently on the 303d list for habitat and temperature with sediment being the pollutant.	08/06/2006	12/31/2099	COMPLETE
Details:	Parameter	Value/Amount	Units	Comments
	Total Nitrogen			
	Total Phosphorus			
	Total Suspended Solids			
TMDL Implementation	Vermont Creek was identified as one of five TMDL's selected by South Central Region. This stream is currently on the 303d list for habitat and temperature with sediment being the pollutant.	08/06/2006	12/31/2099	COMPLETE
Details:	Parameter	Value/Amount	Units	Comments
	BMP Implementation			
	I & E Activities			
	PCBs			
	Permit Modification			
	Report Writeup			
	Total Nitrogen			
	Total Phosphorus			
	Total Suspended Solids			
	Watershed Outreach, Planning			

Monitoring Stations

Station ID	Name	Comments
10011931	Vermont Creek - Cty. Rd. Kp Bridge 150 M Upstream To Fenceline	
10009346	Vermont Creek At Danz Culvert (Black Earth S26)	
10009749	Vermont Creek At Dnr Parking Lot (Vermont Township Sec 13)	
10012507	Vermont Creek At Michaelis Road	
10012508	Vermont Creek At Vermont Church Road	

Assessment Units

WBIC	Segment	Local Name	Official Name
1249200	1	Vermont Creek	Vermont Creek
1249200	2	Vermont Creek	Vermont Creek

Lab Account Codes

Account Code	Description	Start Date	End Date
WT073	TMDL MONITORING	10/01/2005	09/30/2006
WT082	SPECIAL PROJECTS	07/01/2006	09/30/2007
WT086	TMDL MONITORING	10/01/2006	09/30/2007

Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload

Wisconsin Department of Natural Resources SWIMS Project Summary

Methods

Method Code	Description
FISH SURVEY BASELINE PROTOCOLS	Fish Survey Baseline Protocols 2004
HABITAT SURVEY BASELINE PROTOCOLS	Habitat Baseline Survey Quantitative 2004
MACROINVERTEBRATE BASELINE PROTOCOLS	Macroinvertebrate Baseline D-frame Kick Net 2004
DNR-FPM-SONDES2006	Multi-Parameter Continuous Meter Guidelines 2006
GRAB SAMPLE	Water Grab Sample Guidelines and Procedures 2005

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
------------	--------	----------	------------	--------------

Documents

Title	Description	Author	Published	Comments
VERMONT CREEK 303D SITE MAP	Vermont Creek 303d map from viewer with stations	Helmuth, Lisa	11/12/2006	
Vermont Creek Tmdl Monitoring Proposal Fy07	VERMONT TMDL Monitoring Proposal	Sorge, Michael	07/01/2006	VERMONT Creek TMDL MONITORING

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
--------------	--------	------	--------	------------	----------