

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 Glenn Hanson Farm	Grant Number TRC-GB04-38000-08 D
Governmental Unit Name Marinette County	Primary Watershed Name and Watershed Code GB04 Little River
Nearest Water Body Name Little River	Nearest Water Body Identification Code (WBIC) (if applicable) 441300
DNR Water Management Unit (River System) Name Upper Green Bay	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, nitrogen, sediment, BOD

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.)		Town of Grover				
PLSS	Town	29				
	Range	21E				
	Section	2				
	Quarter	SE				
	Quarter-Quarter	NW				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer, SWDV)		45 2' 40.9"				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)		87 54' 33.3"				
Property Owner(s)	Name	Glenn Hanson				
	Mailing address	W5903 Payne School Road, Coleman, WI 54112				

Site address (Not mailing address)	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		
Manure Storage Facilities: New Construction/Alterations	Number of facilities	1	Count
	Number of animal units	166	Count
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	61.1 lbs	BARNY
	Number of farms with diversions	1	Count
	Number animal units	166	Count
Nutrient Management on Agricultural Land	Acres planned	440	Count
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	61.1 lbs.	BARNY
	Number of facilities	1	Count
	Number of animal units	166	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)			
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.e., storm water plan, I & E plan, etc.)	Municipalities planned for		
	Acres planned for		
Document/track progress made in implementing the	Municipalities planned for		

planning product (i.e., ordinance, utility district evaluation/formation, storm water management plan information & education, etc.)	Acres planned for		
Other (specify)			

B. Project Results Narrative

All of the practices listed in the application were installed. The barnyard and related practices have resulted in a "zero runoff system." Clean water is now routed to completely avoid areas that contain manure. All manure laden water flows off the barnyard into the manure storage facility. A subsurface drain was also installed entirely at landowner expense.

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

During excavation a sand lens was hit which allowed water to enter the pit. In response to this the floor of the manure storage was raised one foot. The change in manure storage height required 3000 additional cubic yards of fill to allow the barnyard to be regraded so that it drained into the manure storage.

6. Additional Information about the Project (optional)

NRCS is implementing a Comprehensive Nutrient Management Plan on this farm. A CNMP is unique to animal feeding operations. It is a grouping of conservation practices and management activities that will help to ensure that both production and natural resource protection goals are achieved. A CNMP incorporates practices to utilize animal manure and organic by-products as a beneficial resource. A CNMP addresses natural resource concerns dealing with soil erosion, manure, and organic by-products and their potential impacts on water quality, which may derive from an AFO. A CNMP is developed to assist an AFO owner/operator in meeting all applicable local, State, and Federal water quality goals or regulations. For nutrient impaired stream segments or water bodies, additional management activities or conservation practices may be required to meet local, tribal, State, or Federal water quality goals or regulations.

The elements of a CNMP are as follows: Manure and Wastewater Handling and Storage, Land Treatment Practices, Nutrient Management, Feed Management, and Other Utilization Activities. CNMP's are relatively costly and time consuming. Without the trigger of the TRM project it would likely never have been implemented on this farm.

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.

Gregory G. Cleereman - County Conservationist

Signature of Authorized Representative

Date

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