

Final Report

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

Form 3400-189 (R 6/08)

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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 Ron Hovey Farm	Grant Number TRC-BT07-06000-08D
Governmental Unit Name Buffalo County - Land Conservation Department	Primary Watershed Name and Watershed Code Lower Buffalo 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, sediment

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.)			Dover - barnyard	Dover - stream crossing	Dover - waterway	
PLSS	Town		23	23	23	
	Range		10 W	10W	10W	
	Section		18	7	7	
	Quarter		NW	SE	SE	
	Quarter-Quarter		NE	SW	SW	
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer, SWDV)			44-28'45.2" N	44-29'-1.3"N	44-29'-0"N	
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)			91-38'-39.8"	91-38'-13.0"W	91-38'-13"W	
Property Owner(s)	Name		Ron Hovey	Ron Hovey	Ron Hovey	
	Mailing address		W566 County Road Z, Mondovi, WI 54755	W566 County Road Z, Mondovi, WI 54755	W566 County road Z, Mondovi, WI 54755	

Site address (<i>Not mailing address</i>)		same	same	same	
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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	1	count
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	57	BARNY Model
	Number of facilities	1	count
	Number of animal units	140	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		
	Feet of bank protected		
Other (specify) Fencing - Cattle Exclusion	length of waterway protected	1880	LF - measure
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

This project was successful. We started the project with the intention to just install a barnyard runoff control system (NR 151.04{5}). A waterway system (NR151.04{39}) and access road and crossing (NR151.04{5}) were also part of the final project. Prior to construction of the barnyard runoff control system, the cattle had access to a pasture that was on the opposite side of the barnyard. To get to the pasture, the cattle passed through an area, which could be called a seasonal dry run, which had ruts and there was not defined flat bottom. To remedy this problem, the waterway was built in this area to provide a more channelized flow through this area of the farmstead. A crossing was constructed through the waterway to allow cattle access to the pasture. The landowner completely fenced off the waterway with no cost share funds and the only cattle access to the pasture was by use of the crossing. Through the construction of a barnyard runoff control system we expect to reduce the #'s of phosphorus from a feedlot to be less than 5 pounds. At this site the pounds of phosphorus leaving this feedlot was reduced to 1.9 #'s per year.

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

This project site was fairly easy to deal with. We approached this manner by implementing a variety of systems: Waterway, crossing and finished with a barnyard. The lay of the land was very conducive to all projects. The largest task we had was establishing the seeding and competing with dry weather and velvet leaf. After an early clipping, the seeding took off.

6. Additional Information about the Project (optional)

The offlot sediment basin has been functioning perfectly. Landowner is very happy with the low maintenance of this lot. The crossing has kept his cattle high and dry while access to his pasture has not been compromised. Photos of the waterway, crossing and barnyard runoff control system under construction are available on a CD, which is included with this report.

Also contained in this report is the letter of compliance with NR 151.08 , 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













