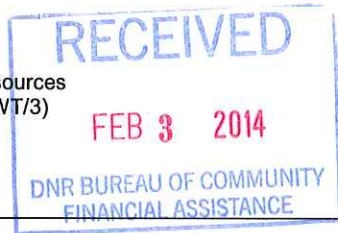


Wisconsin Department of Natural Resources
 Bureau of Watershed Management (WT/3)
 101 S. Webster St.
 Madison, WI 53703
 PO Box 7921
 Madison, WI 53707-7921



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- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

NOTICE: This Final Report is authorized under ss. 281.65 and 281.66., Wis. Stats., and chs. NR 153 and NR 155, Wis. Admin. Code. Personally identified information collected will be used for program administration and may be made available to requesters as required under Wisconsin Open Records Law [ss. 19.31-19.39, Wis. Stats.].

INSTRUCTIONS: Your grant agreement requires you to submit a Final Report with your final reimbursement request. 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 as described in the instructions.

1. GRANT TYPE. Check the one that applies.

<input type="checkbox"/> Targeted Runoff Management Grant – Agricultural	<input type="checkbox"/> Targeted Runoff Management Grant – Urban
<input type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Construction	<input type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Planning
<input checked="" type="checkbox"/> Notice of Discharge Grant	

2. PROJECT NAME & LOCATION.

2.1. Project Name: Manson Runoff Control NOD	2.2. Grant Number: CW23-37000-N12 B	
2.3. Governmental Unit Name: Marathon County	2.4. Primary Watershed Name: Lower Rib River	2.5. Watershed Code: CW23

NOTE FOR SECTION 2.6 (which follows):

Section 2.6. includes five (5) columns (A. through E.) for recording data about five (5) discrete site locations. If your grant has more than five (5) discrete project locations, attach additional columns for Section 2.6 as described in the instructions. If your project occurs in more than one 12-digit Hydrologic Unit Code (HUC), use the space in adjacent columns to record other HUC numbers.

2.6 Site Location(s) →	A.	B.	C.	D.	E.
Name of Cost-Share Recipient or Governmental Unit	Neal and LaRee Manson				
Cost-Share Agreement Number (Agricultural only)	2013-01				
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	070700021003				
Nearest Surface Receiving Water Affected					
Name:	Unnamed stream				
Waterbody Identification Code(s) (WBIC):	5010742				
Nearest Impaired Water Affected					
Name:	Big Rib River				
Waterbody Identification Code(s) (WBIC):	1451800				
Pollutants Reduced	Nutrients, Phosphorous				
Impairments/Impacts Addressed	Manure Runoff, Health and Safety				

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Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	29N				
Range	6E				
Section	29				
Quarter	SE				
Quarter-Quarter	NE				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	44 57 56.7441" 44.9656				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	89 48 34.5760" 89.8094				

3. SUMMARY OF RESULTS.

Table A. Agricultural Projects. – Ch. NR 151 Performance Standards and Prohibitions and Other Water Resources Management Priorities

A.1. Management Measures	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting "T"	25.26 acres	Parcel tax assessment acreage
Manure Storage Facilities: New Construction/Alterations	Number of facilities	facilities	
	Number of animal units	animal units	
Manure Storage Facilities: Closure	Number of facilities	1 facilities	Count
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	1 facilities	Count
	Number of animal units	180 animal units	Animal Unit Calculation sheet
Clean Water Diversions in WQMA	Pollutant load reduction	lbs.	
	Number of farms with diversions	farms	
	Number animal units	animal units	
Nutrient Management on Agricultural Land	Acres planned	acres	
Prohibition: Manure Storage Overflow	Number of farms	1 farms	Count
	Number of animal units	180 animal units	Animal Unit Calculation sheet
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	1 farms	Count
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	229.7 lbs.	BARNY Model comparison before and after
	Number of facilities	1 facilities	Count
	Number of animal units	180 animal units	Animal Unit Calculation sheet
Prohibition: Unlimited Livestock Access	Feet of bank protected	feet	
	Number of farms	farms	

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Table A. Agricultural Projects. (continued)			
A.2. Other Management Measures			
	Units of Measure	Quantity	Measurement Method Used
Streambank & Shoreline Protection	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		

Table B. Urban Construction Projects Serving Developed Areas.			
B.1. Required Management Measures			
	Units of Measure	Quantity	Measurement Method Used
20-40% Total Suspended Solids (TSS) Reduction for NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
B.2. Other Management Measures			
20-40% Reduction in TSS for non-NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
Infiltration	Pre-development stay-on volume	%	
	Stay-on volume	ft³/year	
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year	ft³/sec	
Protective areas	Bank protected	feet	
Fueling & maintenance areas	Oily sheen presence reduced	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Streambank & Shoreline Protection	Bank erosion reduced	tons	
	Bank protected	feet	
Other:	Pollutant load reduction (if method available)		
	Units (use feet, acres or number as applicable)		

Table C. Urban Planning Projects.			
C.1. Governmental unit(s) involved (list by name):			
C.2. Estimate total acres covered by the	Existing Developed Urban Areas	New Development	Total Acres

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planning product:	acres	acres	acres
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C.3. Products developed (check all below that apply)	Identify Documents by Name (if applicable)
<input type="checkbox"/> Storm Water Plan	
<input type="checkbox"/> Construction or Erosion Ordinances	
<input type="checkbox"/> Post-construction Storm Water Ordinances	
<input type="checkbox"/> Other Types of Storm Water Quality Ordinances	
<input type="checkbox"/> Financing Methods: identified and evaluated	
<input type="checkbox"/> Financing Methods: developed or implemented	
<input type="checkbox"/> I & E Plan	
<input type="checkbox"/> I & E Implementation Activities	
<input type="checkbox"/> Other:	
C.4. Identify the Storm Water goals addressed (check all that apply)	
<input type="checkbox"/> Reduce TSS	Comments:
<input type="checkbox"/> Maintain infiltration	
<input type="checkbox"/> Control Peak Flow	
<input type="checkbox"/> Protective Areas	
<input type="checkbox"/> Control of Fueling & Maintenance Areas	
<input type="checkbox"/> Remove Illicit Discharges	
<input type="checkbox"/> Other:	

4. Satisfaction of Notice Requirements. If cost sharing for this project was offered under a formal notice pursuant to chs. NR 151 or 243, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
Chs. NR 151 or 243 Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?		Date Letter Sent
				Yes	No	
NR 151, Final Offer of Cost Share	May 1, 2009	Shawn Esser, Marathon County, CPZ	Neal & LaRee Manson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	January 23, 2014
Category I NOD	April 19, 2011	Scott Watson, DNR	Neal & LaRee Manson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	January 28, 2014
Notice of Violation	March 23, 2012	Deborah Dix	Neal Manson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	January 28, 2014
				<input type="checkbox"/>	<input type="checkbox"/>	

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5. Additional Information. (Space will expand to fit your text.)

In order for Neal Manson to meet the nutrient management provisions of NR 151, Neal has agreed to have another local producer that rents Neal's land and other lands in the neighborhood to accept the waste generated from the Manson operation onto lands that he operates. The local producer will sign a formal agreement that he will accept the waste generated by Neal Manson's operation and agree to include the waste volume and fertilizer value in his annual Nutrient Management Plan. Neal is responsible for land application of the waste generated from his operation. Neal will sign a formal agreement to properly apply the manure waste from his operation onto lands controlled by the local producer in a manner consistent with the agronomic rates and the Nutrient Management Plan that is developed annually for the local producer.

The relationship between Neal and the local producer has been on going in the past without any formal agreement. With both parties signing and following the formal agreement, clarity of the nutrient management provision are understood between both parties and the provisions of NR 151 is satisfied.

Neal has been informed that if the relationship between him and the local producers is not maintained, it is Neal's responsibility to obtain an alternative outlet for the waste stream produced on his operation, and the nutrient management provision of NR 151 must be satisfied.

6. Summary of Project Challenges. (Space will expand to fit your text.)

There was an array of challenges that were encountered throughout this project. The challenges included: Neal's inability to make any long-term corrective decisions on his operation, primarily due to financial situation, operation challenges, and the uncertainty with maintaining the operation. The management of this operation fluctuated extremely during several periods from Watershed inventory, to the time of being issued a NOD. During these periods, the operation fluctuated from being idle, to being fully stocked (200+ steers), back down to a small group of livestock (20-50 steers), then back to being fully stocked. At one period, Neal change his operation to raising only small calves, then changed back to raising steers at full capacity.

Another challenge experienced was that the project area had limited site restrictions. The site had very limited space available to install functional BMP's, difficult soil and siting conditions for manure storage, an extreme amount of tributary runoff to deal with, limiting road and zoning setback requirements, and topographical/elevation difficulties to deal with.

This project consumed an extreme amount of staffing hours, the involvement of many different agencies (County, DNR, DATCP, and NRCS), and many years to resolve the on-going runoff problem on this operation. Within these efforts, Neal received many different design and management options from various staff and agencies. Although the goal of every option layed out for Neal was to resolve the runoff problem, it caused time frames for compliance to be extended, and confusion as to what Neal's responsibilities were. Also created during this process, was animosity between Neal and staff, where Neal preferred to work only with certain individuals.

7. Grantee Certification.

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

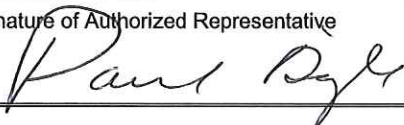
Name of Authorized Representative (type or print) ↓

Paul Daigle

Title of Authorized Representative (type or print) ↓

Land and Water Program Director

Signature of Authorized Representative



Date

1/29/2014

8. For Departmental Use Only.

Regional NPS Coordinator – Please complete the following:

8.A. Check here if you have received the following from the project sponsor:

- one (1) printed, signed, original Final Report + attachments
- one (1) electronic version of Final Report.

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Community Financial Assistance will forward to Runoff Management Section Grants Coordinator.	
8.B. Comments about this project: <i>Additional follow-up required in late Spring 2014 to review Clean Water diversions and installation of splash guard under downspout on NE of North roof. Also to verify NMP agreement between Mr. Manson and Mr. Ross. Finally, ensure the facility is following O&M requirements.</i>	
8.C. Type or print Name of Regional NPS Coordinator →	<i>Terence M. Kafka</i>
8.D. Signature of Regional NPS Coordinator	8.E. Date
<i>Terence M. Kafka</i>	<i>01/28/2014</i>