

**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.

- 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
- Notice of Discharge Grant

**2. PROJECT NAME & LOCATION.**

2.1. Project Name: Healy Dairy Runoff Management	2.2. Grant Number: TRC-LW20-11000-11	
2.3. Governmental Unit Name: Columbia County Land & Water Conservation Department	2.4. Primary Watershed Name: Lake Wisconsin	2.5. Watershed Code: LW20

**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	John D. Healy				
Cost-Share Agreement Number (Agricultural only)	1				
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	070700050102				
Nearest Surface Receiving Water Affected					
Name:	North Branch Duck Creek				
Waterbody Identification Code(s) (WBIC):	1267500				
Nearest Impaired Water Affected					
Name:	Lake Wisconsin				
Waterbody Identification Code(s) (WBIC):	1260600				
Pollutants Reduced	Phosphorus				
Impairments/Impacts Addressed	NR151.055 NR151.07				

**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)

Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	12N				
Range	11E				
Section	5				
Quarter	NE				
Quarter-Quarter	SE				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	43 31' 57"				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	89 12' 48"				

**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"	208 acres	SNAP-Plus
Manure Storage Facilities: New Construction/Alterations	Number of facilities	facilities	See #5 Additional Info
	Number of animal units	animal units	
Manure Storage Facilities: Closure	Number of facilities	facilities	See #5 Additional Info
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	facilities	
	Number of animal units	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	208 acres	SNAP Plus 590 plan
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	lbs.	See #5 Additional Info
	Number of facilities	facilities	
	Number of animal units	animal units	
Prohibition: Unlimited Livestock Access	Feet of bank protected	feet	
	Number of farms	farms	

- 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)

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 <sup>3</sup> /year	
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year	ft <sup>3</sup> /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

planning product:	acres	acres	acres
-------------------	-------	-------	-------

<b>C.3. Products developed</b> (check all below that apply)	<b>Identify Documents by Name (if applicable)</b>
<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:	
<b>C.4. Identify the Storm Water goals addressed</b> (check all that apply)	
<input type="checkbox"/> Reduce TSS	<b>Comments:</b>
<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	
NR151.055, NR151.07	12/23/2014	Columbia County Land & Water Conservation Dept.	John D. Healy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/23/2014
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

- 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)

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

This portion of project that was completed is a small portion of whole project the majority of project is being completed next year. Nutrient management and processed waste water for milkhouse were the performance issues that have been addressed. The compliance/status letter from LWCD to landowner (12/23/2014) captures the status of performance standard and pollution reduction work that will be completed in 2015. Upon final completion, this project in combination with additional work (2015) will provide for a complete and direct management system to manage manure, milkhouse waste, abandon current waste storage/stacking site and correct direct discharge from feedlot/stored manure. Final pollution reductions will be reported upon full completion at end of 2015.

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

Time window of project, procedurally in general it takes a good 6 months to discuss and organize what the landowner will work on including the development of application. Once application is submitted it takes estimated year to determine if application is accepted. Due to this longer process undoubtedly things change over time. This project the economic down turn for milk followed by two summers of drought conditions made it difficult to take on extra debt load during the project installation time frame of the grant period. Also in order to make this project work some of the practices originally planned for grant had to look for other means of financial support because of grant amount limitations. So when milk prices came back weather related issues cause a late start for the construction season but also a early end to the construction season, which led to a contractor and material supply issues for the project. Cement and concrete sourcing related issues created a domino impact with contractors, tied to existing projects, etc. Overall, even with complications, this project will result in very sustainable, water quality protections upon final completion.

**7. Grantee Certification.**

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

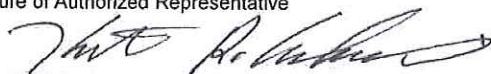
Name of Authorized Representative (type or print) ↓

Kurt R. Calkins

Title of Authorized Representative (type or print) ↓

Director, Land & Water Conservation Department

Signature of Authorized Representative



Date

12/19/2014

**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.

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

**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)

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