

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

Hughes
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: Hughes Livestock Operation 151		2.2. Grant Number: TRC-UR06-11000-09 B	
2.3. Governmental Unit Name: Columbia County Land & Water Conservation Department		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	Thomas & Sharon Hughes	Thomas & Sharon Hughes			
Cost-Share Agreement Number (Agricultural only)	001	001			
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	070900010703	070900010703			
Nearest Surface Receiving Water Affected					
Name:	North Branch Crawfish River	Unnamed			
Waterbody Identification Code(s) (WBIC):	843100	5031042			
Nearest Impaired Water Affected					
Name:	Crawfish River-Columbus Mill pond	Crawfish River-Columbus Mill pond			
Waterbody Identification Code(s) (WBIC):	842500	842500			
Pollutants Reduced	Phosphorus	Phosphorus			
Impairments/Impacts Addressed					

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Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	11N	11N			
Range	11N	11N			
Section	15	12			
Quarter	NW	SE			
Quarter-Quarter	SE	SW			
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	43 25' 19.6"	43 25' 49.7"			
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	89 3' 33.0"	89 0' 51.2"			

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"	367 acres	SNAP-PLUS
Manure Storage Facilities: New Construction/Alterations	Number of facilities	2 facilities	
	Number of animal units	196 animal units	
Manure Storage Facilities: Closure	Number of facilities	facilities	
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	1 facilities	
	Number of animal units	140 animal units	
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	367 acres	SNAP-PLUS
Prohibition: Manure Storage Overflow	Number of farms	1 farms	
	Number of animal units	140 animal units	
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	2 farms	
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	83 lbs.	Phos. through Barny
	Number of facilities	2 facilities	
	Number of animal units	196 animal units	
Prohibition: Unlimited Livestock Access	Feet of bank protected	1500 feet	
	Number of farms	1 farms	

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Table A. Agricultural Projects. (continued)			
A.2. Other Management Measures		Units of Measure	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	
NR 151 Compliance Funding	10/28/2009	Columbia County Land & Water Conservation Dept.	Thomas & Sharon Hughes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10/28/2009
NR 151 Compliance Satisfaction	12/28/2012	Columbia County Land & Water Conservation Dept.	Thomas & Sharon Hughes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/28/2012
				<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.)

Relocated an overwintering animal lot site that was in a WQMA area, to a barn yard heavy use area that has a contoured cropland vegetative treatment buffer strip. This also required a small storage structure to collect manure to distribute per the nutrient management plan. The storage area handles some of the manure that was previously left on the over wintering site year after year. Unnamed Tributary sight also has manure storage and a new cropland vegetated treatment buffer strip.

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

Removing an overwintering area from a WQMA it is truly hard to estimate the true value of pollutant reductions in regard to soil loss, and nutrients. Also to quantify the true savings that the nutrient management plan is producing without a past history of what the nutrient management on the farm was is hard to determine.

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, Columbia County Land & Water Conservation Department

Signature of Authorized Representative



Date

3/22/2013

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.

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