

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** SCR\_05\_CMP12  
**Name:** Rush Creek 303 d Evaluation  
**Type:** TMDL/303d Projects  
**Subtype:** Evaluate for Delisting  
**Status:** COMPLETE  
**Start Date:** 07/01/2011  
**End Date:** 06/30/2012  
**Purpose:** Rush Creek WBIC:1240100. 3 sites: Swims stations: 1022678, 10022679, and 10033902. Proposal for fieldwork to collect quantitative habitat, macroinvertebrates, flows. Monthly (May-October).  
**Objective:** 6.02 miles of Rush Creek is on the impaired waters list. Six sites were sampled for FIBI in 2007 by Fish Mngmt, and ratings were poor to very poor. Water quality, quantitative habitat, and macroinvertebrates will be sampled, and all data evaluated to determine if the stream should remain on the list.  
**Comments:** Category 2: 303(d) Impaired Waters List Project  
**Outcome:** 1) Number of sample sites associated with the project=3.  
 2) Number of sampling events associated with project=6.  
 3) Estimated date when sample collection will be complete=November 2011.  
 4) Estimated date when all data will be entered into appropriate database= February 2012, except for macroinvertebrate data.  
 5) Estimated date when final report will be complete= April 2012.  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Miller, Marcus	TEAM_MEMBER	ACTIVE	07/01/2011	10/31/2012		
SEARLE, GREGORY S	SUPERVISOR	ACTIVE	07/01/2011	06/30/2012	Wisconsin DNR	
Tackett, Thor	COORDINATOR	INACTIVE	07/01/2011	06/30/2012		
UNMUTH, JEAN M	COORDINATOR	COMPLETE	07/01/2011	06/30/2012	Wisconsin DNR	
Wolf, Russel	TEAM_MEMBER	ACTIVE	07/01/2011	10/31/2012		

### Project Statuses

Date	Reported By	Status	Comments
01/19/2011	JEAN UNMUTH	Proposed	
02/27/2012	JEAN UNMUTH	Progress: 75-100% Complete	2011 data is summarized except for macroinvertebrate evaluation. Interim report drafted. Recommend collecting additional macroinvertebrate samples at two sites to complete impaired waters evaluation, and collect May water chemistry samples to complete that dataset.
08/20/2012	JEAN UNMUTH	Progress: 75-100% Complete	All fieldwork completed except for continuous temperature monitoring to be completed by August 30, 2012
01/25/2013	JEAN UNMUTH	Progress: 75-100% Complete	All data has been entered into SWIMS except temperature data and Macroinvertebrate results from UWSP. Preliminary report written, but final report not completed.
09/17/2013	JEAN UNMUTH	Progress: 75-100% Complete	See SCR_05_CMP13, which is a continuation of this project. Macroinvertebrate data received May 2013, temperature data needs to be loaded into swims, and final report must be written. Project is off schedule. Estimated date for final report is Dec. 2013.
08/18/2014	RUTH PERSON	Complete	Final report written and attached.

### Actions

Action	Detailed Description	Start	End Date	Status
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Action	Detailed Description	Start	End Date	Status
Monitor or Propose 303(d) Listing	Rush Creek WBIC:1240100. 3 sites: Swims stations: 1022678, 10022679, and 10033902. 6.02 miles of Rush Creek is on the impaired waters list. Six sites were sampled for FIBI in 2007 by Fish Mngmt, and ratings were poor to very poor. Water quality, quantitative habitat, and macroinvertebrates will be sampled, and all data evaluated to determine if the stream should remain on the list. Monthly (May-October).	07/01/2011	06/30/2012	COMPLETE
<b>Details:</b>	<b>Parameter</b>	<b>Value/Amount</b>	<b>Units</b>	<b>Comments</b>
	Total Nitrogen			
	Total Phosphorus			
	Total Suspended Solids			
Monitor or Propose 303(d) Listing	6.02 miles of Rush Creek is on the impaired waters list. Six sites were sampled for FIBI in 2007 by Fish Mngmt, and ratings were poor to very poor. Water quality, quantitative habitat, and macroinvertebrates will be sampled, and all data evaluated to determine if the stream should remain on the list.	07/01/2011	06/30/2012	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
10022678	Rush Cr Station 1 50m Upstream Of Rush Cr Rd	
10022679	Rush Cr Station 2 50m Upstream From Lower Wyoming Bridge	
10033902	Rush Creek Upstream Weaver Rd.	

### Assessment Units

WBIC	Segment	Local Name	Official Name
1240100	1	Rush Creek	Rush Creek
1240100	2	Rush Creek	Rush Creek

### Lab Account Codes

Account Code	Description	Start Date	End Date
WT142	303D/TMDL MONITORING	05/03/2011	06/30/2012

### Forms

Form Code	Form Name
CONTINUOUS	Continuous Data Upload

### Methods

Method Code	Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
06/01/2011 12:40	COMPLETE	R1	10022679	Rush Cr Station 2 50m Upstream From Lower Wyoming Bridge
07/13/2011 09:45	COMPLETE	R1	10022679	Rush Cr Station 2 50m Upstream From Lower Wyoming

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Start Date	Status	Field ID	Station ID	Station Name
08/17/2011 12:30	COMPLETE	R1	10022679	Bridge Rush Cr Station 2 50m Upstream From Lower Wyoming Bridge
09/20/2011 10:00	COMPLETE	R1	10022679	Rush Cr Station 2 50m Upstream From Lower Wyoming Bridge
09/20/2011 11:00	COMPLETE	20110920-25-01	10022679	Rush Cr Station 2 50m Upstream From Lower Wyoming Bridge
10/11/2011	COMPLETE	20111011-25-01	10022678	Rush Cr Station 1 50m Upstream Of Rush Cr Rd
10/11/2011 10:00	COMPLETE	20111011-25-02	10033902	Rush Creek Upstream Weaver Rd.
10/31/2011 11:00	COMPLETE	R1	10022679	Rush Cr Station 2 50m Upstream From Lower Wyoming Bridge
05/23/2012 10:40	COMPLETE	R1	10022679	Rush Cr Station 2 50m Upstream From Lower Wyoming Bridge
05/24/2012 20:00	COMPLETE		10022679	Rush Cr Station 2 50m Upstream From Lower Wyoming Bridge

### Documents

Title	Description	Author	Published	Comments
2011 Fish IBI Data Summary	Rush Creek Fish IBI Graphs & Data	Jean M. Unmuth	02/15/2012	
2011 Rush Creek Report	Rush Creek Impaired waters evaluation report	Jean M. Unmuth	02/15/2012	
2011 Study Sites SWIMS Stations Map		Jean M. Unmuth	02/15/2012	
2011 Water Quality Data	Rush Creek 2011 Water Chemistry Data and Graphs	Jean M. Unmuth	02/15/2012	
2012 Rush Creek Report	Final Report includes data from 2010-2012	Jean Unmuth	04/07/2014	
2014 Impaired Waters Documentation Sheet [Rush Creek, WBIC 1240100, AU 13342]	Documentation for 303(d) listing changes.	Jean Unmuth	04/07/2014	Recommendations for delisting and new listing

### Budget

**Budget Description:**Budget for Rush Creek 303 d Evaluation SCR\_05\_CMP12 **Start Date:** 07/01/2011 **End Date:** 06/30/2012

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	70	Hours	\$0.00	\$0.00	Includes data entry, and final report
LTE SAL	LTE Salary	35	Hours		\$0.00	2 Interns from UW-Platteville
LTE FR	LTE Fringe				\$0.00	
LTE IND	LTE Indirect				\$0.00	
LTE TOT	LTE Total Cost				\$0.00	
SUPPLY	Supplies	6		\$12.00	\$72.00	Mail lab samples to SLOH
MILEAGE	Mileage		Miles	\$0.72	\$0.00	
MEAL	Meals		Meals	\$9.00	\$0.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$0.00	
BUG	Bug Contracts	3		\$165.00	\$495.00	
OTHER	Other Contracts				\$0.00	
EQUIP	Equipment				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$567.00	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
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Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I440NLD	AMMONIA (AS N), DISS (EPA 350.1)	INORGANIC CHEMISTRY	1	\$25.89	\$25.89
I460GLT	NITRATE + NITRITE (AS N) (EPA 353.2)	INORGANIC CHEMISTRY	1	\$27.00	\$27.00
I470DLT	TOTAL KJELDAHL NITROGEN (AS N) (EPA 351.2)	INORGANIC CHEMISTRY	1	\$32.99	\$32.99
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	6	\$23.60	\$141.60
I530CLD	DISS REACTIVE PHOSPHORUS AS P (ORTHO-P) (SM 4500PE)	INORGANIC CHEMISTRY	1	\$23.00	\$23.00
I650JLT	SUSPENDED SOLIDS (EPA METHOD 160.2)	INORGANIC CHEMISTRY	6	\$18.80	\$112.80

**Total SLOH Lab Costs:** \$363.28  
**Total Budget:** \$930.28

**Combined Budgets:** \$567.00  
**Combined SLOH:** \$363.28  
**Combined Total:** \$930.28

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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