

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 Steve Marsolek Farm	Grant Number TRC-BT01-06000-08E
Governmental Unit Name Buffalo County - Land Conservation Department	Primary Watershed Name and Watershed Code Lower Trempealeau River
Nearest Water Body Name	Nearest Water Body Identification Code (WBIC) (if applicable)
DNR Water Management Unit (River System) Name Buffalo-Trempealeau	s. 303 (d) Listed Waterbody? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.

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

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.)			Glencoe			
PLSS	Town		21			
	Range		10 W			
	Section		27			
	Quarter		SE			
	Quarter-Quarter		SE			
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer, SWDV)			44-15-47.3 N			
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)			91-35-4.6W			
Property Owner(s)	Name		Steve Marsolek			
	Mailing address					
Site address (Not mailing address)			S2286 Ziegeweid Valley Road, Arcadia, WI 54612			

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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		
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	99	BARNY Model
	Number of facilities	1	count
	Number of animal units	71	count
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			
	Number of farms			
	Streambank	Tons of bank erosion reduced		
	Other (specify)	Feet of bank protected		
II. Developed Urban Areas	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

This project was successful. The grant provided cost share funds to complete a barnyard runoff control system (NR 154.04 (5)). We expect that through the construction of a barnyard runoff control system we will reduce the #'s of phosphorus leaving a feedlot to be less than 5 pounds. At this site, the pounds of phosphorus leaving this feedlot was reduced to 1.6 pounds.

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?		Date Letter Sent
				Yes	No	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

5. Summary of Project Challenges

We had some issues with the utility lines running directly where the filterstrip was suppose to lay. We managed to slide the filterstrip over just enough so that the utility lines weren't in our project area. Also the lay of the existing land was sloping totally opposite of the way the barnyard needed to go, a lot of cut and fill was needed to achieve proper sloping on the yard.

6. Additional Information about the Project (optional)

The landowner was very happy to see the completed project. And from a department standpoint, we achieved the necessary phosphorous reduction while working with the landowner to make sure his needs were met as well.

In talking with the landowner (the spring following construction) I learned they are very pleased with the conservation practice. The lot was exceptionally clear, even with 1" of rainfall in the 2 days prior to my visit. The landowner explained that only a small amount of liquids actually make it to the filter strip, past the spreader pad. They keep the filter strip mowed with their lawn and the only comment on that is the landowners wife, just has more lawn to mow. See attached photos of this project on page 5 of this report.

Also contained in this report is the letter of compliance with NR-151.08 (4), Service Agreement with the landowner for technical assistance and a document that shows the number of hours of technical assistance to the practice.

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.

Julie Lindstrom, County Conservationist

Signature of Authorized Representative	Date
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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



Looking at the barnyard from the far side on a morning after ~1 inch of rainfall.



Liquids leaving the lot via weir and entering the settlement basin.



Spreader pad basin morning after ~ 1 inch of rainfall from the barnyard.



Area where the filter strip is located, from the spreader pad in the background to the washed rock located 1/2 way down filter strip shown in foreground. This was challenging because the family wanted the ability to be able to mow it with their lawn grass because of its proximity to the county road.