

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: Doherty Livestock Operation 151	2.2. Grant Number: TRC-UR06-11000-09C	
2.3. Governmental Unit Name: Columbia County	2.4. Primary Watershed Name: Upper Crawfish River	2.5. Watershed Code: UR06

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	Jerome Doherty site 1	Jerome Doherty site 2			
Cost-Share Agreement Number (Agricultural only)	TRM Doherty-09	TRM Doherty-09			
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	070980010702	070980010702			
Nearest Surface Receiving Water Affected					
Name:	North Branch Crawfish River	North Branch Crawfish River			
Waterbody Identification Code(s) (WBIC):	843100	843100			
Nearest Impaired Water Affected					
Name:	Lazy Lake	Lazy Lake			
Waterbody Identification Code(s) (WBIC):	843400	843400			
Pollutants Reduced	Phos/Sediment	Phos/Sediment			
Impairments/Impacts Addressed	NPS/Nutrients	NPS/Nutrients			

Project Location(s) (cont.) ->	A.	B.	C.	D.	E.
Project Coordinates:					
Town	T11N	T11N			
Range	R11E	R11E			
Section	22	26			
Quarter	SW	NW			
Quarter-Quarter	NW/SW	SW/NW			
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	43 24'10.0"	43 23'40.2"			
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	89 10'21.9"	89 9'90.9"			

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"	acres	
Manure Storage Facilities: New Construction/Alterations	Number of facilities	1 facilities	
	Number of animal units	140 animal units	
Manure Storage Facilities: Closure	Number of facilities	1 facilities	
Manure Storage Facilities: Falling/Leaking Facilities	Number of facilities	1 facilities	
	Number of animal units	140 animal units	
Clean Water Diversions in WQMA	Pollutant load reduction	78 lbs.	Barney
	Number of farms with diversions	1 farms	
	Number animal units	140 animal units	
Nutrient Management on Agricultural Land	Acres planned	621 acres	
Prohibition: Manure Storage Overflow	Number of farms	farms	
	Number of animal units	animal units	
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	farms	
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	78.4 lbs.	Barney
	Number of facilities	1 facilities	
	Number of animal units	140 animal units	
Prohibition: Unlimited Livestock Access	Feet of bank protected	feet	
	Number of farms	farms	

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	
Fuelling & maintenance areas	Oil 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)	Comments:
<input type="checkbox"/> Reduce TSS	
<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	1/27/2012	columbia County LWCD	Jerome Doherty	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1/27/2012
				<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.)

This project was used to control several NPS NR 151 areas of concern. A failing manure storage structure, direct discharge from barnyard issues and some need to keep clean water off feedlot in SWQM area. Cost sharing was used to construct a new manure storage structure to allow us to properly abandon the failing structure and to do some clean water diversion work to address and minimize clean water from contacting feedlot area. The cost sharing fell short of what was needed along with some complicated timing issues related to the closure of one structure and the completion of the new system. Cost sharing was used to cost share manure storage in 2011, and per an amendment to cost share agreement via a memorandum of understanding that we felt best fitted the logistical and weather related challenges of this project, have secured agreement that the landowner will complete the final abandonment and final clean water work in the Spring of 2012.

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

this landowner had installed a manure storage structure before the current NRCS 313 standard and associated ordinance was in place. He said he checked with this office way back then and they told him as long as he lined it with something it would not need permit and would not be a problem. Old ordinance basically said if you do something other than just dig a hole, no oversight needed. Made no reference to separation from groundwater, soils etc. So when we located this site via our NR 151 inventory, and approach landowner he was not very happy. He felt as if he received guidance. The old structure was a real problem in groundwater which was causing volume and runoff issues. After working with him and helping him understand rules and expectations, he finally agreed to abandon the existing structure and install some clean water diversions to bring the P loads down from his feedlots and minimize direct discharge issues. In the end he was very happy with project and would be consider a conservation cooperator. We did not feel the money spent on a full blown barn yard would be cost effective, we felt additional storage and clean water work was better management for this site.

7. Grantee Certification.

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

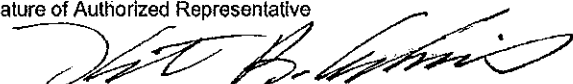
Name of Authorized Representative (type or print) ↓

Kurt R. Calkins

Title of Authorized Representative (type or print) ↓

Director of LWCD Columbia County

Signature of Authorized Representative



Date

1/27/2012

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.

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8.B. Comments about this project:	
8.C. Type or print Name of Regional NPS Coordinator →	
8.D. Signature of Regional NPS Coordinator	8.E. Date