

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: SCR_03_CMP12
Name: Silver Creek 303d Evaluation [SCR_03_CMP12]
Type: TMDL/303d Projects
Subtype: Evaluate for Delisting
Status: COMPLETE
Start Date: 07/01/2010
End Date: 06/30/2011
Purpose: Silver Creek is listed as 303 d water for sediment, suspended solids and total phosphorus. Data will be collected, summarized and evaluated to determine if the stream should be listed or removed from the list. This evaluation will also determine if the stream is meeting the WWFF attainable use designation. Year 1 data collection is included in this proposal Year two monitoring, which is not included in this proposal, will entail more detailed monitoring for water temperature, and to repeat the Fish IBI's and collect quantitative habitat.

Silver Creek WBIC: 1280000 will be monitored at two sites: Kinnamon Road and Schutte/Old LaValle Rd. No SWIMS stations set up yet. The proposal for fieldwork to collect fish, qualitative habitat, macroinvertebrates, monthly water quality samples for total suspended solids and phosphorus, and a single grab for ammonia, nitrogen series, kjeldahl, and ortho-P. Sondes will be used to collect DO samples. To evaluate the impaired waters listing for this 4.4 mile long stream. This is a proposal for a 2 year project, but the budget is for year one only.

Objective: Silver Creek is listed as 303 d water for sediment, suspended solids and total phosphorus. Data will be collected, summarized and evaluated to determine if the stream should be listed or removed from the list. This evaluation will also determine if the stream is meeting the WWFF attainable use designation. Year 1 data collection is included in this proposal, but year 2 data collection is not in this proposal. Year 2 will entail more detailed monitoring for water temperature, and to repeat the Fish IBI's and collect quantitative habitat.

Comments: Project Category 2: 303(d) Impaired Waters List
Continued as project SCR_05_CMP13.

Outcome: Performance Measures:
 1) Number of sample sites associated with the project = 2.
 2) Number of sampling events associated with project = 6.
 3) Estimated date when sample collection will be complete = November 2012.
 4) Estimated date when all data will be entered into appropriate database= January 2013
 5) Estimated date when final report will be complete = March 2013.

Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Miller, Marcus	TEAM_MEMBER	ACTIVE	07/01/2010	10/31/2012		
Patterson, Kevin	TEAM_MEMBER	INACTIVE	06/20/2011			
SEARLE, GREGORY S	SUPERVISOR	ACTIVE	07/01/2010	06/30/2011	Wisconsin DNR	
Tackett, Thor	TEAM_MEMBER	ACTIVE	06/20/2011			
UNMUTH, JEAN M	COORDINATOR	COMPLETE	07/01/2010	06/30/2011	Wisconsin DNR	
Wolf, Russel	TEAM_MEMBER	INACTIVE	03/01/2012	10/31/2012		

Project Statuses

Date	Reported By	Status	Comments
01/19/2011	JEAN UNMUTH	Proposed	
03/15/2012	JEAN UNMUTH	Progress: 25-50% Complete	Evaluation of all data except for macroinvertebrates is completed. Propose a 2012 study continuation to collect quantitative habitat, and fish for IBI. Sauk County will jointly cooperate and collect macroinvertebrates to be analyzed by UW-Superior. This will ensure multiple lines of evidence are available to evaluate the impaired waters listing.
08/20/2012	JEAN UNMUTH	Progress: 75-100% Complete	All fieldwork completed except for continuous monitoring to be completed by Aug. 30.

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Date	Reported By	Status	Comments
01/25/2013	JEAN UNMUTH	Progress: 50-75% Complete	Project must be extended until July 1 of 2013. A single electrofishing must be collected from Schuette Road site in spring of 2013. All other data has been collected and entered into SWIMS and FH database.
09/17/2013	JEAN UNMUTH	Progress: 75-100% Complete	See Silver Creek 303d Evaluation Continuation SCR_05_CMP13, which is a continuation of this project. Final Report and 303 d document in draft.
08/18/2014	RUTH PERSON	Progress: 75-100% Complete	Continued as project SCR_05_CMP13.

Actions

Action	Detailed Description	Start	End Date	Status
Monitor or Propose 303(d) Listing	Silver Creek is listed as 303 d water for sediment, suspended solids and total phosphorus. Data will be collected, summarized and evaluated to determine if the stream should be listed or removed from the list.	07/01/2010	06/30/2011	COMPLETE

Monitoring Stations

Station ID	Name	Comments
10033674	Silver Cr. Kinnamann Rd.	
10033676	Silver Cr. Schuette Rd.	

Assessment Units

WBIC	Segment	Local Name	Official Name
1280000	1	Silver Creek	Silver 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
06/06/2011 01:30	COMPLETE	S2	10033674	Silver Cr. Kinnamann Rd.
06/06/2011 11:00	COMPLETE	S1	10033676	Silver Cr. Schuette Rd.
06/30/2011 11:00	COMPLETE		10033674	Silver Cr. Kinnamann Rd.
07/06/2011 13:00	COMPLETE		10033676	Silver Cr. Schuette Rd.
07/13/2011 11:00	COMPLETE	S2	10033674	Silver Cr. Kinnamann Rd.
07/13/2011 11:30	COMPLETE	S1	10033676	Silver Cr. Schuette Rd.
07/19/2011 12:00	COMPLETE		10033674	Silver Cr. Kinnamann Rd.
08/18/2011 12:50	COMPLETE	S2	10033674	Silver Cr. Kinnamann Rd.
08/18/2011 13:20	COMPLETE	S1	10033676	Silver Cr. Schuette Rd.

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Start Date	Status	Field ID	Station ID	Station Name
09/19/2011 14:00	COMPLETE	20110919-57-01	10033674	Silver Cr. Kinnamann Rd.
09/19/2011 14:40	COMPLETE	S2	10033674	Silver Cr. Kinnamann Rd.
09/19/2011 16:00	COMPLETE	20110919-57-02	10033676	Silver Cr. Schuette Rd.
09/19/2011 16:30	COMPLETE	S1	10033676	Silver Cr. Schuette Rd.
10/21/2011 12:50	COMPLETE	S2	10033674	Silver Cr. Kinnamann Rd.
10/21/2011 13:00	COMPLETE	S1	10033676	Silver Cr. Schuette Rd.
05/24/2012 10:16	COMPLETE	S1	10033676	Silver Cr. Schuette Rd.
05/24/2012 11:40	COMPLETE	S2	10033674	Silver Cr. Kinnamann Rd.
07/02/2012 09:57	COMPLETE	SWMS64274637	10033674	Silver Cr. Kinnamann Rd.

Documents

Title	Description	Author	Published	Comments
Map Silver Creek	Silver Creek monitoring station locations	Jean Unmuth	01/30/2012	
Silver Creek 2011 Project Report		Jean Unmuth	03/15/2012	Propose additional monitoring in 2012 to ensure multiple lines of evidence for impaired waters delisting.

Budget

Budget Description: Budget for Silver Creek 303d Evaluation [SCR_03_CMP12] **Start Date:** 07/01/2010 **End Date:** 06/30/2011

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	60	Hours	\$0.00	\$0.00	Includes year one sampling, Data summary, intern report
LTE SAL	LTE Salary	32	Hours		\$0.00	2 UW-Platteville Interns
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	Mailing samples to SLOH
MILEAGE	Mileage	640	Miles	\$0.72	\$460.80	6 trips to the site
MEAL	Meals	8	Meals	\$4.00	\$32.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$492.80	
BUG	Bug Contracts	2		\$165.00	\$330.00	
OTHER	Other Contracts				\$0.00	
EQUIP	Equipment				\$0.00	
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$894.80	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I440NLD	AMMONIA (AS N), DISS (EPA 350.1)	INORGANIC CHEMISTRY	2	\$25.89	\$51.78
I460GLT	NITRATE + NITRITE (AS N) (EPA 353.2)	INORGANIC CHEMISTRY	2	\$27.00	\$54.00
I470DLT	TOTAL KJELDAHL NITROGEN (AS N) (EPA 351.2)	INORGANIC CHEMISTRY	2	\$32.99	\$65.98
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	2	\$23.00	\$46.00
I650JLT	SUSPENDED SOLIDS (EPA METHOD 160.2)	INORGANIC CHEMISTRY	6	\$18.80	\$112.80

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Total SLOH Lab Costs: \$472.16
Total Budget: \$1,366.96

Combined Budgets: \$894.80
Combined SLOH: \$472.16
Combined Total: \$1,366.96

Funding

Organization	Source	Type	Amount	Start Date	End Date
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