

Final Report

Targeted Runoff Management Grant Program and Urban Nonpoint Source and Storm Water Management Grant Program

Form 3400-189 (R 6/08)

Notice: This final report is authorized by ss. 281.65 and 281.66, Wis. Stats., and chs. NR 153 and NR 155, Wis. Adm. Code. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

Instructions: Your grant agreement requires you to submit a Final Report 60 days after the end date listed in the grant agreement. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR. The DNR prefers that Final Reports be submitted in electronic format. If, however, printed copies of Final Reports are submitted, please submit three (3) complete originals to your regional Nonpoint Coordinator.

1. Grant Type -- Please check one.

☒ Targeted Runoff Management Grant -- Agricultural

☐ Targeted Runoff Management Grant -- Urban

☐ Urban Nonpoint Source & Storm Water Management Grant -- Construction

☐ Urban Nonpoint Source & Storm Water Management Grant -- Planning

2. Grantee & Project Information

Project Name Paint Creek Riparian Buffers	Grant Number TRC-LC19-09000-07A
Governmental Unit Name Chippewa County	Primary Watershed Name and Watershed Code Lower Yellow River (Chippewa County); LC19
Nearest Water Body Name	Nearest Water Body Identification Code (WBIC) (if applicable)
DNR Water Management Unit (River System) Name	s. 303 (d) Listed Waterbody? ☐ Yes ☐ No. Drains to Little Lake Wissota which is 303(d) waterbody

What pollutant(s) were addressed by the project (e.g., nitrogen, phosphorus, sediment, thermal control, etc.)?

Nitrogen, phosphorus

For each project site location provide the following: (attach additional sheets if necessary)

Location:		A	B	C	D	E
Minor Civil Division Name (City, Township, Village, etc.)						
PLSS	Town	T28N				
	Range	R7W				
	Section	Sect 29				
	Quarter	NE				
	Quarter-Quarter	W1/2				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer, SWDV)		45 10 21.5				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)		91 36 23				
Property Owner(s)	Name	Brian Phillips				
	Mailing address	3723 Sundet Rd Eau Claire, WI				

Site address (Not mailing address)	30 th Avenue Chippewa Falls				
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3. Summary of Results

A. Performance Standards and Prohibitions and Other Water Resources Management Priorities

For grants issued in calendar year 2006 or later, complete Tables A and B (following) consistent with the entries on your grant application.

TABLE A. PERFORMANCE STANDARDS AND PROHIBITIONS (per ch. NR 151, Wis. Adm. Code, effective October 1, 2002)

Performance Standard or Prohibition	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting T	33	Rusle 2
Manure Storage Facilities: New Construction/Alterations	Number of facilities		
	Number of animal units		
Manure Storage Facilities: Closure	Number of facilities		
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities		
	Number of animal units		
Clean Water Diversions in WQMA	Pollutant load reduction		
	Number of farms with diversions		
	Number animal units		
Nutrient Management on Agricultural Land	Acres planned		
Prohibition: Manure Storage Overflow	Number of facilities		
	Number of animal units		
Prohibition: Unconfined Manure Pile in WQMA	Number of farms		
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction		
	Number of facilities		
	Number of animal units		
Prohibition: Unlimited Livestock Access	Feet of bank protected		
	Number of farms		
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced		
	% TSS reduction		

TABLE B. OTHER WATER RESOURCES MANAGEMENT PRIORITIES

I. Agricultural Areas	Units of Measure	Quantity	Measurement Method Used
Buffers	Feet of bank protected	4,281	
	Number of farms	1	
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
II. Developed Urban Areas	Units of Measure	Quantity	Measurement Method Used
Urban: 20-40% Reduction in TSS	Pounds TSS reduced		
	% TSS reduction		
Infiltration	% Pre-development stay-on volume		
	Cubic feet stay-on volume		
Peak flow discharge	Change in cubic feet per second		
Protective areas	Feet of bank protected		
Fueling & maintenance areas	Oily sheen presence		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
III. Planning	Units of Measure	Quantity	Measurement Method Used
Quantify how implementation of the planning project decreased storm water impacts on state waters (<i>i.e.</i> , storm water plan, I & E plan, <i>etc.</i>)	Municipalities planned for		
	Acres planned for		
Document/track progress made in implementing the planning product (<i>i.e.</i> , ordinance, utility district evaluation/formation, storm water management plan information & education, <i>etc.</i>)	Municipalities planned for		
	Acres planned for		

Other (specify)			
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B. Project Results Narrative

Attached.

4. Satisfaction of Notice Requirements (if applicable)

If cost sharing for this project was offered under a formal notice to achieve compliance with performance standards or prohibitions, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information	
Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?	
				Yes	No
				☐	☐
				☐	☐
				☐	☐
				☐	☐

5. Summary of Project Challenges

Attached.

6. Additional Information about the Project (optional)

7. Final Product(s) -- All Projects

A. Construction Projects

☐ A.1. Checking here indicates that a printed copy of project plans and specifications was sent to your DNR Regional Nonpoint Source Coordinator.

☒ A.2. Checking here indicates that photo-documentation of the project's construction is attached.

B. Planning Projects

☐ B.1. Checking here indicates that a printed copy of the planning product (e.g., plans, ordinances, analyses) was sent to your DNR Regional Nonpoint Source Coordinator.

☐ B.2. Checking here indicates that the Regional Nonpoint Source Coordinator has approved the final Planning Product(s).

☐ B.3. Checking here indicates that your governmental unit has adopted the final Planning Product(s).

Name of Planning Document(s)	Date(s) effective	Date Submitted to NPS Coordinator
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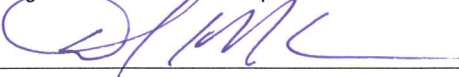
8. Grantee Certification:

☐ Checking here certifies that, to the best of your knowledge, the information contained in this report is correct and true.

Type or print Name and Title of Authorized Representative certifying here.

Dan Masterpole, County Conservationist

Signature of Authorized Representative



Date

2/4/09

9. FOR DEPARTMENTAL USE ONLY

REGIONAL NONPOINT COORDINATOR -- Please complete the following:

- ☐ Checking here indicates that you received either planning or construction plans and specifications from the project sponsor, as appropriate. Attach a copy of the approval.
- ☐ Checking here indicates that you approved the final construction. Attach a copy of the final construction approval.
- ☐ Checking here indicates that you have approved the final Planning Product(s).
- ☐ Check here if two (2) signed, original copies of the Final Report and attachments have been sent to Runoff Management Section Grants Coordinator. Note: Regional Nonpoint Source Coordinator may retain one (1) copy of the signed, original Final Report.

Type or print Name of Regional Nonpoint Coordinator

Signature of Regional Nonpoint Coordinator

Date

FINAL REPORT - January 2009
TRM Grant Program (Form 3400-189 (R 6/08)
Chippewa County
Paint Creek Riparian Buffer Project (Brian Phillips)
TRC-LC19-09000-07A

B. Project Results Narrative

Background

The Paint Creek Riparian Buffer Project sought to combine federal, state and local funding to install over 13 acres of riparian buffers, replace two eroding stream crossings with bottomless culverts, cease active cropping and pasturing of over 22 acres of a riparian wetland complex, and permanently protect the entire stream corridor (50 acres) within the headwater property through the use of a county held conservation easement. The entire property was to be evaluated for compliance with NR151 Agricultural Performance Standards and would then be obligated to gain/remain in compliance.

Objectives and Results

Objective 1. Combine federal, state, and local funding to install over 13 acres of riparian buffers.

Table 1 illustrates the types, sources and amounts of funding used to install riparian buffers. Objective met.

Table 1. Paint Creek Riparian Buffers
Sources of Funding

Component	Program	Federal	State	Local
Riparian Buffers	CREP	\$8,500	\$2,500	
Riparian Buffers	DATCP		\$35,436	\$1,138
Appraisal	TRM		\$1,500	
	Subtotal	\$8,500	\$36,936	\$1,138

Objective 2. Replace two eroding stream crossings with bottomless culverts.

The cost and feasibility of bottomless culverts was analyzed. The landowner chose to install conventional culverts for the stream crossings. Two conventional culverts (stream crossings) were designed and installed during the summer of 2008. Objective met.



Figure 1.
Paint Creek Riparian Buffers - Brian Phillips
Stream Crossing Construction

Figure 2.
Paint Creek Riparian Buffers - Brian Phillips
Stream Crossing Construction



Objective 3. Cease active cropping and pasturing on over 22 acres of a riparian wetland complex.

Active cropping and pasturing on over 22 acres of a riparian wetland complex has been discontinued. Objective met.

Objective 4. Permanently protect the entire stream corridor (50 acres) within the headwater property through the use of a county-held conservation easement.

Figure 3 illustrates the location of the CREP easements and the county-held conservation easement. The entire stream corridor has been protected. Objective met.

Figure 3. Paint Creek Riparian Buffers Project.

CREP easements (blue), county conservation easement (brown) and stream crossing locations.



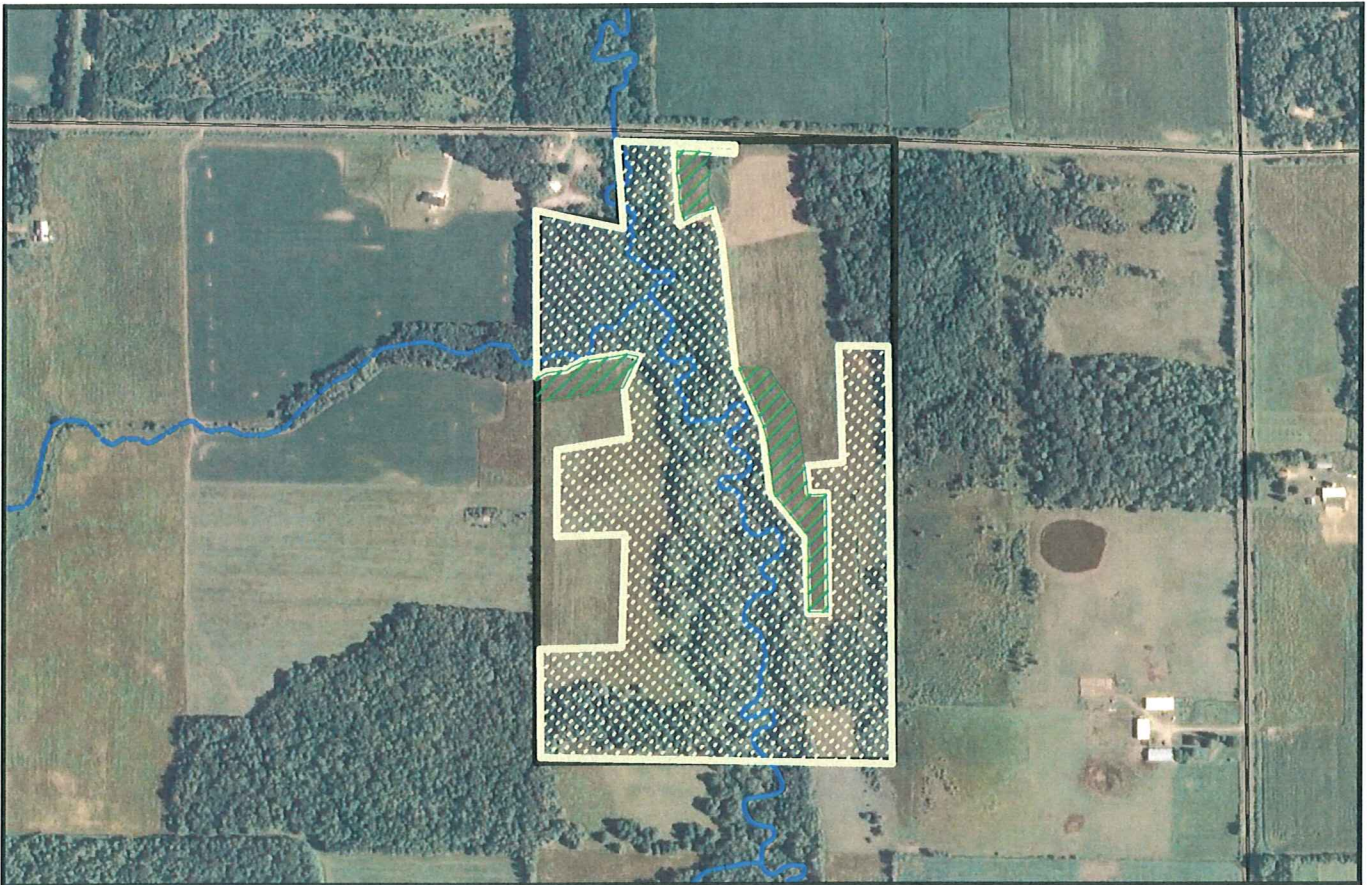
Objective 5. Evaluate the entire property for compliance with NR151 Agricultural Performance Standards.

The entire tract of the Phillips property was evaluated for compliance with the NR151 Agricultural Performance Standards. The property met all standards except for the NR151.07(3) Nutrient Management standard. The tract will be obligated to remain in compliance without cost sharing. Objective met.

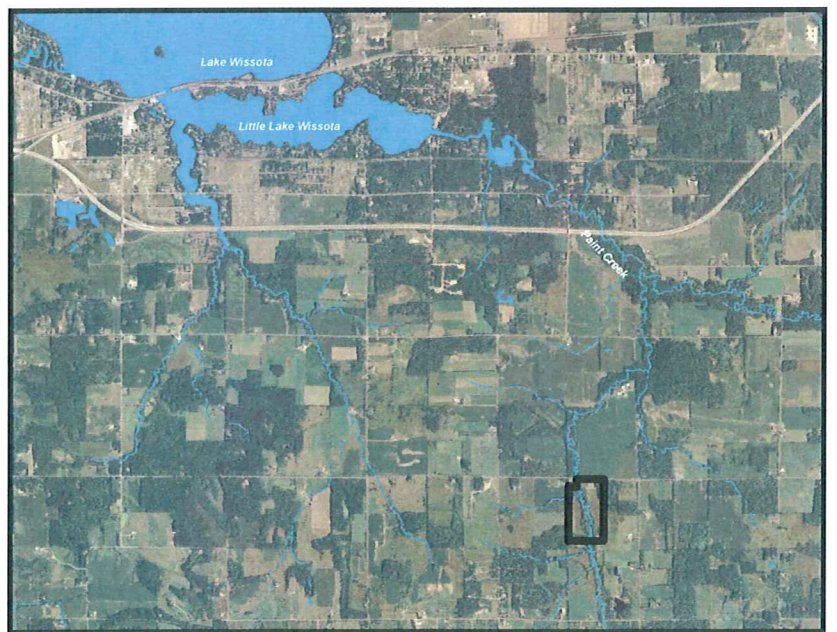
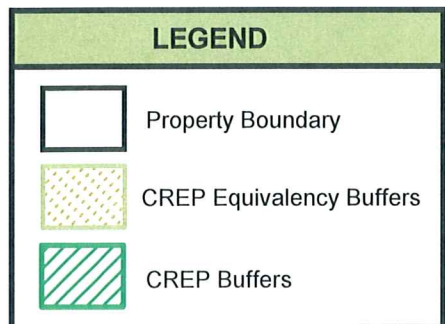
A copy of the NR151 Compliance Status Report is provided.

Brian Phillips
Conservation Easements
T28N R7W Sect. 29

TRC-LC19-09000-07A
TRM Grant - Agricultural
Chippewa County



Location of Conservation Easements



Proximity of Easement to Little Lake Wissota (303d water)

FINAL REPORT - January 2009
TRM Grant Program (Form 3400-189 (R 6/08)
Chippewa County
Paint Creek Riparian Buffer Project (Brian Phillips)
TRC-LC19-09000-07A

5. Summary of Project Challenges

The TRM project outlined an appraisal process as required by Administrative Code NR153.24(4)(b) to determine the amount of compensation for a conservation easement. The appraised conservation easement compensation was calculated to be \$16,450 (Radichel & Associates; 5-14-07).

The landowner rejected the appraised compensation of \$16,450.

The County evaluated alternatives and re-calculated the conservation easement compensation using CREP equivalency rates. The CREP equivalency compensation amount was \$35,435.96. Mr. Phillips agreed to the amount and a conservation easement was obtained. The County used DATCP SWRM funds to secure the easement.

Current administrative code does not allow the WDNR TRM program to use funds toward a conservation easement that is calculated using CREP equivalency rates. The County contends that CREP and CREP equivalency rates are the value of compensation for conservation easements and the administrative codes should be updated to reflect those rates.

CORRESPONDENCE/MEMORANDUM

State of Wisconsin

DATE: February 25, 2009

FILE REF:

TO: Kathleen Thompson WT/3

FROM: Karen Voss WCR Eau Claire

Karen S. Voss

SUBJECT: Final Report Paint Creek Buffers TRC-LC19-09000-07A Errata

1. Section 2 – Final Report form did not allow County to enter Nearest Waterbody Name, WBIC or DNR WMU Name. These are added on the paper copies.
 - a. Nearest WB Name: South Fork Paint Creek
 - b. WBIC: 2153300
 - c. DNR WMU Name: Lower Chippewa
2. Lat-Lon errors corrected on paper copies. Correct:
 - a. Lat: 44 52 59.5
 - b. Lon: 91 15 15.6

This memo has been added to the electronic file for this Final Report.



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