

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: ARRA_Project11 WTDK

Name: ARRA 11 Lafayette Co. TMDL Planning Grant 2P-00E73201

Type: Grant Project

Subtype: ARRA Pass Through Project

Status: COMPLETE

Start Date: 12/7/2009

End Date: 9/30/2010

Purpose: Contract for county staff to conduct on-site assessments in the Silver Spring, Cherry Branch, and Apple Branch sub-watersheds to develop TMDLs for these impaired waters.

Objective: The project will support Lafayette County staff time and travel to complete on-farm assessments in the Silver Spring, Cherry Branch and Apple Branch sub-watersheds. These streams are all impaired, and are included in the EPA-approved Sediment Impaired Streams in the Sugar-Pecatonica Basin TMDL.

Implementation of the TMDL in these watersheds is identified as a work task in the countys Land and Water Resource Management Plan. Work activities will include farm inventories to identify sediment source reduction to the level required by the TMDL. Individual field-level management practices will be identified to reach the prescribed sediment loss goals. Identification of funding sources will also be completed as part of the activities. DNR will complete water quality monitoring in the streams to track water quality changes under existing monitoring protocols using separate funding sources. Lafayette County will provide supervision, office space, vehicles and other tools needed to complete the project.

Comments:

Outcome: Identify sediment sources that are above the TMDL-established target. Identify sediment sources in the identified sub-watersheds where sediment reduction is needed to meet TMDL-established goals. Revise farm plans for the identified farms to meet the target. Identify funding sources and other tools to help the producers reach the goals.

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
HANSIS, ROBERT D	PROJECT_OFFICER	ACTIVE	10/3/2009		Wisconsin DNR	
Lafayette County,	GRANT_RECIPIENT	ACTIVE	10/3/2009		Lafayette County	

Project Statuses

Date	Reported By	Status	Comments
4/16/2010	ROBERT HANSIS	Progress: 0-25% Complete	Using several diagnostic approaches, the Silver Spring Creek watershed was chosen for implementing intensive nutrient management practices. A watershed plan outline, following the EPA nine element format, has been prepared. Physical and biological monitoring locations have been identified.

Wisconsin Department of Natural Resources
SWIMS Project Summary

8/3/2010	ROBERT HANSIS	Progress: 25-50% Complete	Total hours 71.75 @ \$30/hr. \$2,152.50 Mileage 125 miles @ .44/mi. \$55.00 Support Photos, copies, postage \$15.00 Total \$2,222.50
10/22/2010	ROBERT HANSIS	Complete	Planning activities under this grant are complete; however, the watershed plan cannot be finalized because soil sampling needed to complete SNAP+ analysis was delayed until after crop harvest. Activities funded by the grant include a workshop for producers in watershed, coordination with nutrient management planners, and farm conservation plan inventory and update.

Project Status Detail

Answer Set: DEFAULT

Question	Answer
1. Reporting Timeframe (Q1 (Oct-Dec), Q2 (Jan-Mar), Q3 (Apr-June), Q4 (July-Sept):	Q4
2. Amount expended this time period:	Total hours 79.25 @ \$30/hr. \$2,377 Mileage 200miles @ .44/mi. \$88.00 Support Photos, copies, postage, meeting arrangements \$3,956.00 Total \$2,222.50
3. Subcontracts or subgrants awarded this period:	None
4. Number work hours created or maintained to date:	79.25
5. Work accomplished this reporting period:	Mailing to landowners and workshop explaining the project. Biological sampling and water chemistry analysis completed. Nutrient management planning w/soil P analysis progressing. Outline of "watershed plan" completed.
6. Work goals for coming reporting period:	Continue P-Indexing using field data. Complete physical stream monitoring. Apply for NRCS funds under Upper Miss R Watershed Initiative. Meeting to plan for MRBI funding request to NRCS set for Oct 25. Watershed plan to be finalized by 12/1/2010.
7. Overall project status:	100 % completed.
8. WDNR Question: Job equivalent Created	0.1

Actions

Action	Detailed Description	Start Date	End Date	Status
TMDL Implementation	Source identification, load estimates and reduction goal development -- Silver Spring, Cherry Branch, and Apple Branch sub-watersheds	10/3/2009	6/30/2010	IN_PROGRESS
TMDL Implementation	Contract for county staff to conduct on-site assessments in the Silver Spring, Cherry Branch, and Apple Branch sub-watersheds to develop TMDLs for these impaired waters.	12/7/2009	9/30/2010	IN_PROGRESS

Wisconsin Department of Natural Resources
SWIMS Project Summary

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
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Assessment Units

WBIC	Segment	Local Name	Official Name
873200	1	Unnamed water to the Pecatonica River	Unnamed
888600	1	Bloody Lake	Bloody Lake
888700	1	Horseshoe Lake	Horseshoe Lake
888800	1	Un Lake	Unnamed
888900	1	Un Lake	Unnamed
889000	1	Un Lake	Unnamed
889100	1	Pecatonica River	Pecatonica River
889100	2	Pecatonica River	Pecatonica River
889100	3	Pecatonica River	Pecatonica River
893700	1	Local Water	Unnamed
894100	1	Local Water	Unnamed
897800	1	E. Br. Pecatonica River	East Branch Pecatonica River
897800	2	E. Br. Pecatonica River	East Branch Pecatonica River
897800	5	E. Br. Pecatonica River	East Branch Pecatonica River
898000	1	Unnamed Stream	Unnamed
898500	1	Cherry Branch	Cherry Br
898800	1	Cherry Branch Trib	Unnamed
898900	1	Cherry Branch	Unnamed
899000	1	Cherry Branch Trib	Unnamed
899400	1	Trotter Branch	Trotter Br
899500	1	Jockey Hollow Creek	Unnamed
899700	1	Whiteside Creek	Whiteside Creek

Wisconsin Department of Natural Resources SWIMS Project Summary

899700	2	Whiteside Creek	Whiteside Creek
899700	3	Whiteside Creek	Whiteside Creek
899800	1	Apple Branch	Apple Branch
899800	3	Apple Branch	Apple Branch
900700	1	Braezels Branch	Braezels Br
901000	1	Dougherty Creek	Dougherty Creek
902200	1	Local Water	Unnamed
902300	1	Mud Branch	Mud Br
902300	2	Mud Branch	Mud Br
902300	4	Mud Branch	Mud Br
902400	1	Local Water	Unnamed
902500	1	Yellowstone River	Yellowstone River
902500	2	Yellowstone River	Yellowstone River
902500	3	Yellowstone River	Yellowstone River
902500	4	Yellowstone River	Yellowstone River
902700	1	Mc Clintock Creek	McClintock Creek
903400	1	Unnamed Lake	Unnamed
903450	1	Hidden Valley Lake	Hidden Valley Lake 1
903700	1	Yellowstone Lake	Yellowstone Lake
903700	2	Yellowstone Lake State Park Swim Beach, Yellowstone Lake	Yellowstone Lake
904000	1	Steiner Branch	Steiner Br
904000	3	Steiner Branch	Steiner Br
904200	1	Unnamed Trib to Steiner Br	Unnamed
904400	1	Unnamed Trib to Steiner Branch	Unnamed
904500	1	Cannon Creek	Canon Creek
904700	1	Local Water	Unnamed
904800	1	Local Water	Unnamed
904800	2	Local Water	Unnamed
905000	1	Local Water	Unnamed
905700	1	Brennan Creek	Brennan Creek
905700	2	Brennan Creek	Brennan Creek
905900	1	Local Water	Unnamed
906000	1	Sawmill Creek	Sawmill Creek
906000	2	Sawmill Creek	Sawmill Creek
906200	1	Erickson Creek	Erickson Creek

Wisconsin Department of Natural Resources

SWIMS Project Summary

906800	1	Local Water	Unnamed
906900	1	Local Water	Unnamed
907000	1	Local Water	Unnamed
907100	1	Local Water	Unnamed
907200	1	Local Water	Unnamed
907300	1	Gordon Creek (Big Spring Cr Or Blue Mounds Cr)	Gordon Creek
915600	1	Spafford Creek	Spafford Creek
915700	1	Local Water	Unnamed
915800	1	Turtle Creek	Turtle Creek
915900	1	Brown Branch	Brown Br
915900	3	Brown Branch	Brown Br
916000	1	Unnamed Stream	Unnamed
916100	1	Unnamed Stream	Unnamed
916300	1	Unnamed Stream	Unnamed
916500	1	Unnamed Stream	Unnamed
916700	1	Local Water	Unnamed
916800	1	Local Water	Unnamed
917400	1	Feather Branch	Feather Br
917400	2	Feather Branch	Feather Br
917700	1	Silver Spring Creek	Silver Spring Creek
917800	1	Local Water	Unnamed
917900	1	Local Water	Unnamed
918000	1	Wolf Creek	Wolf Creek
918000	2	Wolf Creek	Wolf Creek
918000	3	Wolf Creek	Wolf Creek
918000	4	Wolf Creek	Wolf Creek
918100	1	Trout Brook (Slawther Creek)	Trout Brook
918100	2	Trout Brook (Slawther Creek)	Trout Brook
918200	1	Unnamed Stream	Unnamed
919600	1	Trib To Wolf Creek	Unnamed
919800	1	Copper Creek	Copper Creek
919800	4	Copper Creek	Copper Creek
920700	1	Lovetts Creek	Lovett Creek
920700	2	Lovetts Creek	Lovett Creek
921100	1	Thunder Branch	Thunder Br

Wisconsin Department of Natural Resources

SWIMS Project Summary

921200	1	Ames Branch	Ames Br
921400	1	Local Water	Unnamed
922800	1	N. Fork Ames Branch	North Fork Ames Br
923100	1	S. Fork Ames Branch	South Fork Ames Br
923300	1	Otter Creek	Otter Creek
923400	1	Gravel Run Creek	Gravel Run Creek
923400	2	Gravel Run Creek	Gravel Run Creek
924000	1	Local Water	Unnamed
924100	1	Unnamed Trib To Otter Creek (T3nr3es24)	Unnamed
924800	1	Local Water	Unnamed
925300	1	Local Water	Unnamed
925500	1	Unnamed Trib to Otter Cr at CTH S	Unnamed
925750	1	Un Lake	Unnamed
925900	1	Vinegar Branch	Vinegar Br
926300	1	Wood Branch	Wood Br
926600	1	Unnamed Trib to Wood Branch	Unnamed
927000	1	Bonner Branch	Bonner Br
927100	1	Cottage Inn Branch	Cottage Inn Branch
927100	2	Cottage Inn Branch	Cottage Inn Branch
927300	1	Whiteside Branch	Whiteside Br
927800	1	Unnamed Trib To Pecatonica R (T3nr3es05)	Unnamed
927900	1	Mineral Point Branch	Mineral Point Br
928000	1	Furnace Creek/Brewery Creek	Furnace Creek
928000	2	Furnace Creek/Brewery Creek	Furnace Creek
928300	1	Unnamed	Unnamed
931800	1	Jones Branch	Jones Br
933500	1	Apple River	Apple River
933600	1	Clear Cr	Clear Creek
934200	1	Kentucky Creek	Kentucky Creek
934700	1	Unnamed Stream	Unnamed
935300	1	Unnamed Trib to Apple R	Unnamed
935500	1	Galena River	Fever River
935500	2	Galena River	Fever River
935600	2	East Fork Galena River	East Fork Galena River
936300	1	Scrabble Creek	Scrabble Br

Wisconsin Department of Natural Resources

SWIMS Project Summary

936400	1	Bull Branch	Bull Br
936500	1	Coon Branch	Coon Br
936500	2	Coon Branch	Coon Br
936500	3	Coon Branch	Coon Br
936500	4	Coon Branch	Coon Br
936600	1	Kelsey Br	Kelsey Br
936600	2	Kelsey Br	Kelsey Br
936800	1	Diggings Creek	Diggings Creek
936900	1	Ellis Branch	Ellis Br
937000	1	Shullburg Creek	Shullsburg Br
937200	1	Spring Br	Spring Br
937700	1	Shullsburg Trib	Unnamed
937800	1	Un Tr To Shullsburg Br	Unnamed
937800	2	DUPLICATE	Unnamed
938200	1	Local Water	Unnamed
938500	1	Local Water	Unnamed
938600	1	Blacks Creek	Blacks Creek
938900	1	Local Water	Unnamed
939100	1	Madden Br	Madden Br
939200	1	Local Water	Unnamed
939300	1	Local Water	Unnamed
939400	1	Local Water	Unnamed
939700	1	Local Water	Unnamed
939800	1	Pats Creek	Pats Creek
939900	1	Local Water	Unnamed
940100	1	Un Trib To Galena River (Elk Grove)	Unnamed
944500	1	Blockhouse Creek	Blockhouse Creek
946000	3	Rountree Br	Rountree Br
947100	1	Mounds Branch	Mounds Br
947100	2	Mounds Branch	Mounds Br
947700	1	Local Water	Unnamed
3000517	1	Local Water	Unnamed
3000630	1	TRIBUTARY TO SHULLSBURG BRANCH	Unnamed
4000020	1	Lake Joy	Lake Joy 2
5038836	1	Unnamed Stream	Unnamed

7/25/2024

**Wisconsin Department of Natural Resources
SWIMS Project Summary**

5038860	1	Unnamed Stream	Unnamed
5038864	1	Local Water	Unnamed
5039109	1	Unnamed Trib to Mineral Point Br	Unnamed
5039704	1	Local Water	Unnamed
5039752	1	Local Water	Unnamed
5039775	1	Local Water	Unnamed
5039789	1	Local Water	Unnamed
5039798	1	Local Water	Unnamed
5039800	1	Local Water	Unnamed
5039908	1	Local Water	Unnamed
5039942	1	Local Water	Unnamed
5039958	1	Local Water	Unnamed
5039967	1	Local Water	Unnamed
5039975	1	Local Water	Unnamed
5039976	1	Local Water	Unnamed
5040044	1	Local Water	Unnamed
5040059	1	Local Water	Unnamed
5040081	1	Local Water	Unnamed
5040087	1	Unnamed Stream	Unnamed
5040136	1	Local Water	Unnamed
5040863	1	Unnamed Tributary to Silver Spring Creek	Unnamed
5040896	1	Local Water	Unnamed
5041212	1	Unnamed Stream	Unnamed
5041500	1	Unnamed Stream	Unnamed
5041775	1	Unnamed Stream	Unnamed
5041776	1	Unnamed Stream	Unnamed
5041857	1	Local Water	Unnamed
5041924	1	Unnamed Stream	Unnamed
5041933	1	Unnamed Stream	Unnamed
5042082	1	Unnamed Stream	Unnamed
5042127	1	Unnamed Stream	Unnamed
5042179	1	Unnamed Stream	Unnamed
5042229	1	Unnamed Stream	Unnamed
5577959	1	Local Water	Unnamed
5578005	1	Local Water	Unnamed

Wisconsin Department of Natural Resources
SWIMS Project Summary

5578053	1	Local Water	Unnamed
5578208	1	Local Water	Unnamed
5578256	1	Local Water	Unnamed
5578314	1	Local Water	Unnamed
5578337	1	Local Water	Unnamed
5578394	1	Local Water	Unnamed
5578529	1	Local Water	Unnamed
5578723	1	Local Water	Unnamed
5578736	1	Local Water	Unnamed
5579404	1	Local Water	Unnamed
5579524	1	Local Water	Unnamed
5579660	1	Local Water	Unnamed
5579675	1	Local Water	Unnamed
5579720	1	Local Water	Unnamed
5579828	1	Local Water	Unnamed
5580001	1	Local Water	Unnamed
5580019	1	Local Water	Unnamed
5580050	1	Local Water	Unnamed
5580233	1	Local Water	Unnamed
5580273	1	Local Water	Unnamed
5580570	1	Local Water	Unnamed
5580815	1	Local Water	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Wisconsin Department of Natural Resources
SWIMS Project Summary

Title	Description	Author	Published	Comments
ARRA 11 Lafayette Co TMDL Planning 2009 Project Description	This project involved farm inventories to identify sediment source reduction to the level required by the TMDL. Individual field-level management practices will be identified to reach the prescribed sediment loss goals. Identification of funding sources will also be completed as part of the activities. DNR will complete water quality monitoring in the streams to track water quality changes under existing monitoring protocols using separate funding sources.	Wdnr	5/23/2009	
ARRA Project 11 Lafayette Co. TMDL Planning 2009 Contract	Contract	Wdnr	11/20/2009	
ARRA_11_FinalQuarterlyReport	Grant Report		12/1/2011	
ARRA_11_Q1FFY11_Report	Grant Report		1/31/2011	
ARRA_11_Q2FFY10_Report		Wdnr	4/28/2010	
ARRA_11_Q2FFY11_Report	Grant Report		4/29/2011	
ARRA_11_Q3FFY10_Report	Grant Report		8/5/2010	
ARRA_11_Q4FFY10_Report	Grant Report		11/1/2010	
Brief Summary: Lafayette County TMDL		Lisa Trimble	10/22/2010	
Final Report: Assessment of Phosphorus and Sediment Loss Risk in Silver Spring Creek Watershed	The objectives of the study described in this report are to characterize land use in the watershed and asses the risk of sediment loss and phosphorus delivery from agricultural lands.	Christopher A. Baxter,	1/26/2012	
Silver Spring Rapid Channel Assessment Data	Datasheet showing chemistry, sedimentation, and reach slopes.	USGS	11/1/2011	
Silver Springs Mailing List	List of landowners and Operators		1/30/2012	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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