

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: Honey Cr TMDL
Name: Honey Creek TMDL (EAP)
Type: TMDL/303d Projects
Subtype: Determine Pollutants or Impairments
Status: COMPLETE
Start Date: 08/27/2006
End Date: 12/31/2099
Purpose: Monitor Honey Creek for habitat impairment caused by sedimentation. Conduct fisheries IBI and habitat assessment Honey Creek (3 sites) and one site on each of 3 major tributaries. Conduct monthly nutrient analysis (12) of Honey Creek below WWTP outfall. Conduct watershed assessment to determine sediment sources. Conduct macroinvertebrate analysis at 6 sites.
 When: July 06-June 07
 Where: Honey Creek (3 sites); Whitehead Creek; Spring Creek; Hawthorne Creek
 Who: Jim Amrhein \0096 Water Resources Specialist

Objective: Need to complete a TMDL on the habitat impairment which is the reason the stream is on the 303(d) list. This was one of the five regional projects submitted for TMDLs as required. This project will hopefully result in corrective management actions.

Comments: spring creek: 892800 no stations listed in swims. hawthorne - 893200, no stations listed in SWIMS.

Outcome: This study will involve fisheries IBIs and habitat indices at 3 sites (to complement the 3 sites already assessed) as well as 1 site on each of 3 major tributaries to determine contemporary status and biological potential.

Macroinvertebrate samples (3 sites on Honey Creek and 1 on each of 3 major tributaries).

Nutrient samples downstream from the Monroe Sewerage Treatment Plant to determine if nutrient loading and resulting algal growth is affecting habitat and biota.

Report summarizing findings to be completed by March, 2008

Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
AMRHEIN, JAMES F	COORDINATOR	ACTIVE	08/27/2006		Wisconsin DNR	
SORGE, MICHAEL J	TEAM_MEMBER	ACTIVE	11/11/2006		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
TMDL Monitoring	Monitor Honey Creek (892300) for habitat impairment caused by sedimentation. Conduct fisheries IBI and habitat assessment Honey Creek (3 sites) and one site on each of 3 major tributaries. Conduct monthly nutrient analysis (12) of Honey Creek below WWTP outfall. Conduct watershed assessment to determine sediment sources. Conduct macroinvertebrate analysis at 6 sites.	08/27/2006	12/31/2099	IN_PROGRESS

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Action	Detailed Description	Start	End Date	Status
Monitor or Propose 303(d) Listing	Monitor Honey Creek for habitat impairment caused by sedimentation. Conduct fisheries IBI and habitat assessment Honey Creek (3 sites) and one site on each of 3 major tributaries. Conduct monthly nutrient analysis (12) of Honey Creek below WWTP outfall. Conduct watershed assessment to determine sediment sources. Conduct macroinvertebrate analysis at 6 sites.	08/27/2006	12/31/2099	COMPLETE
Details:	Parameter	Value/Amount	Units	Comments
	Total Nitrogen			
	Total Phosphorus			
	Total Suspended Solids			

Monitoring Stations

Station ID	Name	Comments
10020490	Hawthorne Creek - 20 M Upstream From Bethel Rd	
10014477	Honey Creek Upstream Of Melvin Rd	
233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1	
233080	Honey Creek - Franklin Rd Bridge (Rmi 7.9)	
10009518	Honey Creek At Cty Hk Bridge	
10009517	Honey Creek Upstream Patterson Rd	
10015250	Honey Creek-40 M Upstream Franklin Rd At 1st Riffle 250 M To End Gps	
10014475	Honey Creek-50m Upstream Of Cth P Bridge	
10014476	Honey Creek-Upstream Of Honey Creek Rd	
10020492	Spring Creek - 15 Meters Upstream From Cth Hk	
233095	Whitehead Creek - A Tnrd Ab Honey Cr	
233094	Whitehead Creek - BI Whitehead Ch Co	

Assessment Units

WBIC	Segment	Local Name	Official Name
875300	1	Sugar River	Sugar River
875300	2	Upper Sugar River	Sugar River
875300	6	Sugar River	Sugar River
875300	7	Sugar River	Sugar River
875500	1	Green Drainage System	Unnamed
876000	1	Local Water	Unnamed
877000	1	Spring Creek	Spring Creek
877100	1	Oakley Branch	Oakley Br
877200	1	Ok Creek	Ok Creek
877300	1	Local Water	Unnamed
877400	1	Sylvester Creek	Sylvester Creek
877400	2	Sylvester Creek	Sylvester Creek
877500	1	Juda Branch	Juda Br
877500	2	Juda Branch	Juda Br
877600	1	Riley School Branch	Riley School Br
877700	1	N. Fork Juda Branch	North Fork Juda Br
877700	2	N. Fork Juda Branch	North Fork Juda Br
878300	1	Unnamed Stream	Unnamed

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WBIC	Segment	Local Name	Official Name
878400	1	Sugar River East Channel	Sugar River -East Channel
878700	1	Norwegian Creek	Norwegian Creek
878700	2	Norwegian Creek	Norwegian Creek
878800	1	Unnamed Stream	Unnamed
878900	1	Unnamed Stream	Unnamed
879400	1	Decatur Lake	Decatur Lake
879500	1	Searles Creek	Searles Creek
879600	1	Local Water	Unnamed
879800	1	Marsh Creek	Marsh Creek
879800	2	Marsh Creek	Marsh Creek
880100	1	Little Sugar River	Little Sugar River
880100	2	Little Sugar River	Little Sugar River
880100	3	Little Sugar River	Little Sugar River
880200	1	Unnamed Trib to Little Sugar R	Unnamed
880300	1	Hammerly Creek	Hammerly Creek
880300	2	Hammerly Creek	Hammerly Creek
880400	1	Silver School Branch	Silver School Br
880500	1	Burgy Creek	Burgy Creek
880600	1	Elmer School Branch	Elmer School Br
881000	1	Unnamed Trib to Burgy Cr	Unnamed
881100	1	Unnamed Stream	Unnamed
881400	1	Little Sugar River, West Branch	West Branch Little Sugar River
881500	1	Local Water	Unnamed
881600	1	Lake Montesian	Lake Montesian
881900	1	Hefty Creek	Hefty Creek
881900	2	Hefty Creek	Hefty Creek
882000	1	Hefty Creek, South Branch	South Branch Hefty Creek
882200	1	Hefty Creek, Center Branch	Center Br Hefty Creek
882600	1	Unnamed Stream	Unnamed
882700	1	Ward Creek	Ward Creek
882700	2	Ward Creek	Ward Creek
882900	1	Legler School Branch	Legler School Br
883000	1	Spring Valley Creek	Spring Valley Creek
883000	2	Spring Valley Creek	Spring Valley Creek
883100	1	Pioneer Valley Creek	Pioneer Valley Creek
883200	1	Krieg Valley Creek	Krieg Valley Creek
883500	1	Hustad Valley Creek	Hustad Valley Creek
883700	1	Allen Creek	Allen Creek
883700	6	Allen Creek	Allen Creek
883800	1	Liberty Creek	Liberty Creek
883800	2	Liberty Creek	Liberty Creek
883800	3	Liberty Creek	Liberty Creek
883900	1	Cold Spring Creek	Cold Spring Creek
884100	1	Dunphy Branch	Dunphy Br
884200	1	Unnamed Stream	Unnamed
884800	1	Unnamed Trib to Allen Creek	Unnamed
885100	1	Local Water	Unnamed
885200	1	Gill Creek	Gill Creek

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WBIC	Segment	Local Name	Official Name
885400	1	Tipperary Creek	Story Creek
885600	1	Ross Crossing Creek	Ross Crossing Creek
885700	1	Unnamed Stream	Unnamed
889100	1	Pecatonica River	Pecatonica River
889200	1	Richland Creek	Richland Creek
889500	1	E. Br Richland Creek	East Branch Richland Creek
890600	1	Local Water	Unnamed
890700	1	Little Richland Creek	Little Richland Creek
891000	1	Local Water	Unnamed
891100	1	Local Water	Unnamed
891200	1	Local Water	Unnamed
891300	1	Twin Grove Branch	Twin Grove Br
891400	1	Local Water	Unnamed
891500	1	Local Water	Unnamed
891600	1	Local Water	Unnamed
891700	1	Local Water	Unnamed
891800	1	Local Water	Unnamed
891900	1	Local Water	Unnamed
892000	1	Local Water	Unnamed
892300	1	Honey Creek	Honey Creek
892300	2	Honey Creek	Honey Creek
892500	1	Local Water	Unnamed
892600	1	Whitehead Creek	Whitehead Creek
892700	1	Local Water	Unnamed
892800	1	Spring Creek	Spring Creek
892900	1	Local Water	Unnamed
893000	1	Local Water	Unnamed
893200	1	Hawthorne Creek	Hawthorne Creek
893300	1	Local Water	Unnamed
894100	1	Local Water	Unnamed
894200	1	Winn Creek	Winn Creek
894300	1	Local Water	Unnamed
894500	1	Skinner Creek	Skinner Creek
894600	1	Zanders Creek	Zanders Creek
894700	1	Beckman Lake	Beckman Lake
894700	2	Browntown-Cadiz Springs State Recreation Area Beach	Beckman Lake
894900	1	Zanders Lake	Zander Lake
895000	1	Jordan Creek	Jordan Creek
895000	2	Jordan Creek	Jordan Creek
895400	1	Smock Creek	Smock Creek
896200	1	Local Water	Unnamed
896500	1	Bushnell Creek	Bushnell Creek
896500	2	Bushnell Creek	Bushnell Creek
896800	1	Argus School Branch	Argus School Branch
897000	1	Unnamed Trib to Bushnell Cr	Unnamed
897300	1	Buckskin School Creek	Buckskin School Creek
898000	1	Unnamed Stream	Unnamed

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WBIC	Segment	Local Name	Official Name
899400	1	Trotter Branch	Trotter Br
899500	1	Jockey Hollow Creek	Unnamed
900700	1	Braezels Branch	Braezels Br
900700	2	Braezels Branch	Braezels Br
901000	1	Dougherty Creek	Dougherty Creek
901000	4	Dougherty Creek	Dougherty Creek
901500	1	Prairie Brook	Prairie Brook
901700	1	Unmed Tributary to dougherty Creek	Unnamed
905700	2	Brennan Creek	Brennan Creek
906000	2	Sawmill Creek	Sawmill Creek
906000	3	Sawmill Creek	Sawmill Creek
906200	1	Erickson Creek	Erickson Creek
906700	1	Local Water	Unnamed
907500	1	Brager Creek	Brager Br
907700	1	Mc Peace Valley Creek	McPeace Valley Creek
908700	2	Lee Creek (York Valley Creek)	Lee Creek
908900	1	Unnamed	Unnamed
3000108	1	Local Water	Unnamed
3000109	1	Local Water	Unnamed
3000122	1	Local Water	Unnamed
5038223	1	Unnamed Stream	Unnamed
5038452	1	Unnamed Stream	Unnamed
5038509	1	Unnamed Stream	Unnamed
5038569	1	Local Water	Unnamed
5038618	1	Local Water	Unnamed
5038721	1	Local Water	Unnamed
5038742	1	Local Water	Unnamed
5038769	1	Local Water	Unnamed
5038786	1	Unnamed Stream	Unnamed
5038788	1	Local Water	Unnamed
5038807	1	Unnamed Stream	Unnamed
5038833	1	Unnamed Stream	Unnamed
5038864	1	Local Water	Unnamed
5039171	1	Unnamed Stream	Unnamed
5039363	1	Unnamed Stream	Unnamed
5039495	1	Unnamed Stream	Unnamed
5039573	1	Unnamed Stream	Unnamed
5039582	1	Unnamed Stream	Unnamed
5039595	1	Unnamed Stream	Unnamed
5039605	1	Unnamed Stream	Unnamed
5039621	1	Unnamed Stream	Unnamed
5039640	1	Unnamed Stream	Unnamed
5039674	1	Unnamed Stream	Unnamed
5039797	1	Unnamed Stream	Unnamed
5039847	1	Unnamed Stream	Unnamed
5039986	1	Unnamed Stream	Unnamed
5040087	1	Unnamed Stream	Unnamed
5040182	1	Unnamed Stream	Unnamed

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WBIC	Segment	Local Name	Official Name
5040278	1	Unnamed Stream	Unnamed
5040625	1	Unnamed Stream	Unnamed
5040684	1	Unnamed	Unnamed
5040781	1	Unnamed Stream	Unnamed
5040825	1	Unnamed Stream	Unnamed
5041122	1	Unnamed Stream	Unnamed
5041180	1	Local Water	Unnamed
5041200	1	Local Water	Unnamed
5041276	1	Unnamed Stream	Unnamed
5041287	1	Local Water	Unnamed
5041288	1	Local Water	Unnamed
5041290	1	Local Water	Unnamed
5041327	1	Local Water	Unnamed
5041334	1	Local Water	Unnamed
5041348	1	Local Water	Unnamed
5041404	1	Local Water	Unnamed
5041482	1	Local Water	Unnamed
5041494	1	Local Water	Unnamed
5041511	1	Local Water	Unnamed
5041513	1	Local Water	Unnamed
5041528	1	Local Water	Unnamed
5041531	1	Local Water	Unnamed
5041550	1	Unnamed Stream	Unnamed
5041555	1	Local Water	Unnamed
5041578	1	Unnamed Stream	Unnamed
5041593	1	Local Water	Unnamed
5041595	1	Unnamed Stream	Unnamed
5041632	1	Unnamed Stream	Unnamed
5041634	1	Local Water	Unnamed
5041646	1	Local Water	Unnamed
5041683	1	Local Water	Unnamed
5041731	1	Local Water	Unnamed
5041735	1	Local Water	Unnamed
5041745	1	Local Water	Unnamed
5041748	1	Local Water	Unnamed
5041780	1	Local Water	Unnamed
5041804	1	Local Water	Unnamed
5041816	1	Local Water	Unnamed
5041825	1	Local Water	Unnamed
5041849	1	Local Water	Unnamed
5041852	1	Local Water	Unnamed
5041948	1	Local Water	Unnamed
5041949	1	Local Water	Unnamed
5041979	1	Local Water	Unnamed
5041999	1	Local Water	Unnamed
5042004	1	Local Water	Unnamed
5042015	1	Local Water	Unnamed
5042025	1	Local Water	Unnamed

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WBIC	Segment	Local Name	Official Name
5042044	1	Local Water	Unnamed
5042052	1	Local Water	Unnamed
5042062	1	Local Water	Unnamed
5042091	1	Local Water	Unnamed
5042114	1	Local Water	Unnamed
5042130	1	Local Water	Unnamed
5042133	1	Local Water	Unnamed
5042139	1	Local Water	Unnamed
5042167	1	Local Water	Unnamed
5042170	1	Local Water	Unnamed
5042173	1	Local Water	Unnamed
5042186	1	Local Water	Unnamed
5042203	1	Local Water	Unnamed
5042218	1	Local Water	Unnamed
5042233	1	Local Water	Unnamed
5042250	1	Local Water	Unnamed
5042267	1	Local Water	Unnamed
5042287	1	Local Water	Unnamed
5042350	1	Local Water	Unnamed
5042390	1	North Branch Otter Creek	Unnamed
5042398	1	Local Water	Unnamed
5042400	1	Local Water	Unnamed
5042406	1	Unnamed Stream	Unnamed
5578128	1	Local Water	Unnamed
5578786	1	Local Water	Unnamed
5578906	1	Local Water	Unnamed
5578933	1	Local Water	Unnamed
5579306	1	Local Water	Unnamed
5579338	1	Local Water	Unnamed
5579819	1	Local Water	Unnamed
5579838	1	Local Water	Unnamed
5579900	1	Local Water	Unnamed
5579919	1	Local Water	Unnamed
5579931	1	Local Water	Unnamed
5579947	1	Local Water	Unnamed
5580067	1	Local Water	Unnamed
5580135	1	Local Water	Unnamed
5580211	1	Local Water	Unnamed
5580219	1	Local Water	Unnamed
5580270	1	Local Water	Unnamed
5580292	1	Local Water	Unnamed
5580363	1	Local Water	Unnamed
5580378	1	Local Water	Unnamed
5580389	1	Local Water	Unnamed
5580465	1	Local Water	Unnamed
5580474	1	Local Water	Unnamed
5580529	1	Local Water	Unnamed
5580540	1	Local Water	Unnamed

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WBIC	Segment	Local Name	Official Name
5580801	1	Unnamed Lake	Unnamed

Lab Account Codes

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

Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload

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

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
11/15/2002	COMPLETE	02	10009517	Honey Creek Upstream Patterson Rd
11/15/2002	COMPLETE	03	10009518	Honey Creek At Cty Hk Bridge
07/13/2006 11:15	COMPLETE	HC-JUL-06	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1
08/14/2006 10:50	COMPLETE	HC-AUG06	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1
09/18/2006 11:14	COMPLETE	HC-SEP06	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1
10/13/2006 10:35	COMPLETE	HC-OCT06	10009517	Honey Creek Upstream Patterson Rd
11/01/2006	COMPLETE	23	10015250	Honey Creek-40 M Upstream Franklin Rd At 1st Riffle 250 M To End Gps
11/01/2006	COMPLETE	23	10014476	Honey Creek-Upstream Of Honey Creek Rd
11/01/2006	COMPLETE	23	10014475	Honey Creek-50m Upstream Of Cth P Bridge
11/15/2006 10:15	COMPLETE	HC-NOV06	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1
12/15/2006 10:50	COMPLETE	HC-DEC06	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1
01/30/2007 11:17	COMPLETE	HC-JAN07	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1
02/21/2007 11:13	COMPLETE	HC-FEB07	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1
03/19/2007	COMPLETE	HC-MAR07	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1
04/26/2007	COMPLETE	HC-APR07	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1
05/18/2007 12:55	COMPLETE	HC-MAY07	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1
06/22/2007 12:00	COMPLETE	HC-JUN07	233079	Honey Creek - A Town Rd Brg (River Mile 9.1) Rmi 9.1

Documents

Title	Description	Author	Published	Comments
HONEY CREEK (WBIC = 892300) ENVIRONMENTAL ACCOUNTABILITY PROJECT	Document summarizes the data collected on Honey Creek and tributaries from July 2006 to June 2007 as part of the TMDL (now EAP) project.	Jim Amrhein	04/10/2008	Document is a summary of the sampling conducted on Honey Creek and tributaries from July, 2006 to June, 2007 as part of the TMDL (now EAP) study.
HONEY CREEK 303D SITE MAP	honey creek 303d map	Helmuth, Lisa	11/12/2006	honey creek site

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Title	Description	Author	Published	Comments
HONEY CREEK AND HAWTHORNE CREEK GREEN COUNTY ATTAINABLE USE MAP	map of hawthorne creek near honey creek	Helmuth, Lisa	11/12/2006	hawthorne creek honey creek
HONEY CREEK FY07 MONITORING PROPOSAL	MONITORING PROPOSAL	Amrhein, James	07/01/2006	fy07 monitoring proposal
HONEY CREEK, GREEN COUNTY, MONROE STP WWTP USE DESIGNATION	Honey Creek, Green County, Monroe STP WWTP Use Designation File, Description, Recommendation and Map	Bainbridge, Thomas D.	01/04/1977	
Honey Creek Photo - 892300	Honey Creek Photo - 892300	Amrhein, James	03/01/2017	

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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