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)**

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:	2.2. Grant Number:	
Rieck's Lake Stabilization, Phase III	**TRC-BT07-06000-08H**	
2.3. Governmental Unit Name:	2.4. Primary Watershed Name:	2.5. Watershed Code:
Buffalo County - Land Conservation Department	**Lower Buffalo River**	**BT07**

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	**Allen Gleiter**	**Allen Gleiter**	**Allen Gleiter**	**Noll's Dairy Farm**	
Cost-Share Agreement Number (Agricultural only)	**AG-08-TRM**	**AG-08-TRM**	**AG-08-TRM**	**ND-08-TRM**	
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	**070400030205**	**070400030205**	**070400030205**	**070400030205**	
Nearest Surface Receiving Water Affected					
Name:	**Reisch Creek**	**Reisch Creek**	**Reisch Creek**		
Waterbody Identification Code(s) (WBIC):	**1814200**	**1814200**	**1814200**		
Nearest Impaired Water Affected					
Name:	**na**	**na**	**na**	**na**	
Waterbody Identification Code(s) (WBIC):	**na**	**na**	**na**	**na**	
Pollutants Reduced	**sedimentation to the stream**	**sedimentation to the stream**	**sedimentation to the stream**	**sedimentation to the stream**	
Impairments/Impacts Addressed	**instream sedimentation, scouring, etc.**	**instream sedimentation, scouring, etc.**	**instream sedimentation, scouring, etc.**	**instream sedimentation, scouring, etc.**	

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Project Location(s) (cont.) →	**A.**	**B.**	**C.**	**D.**	**E.**
Project Coordinates:					
Town	**21**	**21**	**21**	**21**	
Range	**12**	**12**	**12**	**13**	
Section	**6**	**6**	**6**	**1**	
Quarter	**NW**	**NW**	**SW**	**NW**	
Quarter-Quarter	**SE**	**SE**	**NE**	**NE**	
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	**44-19-26N**	**44-19-36N**	**44-19-44N**	**44-19-53.1N**	
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	**91-52-43W**	**91-52-45W**	**91-52-51W**	**91-53-55.1W**	

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	**facilities**	
	Number of animal units	**animal units**	
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	**lbs.**	
	Number of facilities	**facilities**	
	Number of animal units	**animal units**	
Prohibition: Unlimited Livestock Access	Feet of bank protected	**feet**	
	Number of farms	**farms**	

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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: **grade stabilization structures - Peak Flow Discharge**	Units (use feet, acres or number as applicable)	**91**	**reduction in CFS(cubic feet per second)of water to a stream**
	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	☐**Yes** ☐ **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**

C.3. Products developed (check all below that apply)	Identify Documents by Name (if applicable)
☐ Storm Water Plan	
☐ Construction or Erosion Ordinances	
☐ Post-construction Storm Water Ordinances	
☐ Other Types of Storm Water Quality Ordinances	
☐ Financing Methods: identified and evaluated	
☐ Financing Methods: developed or implemented	
☐ I & E Plan	
☐ I & E Implementation Activities	
☐ Other:	

C.4. Identify the Storm Water goals addressed (check all that apply)	
☐ Reduce TSS	**Comments:**
☐ Maintain infiltration	
☐ Control Peak Flow	
☐ Protective Areas	
☐ Control of Fueling & Maintenance Areas	
☐ Remove Illicit Discharges	
☐ 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? Yes	Satisfied? No	Date Letter Sent
				☐	☐	
				☐	☐	
				☐	☐	
				☐	☐	

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

The largest percentage of streams in Buffalo County are impacted by sedimentation to the stream, which ultimately causes in-stream sedimentation, scouring, etc. The Lower Buffalo River Watershed is the area for this project and all the streams in that watershed are impacted by sedimentation to the streams from such activities such as non-point source pollution, streambank erosion, streambank pasturing (which has been reduced to a minimum, with the smaller cattle numbers in that watershed) and cropland erosion. Grade Stabilization structures are a very common practice to address gully erosion, especially when the gully is cutting into a cropped field, for example. These structures are relatively inexpensive for the long-term impact they have to reduce erosion to the stream. In some cases, when the structure is constructed for upland erosion, it is necessary to construct a waterway to catch the water runoff from the outlet of the structure. No grassed waterways are necessary at the outlet to the structures in this grant project. Waterways are either currently in place or not needed. No photos are available for these conservation practices. Practices were not constructed for compliance with any of the Performance Standards, so there is no Certification of Compliance with this Final Report. I have attached contracts for technical assistance from each of the landowners and a listing of the technicians hours to request reimbursment for Engineering Services.

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

The greatest challenges when constructing grade stabilization structures is to find an ideal time of the year for construction and quality of suitable fill material, which is free of large rocks. An unecessary increase in cost can arise when fill material needs to be trucked to the site. Grade Stabilization structures are typically not constructed in the spring, because of real wet soils and not in a summer, when it has been real dry, because the compaction process is not completed as adequate with these extreme soil conditions. Landowners may not want their crops distrubed for the purpose of construction, so they like to wait until the crops are harvested in the fall and sometimes it gets to late in the fall for a good grass cover to be established to protect from soil erosion in the following spring runoff. We were fortunate to be able to construct all the structures in this grant at a time of the year to allow for a good grass cover and proper compaction.

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) ↓	Title of Authorized Representative (type or print) ↓
Julie Lindstrom	**County Conservationist**

Signature of Authorized Representative	Date

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