

Final Report Form 3400-189 (rev. 7/30/09)

- 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 checked="" 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 type="checkbox"/> Notice of Discharge Grant	

2. PROJECT NAME & LOCATION.

2.1. Project Name: Clarence Tryba Farm NOI	2.2. Grant Number: TRC-UW16-37000-08B	
2.3. Governmental Unit Name: Marathon County	2.4. Primary Watershed Name: Mosinee Flowage	2.5. Watershed Code: CW16

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	Clarence Tryba				
Cost-Share Agreement Number (Agricultural only)	2008-09				
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	070700021807				
Nearest Surface Receiving Water Affected					
Name:	Dubay Lake				
Waterbody Identification Code(s) (WBIC):	1412200				
Nearest Impaired Water Affected					
Name:	Wisconsin River				
Waterbody Identification Code(s) (WBIC):	1179900				
Pollutants Reduced	nutrients				
Impairments/Impacts Addressed	manure runoff				

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Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	27N				
Range	6E				
Section	34				
Quarter	SE				
Quarter-Quarter	SW				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	44, 46', 28.4" N				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	89, 46', 41.5" W				

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"	98.1 acres	RUSLE - 2
Manure Storage Facilities: New Construction/Alterations	Number of facilities	1 facilities	count
	Number of animal units	106 animal units	count
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	106 animal units	count
Clean Water Diversions in WQMA	Pollutant load reduction	31 lbs.	BARNY Model
	Number of farms with diversions	1 farms	count
	Number animal units	106 animal units	count
Nutrient Management on Agricultural Land	Acres planned	274 acres	count listed on 590 checklist
Prohibition: Manure Storage Overflow	Number of farms	1 farms	count
	Number of animal units	106 animal units	count
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	farms	
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	108 lbs.	Manure Storage Rating Spreadsheet
	Number of facilities	1 facilities	count
	Number of animal units	106 animal units	count
Prohibition: Unlimited Livestock Access	Feet of bank protected	1320 feet	count
	Number of farms	1 farms	count

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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		ft ³ /year
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year		ft ³ /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	
Ch. NR 151 Notice (NOI)	2/12/2007	Micah Oriedo	Clarence Tryba	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8/24/2009
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

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

Entering into the second winter manure storage season, Clarence Tryba expresses positive management and environmental aspects that were obtained with the installation of the new manure storage facility, and with the closure of his former malfunctioning manure storage system. Runoff complaints that were annually reported on his farm appears to have been solved with the installation of the BMP's that were incorporated with the Targeted Resource Management grant.

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

Challenges included pre-construction design elements in which there were sometimes lengthy discussion on the sizing of the facility. Clarence was not taking in account the storage needed for precipitation, the loss of manure liquids that was occurring on his existing storage, and the extra needed months of storage that was necessary to provide in years where weather conditions prevent removal and proper application to cropland.

During construction, the most serious challenge surfaced when the disturbed site was identified as needing a construction site erosion control permit. This resulted because several independent land disturbing activities were occurring on the farmstead at the same time. The Marathon County CPZ was able to assist Clarence Tryba in resolving this issue by submitting the needed application materials and erosion control measure plans to the DNR, which were necessary to continue construction activities on the farmstead. Fortunately, very few additional erosion control measures were needed to install, resulting in very minimal additional cost for Clarence Tryba.

After construction there was an immediate concern with Clarence Tryba with the transfer system to the manure storage facility. Due to the increased distance to pump the manure, and unfamiliar management practices needed but not occurring in the barn, the transfer pipe plugged during the first week after the system was being utilized. Clarence resolved this problem by reducing and chopping the bedding material for the dairy cows, and adding additional water (eventually milkhouse waste water) to the system which enhanced the waste to move through the transfer system.

7. Grantee Certification.

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

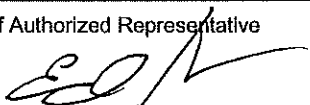
Name of Authorized Representative (type or print) ↓

Ed Hammer

Title of Authorized Representative (type or print) ↓

Director

Signature of Authorized Representative



Date

11-20-2009

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.

Send the printed, signed original Final Report with attachments + electronic version to the Community Financial Assistance Grants Manager. Community Financial Assistance will forward to Runoff Management Section Grants Coordinator.

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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8.B. Comments about this project:

8.C. Type or print Name of Regional NPS Coordinator →

Karen S. Voss

8.D. Signature of Regional NPS Coordinator

Karen S. Voss

8.E. Date

11/30/09