

**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: <b>Berg Animal Waste Management</b>	2.2. Grant Number: <b>TRC-GB02-58000-12C</b>	
2.3. Governmental Unit Name: <b>Shawano County</b>	2.4. Primary Watershed Name: <b>Pensaukee River</b>	2.5. Watershed Code: <b>GB02</b>

**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	Shawano County				
Cost-Share Agreement Number (Agricultural only)	TRM-59-12-01				
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	040301030102				
Nearest Surface Receiving Water Affected					
Name:	North Branch Pensaukee River				
Waterbody Identification Code(s) (WBIC):	414000				
Nearest Impaired Water Affected					
Name:	Pensaukee River				
Waterbody Identification Code(s) (WBIC):	412900				
Pollutants Reduced	Nitrogen, Phosphorus				
Impairments/Impacts Addressed	None				

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DNR GREEN BAY

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Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	27				
Range	18				
Section	21				
Quarter	<del>NE</del> SE				
Quarter-Quarter	<del>SE</del> NE				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	<del>N44d 00m 14sec</del> 44.8015				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	<del>W88d 31m 31sec</del> -88.3134				

## 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	Project
	Number of animal units	350 animal units	DATCP AU Calculation Sheet
Manure Storage Facilities: Closure	Number of facilities	facilities	
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	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	175.3 lbs.	Barney Spreadsheet
	Number of facilities	1 facilities	Project
	Number of animal units	210 animal units	DATCP AU Calculation Sheet
Prohibition: Unlimited Livestock Access	Feet of bank protected	feet	
	Number of farms	farms	



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Table A. Agricultural Projects. (continued)		Units of Measure	Quantity	Measurement Method Used
A.2. Other Management Measures				
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
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planning product:	acres	acres	acres
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<b>C.3. Products developed</b> (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:	
<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	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<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.)

Depth to bedrock of 8-10 feet made a vertical wall manure storage the best for this site and the operators management. That is one reason why the cost of this project was higher than other similarly sized concrete lined manure pits with we typically install. Without the aid of this TRM Grant along with EQIP funding, the landowner would not have been able to afford to build this manure storage system (the storage was increased from the original design when EQIP funds were awarded) and barnyard runoff controls on his own and therefore would have continued to risk contamination of groundwater in the highly sensitive soils and shallow depth to bedrock that are present on this farm. Installation of this project has insured that nutrients on this farm will be applied to crops according to a 590 Plan, minimizing surface runoff & groundwater contamination.

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

There were not any major challenges with this project. The weather played the largest challenge in completing this project. As far as procedural challenges, there were very few. Even though this project spanned 2 years with different components built in each year, we have not encountered problems with reimbursement paperwork or getting other required payments made. NRCS also added some cost share money during the 2<sup>nd</sup> year of the TRM grant, but our agencies worked together very well and we were able to both process our payments, while not overlapping funding, in a timely fashion.

**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) ↓

Scott Frank

Title of Authorized Representative (type or print) ↓

County Conservationist

Signature of Authorized Representative

*Scott M. Frank*

Date

12/17/13

**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:

EQIP funds used to provide additional manure storage.  
Lact 44.8015  
Lon -88.3134

8.C. Type or print Name of Regional NPS Coordinator → *Erin E. Hanson*

8.D. Signature of Regional NPS Coordinator

*Erin E. Hanson*

8.E. Date *12/30/13*