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Department of Natural Resources

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BUREAU OF WATERSHED MGMT

Final Report

Targeted Runoff Management Grant Program and Urban Nonpoint Source and Storm Water Management Grant Program

Form 3400-189 (R 11/05)

Notice: This final report is authorized by ss.281.65 and 281.66, Wis. Stats., and chs. NR 153 and NR 155, Wis. Adm. Code. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

Instructions: The grant agreement requires grantees to submit a Final Report 60 days after the end date listed in the grant agreement. 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.

1. Grant Type

☒ Agricultural - Targeted Runoff Management Grant

☐ Urban - Targeted Runoff Management Grant

☐ Construction - Urban Nonpoint Source & Storm Water Management Grant

☐ Planning - Urban Nonpoint Source & Storm Water Management Grant

2. Grantee & Project Information

Project Name	Grant Number
Jeremy Schwittay Farm	**TRC-GB07-38000-05B**
Governmental Unit Name	Governmental Unit Type (city, village, town, etc.)
Marinette County	**County**
Watershed Name	Watershed Code
Lower Peshtigo River	**GB07-150**
DNR Water Management Unit (River System) Name	Water Body Identification Code (WBIC) (if applicable)
Upper Green Bay Basin	**516100**

s. 303(d) Waterbody? ☐ Yes ☒ No

What pollutant(s) were addressed by the project?

Phosphorus, BOD, organic matter, Nitrogen and other nutrients

For **each** project site location provide the following: (attach additional sheets if necessary)

Location:		A	B	C	D	E
Minor Civil Division Name		**Grover**	**Grover**			
PLSS	Town	**30N**	**30N**			
	Range	**22E**	**22E**			
	Section	**19**	**30**			
	Quarter	**SE**	**NE**			
	Quarter-Quarter	**E1/2**	**N1/2 NE1/4**			
Latitude		**45 2' 58"**	**45 2' 56"**			
Longitude		**87 52' 13"**	**87 52' 13"**			
Property Owner(s)	Name	**Ardis Schwittay**	**Ardis Schwittay**			
	Mailing address	**W5314 Town Hall Rd** **Peshtigo, WI 54157**	**W5314 Town Hall Rd** **Peshtigo, WI 54157**			
Site address *(if different than mailing address)*						

3. Summary of Results

A. Performance Standards and Prohibitions and Other Water Resources Management Priorities

For grants issued in calendar year 2006 or later, complete Tables A and B (following) consistent with the entries on your grant application. For grants issued prior to calendar year 2006, complete Tables A and B, *to the best of your knowledge*, consistent with the entries on your grant application.

Table A. Performance Standards and Prohibitions (per ch. NR 151, Wis. Adm. Code, effective October 1, 2002)

Performance Standard or Prohibition	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting T		
Manure Storage Facilities: New Construction/Alterations	Number of facilities	**1**	**Count**
	Number of animal units	**333**	**Count**
Manure Storage Facilities: Closure	Number of facilities		
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities		
	Number of animal units		
Clean Water Diversions in WQMA	Pollutant load reduction		
	Number of farms with diversions		
	Number animal units		
Nutrient Management on Agricultural Land	Acres planned		
Prohibition: Manure Storage Overflow	Number of facilities		
	Number of animal units		
Prohibition: Unconfined Manure Pile in WQMA	Number of farms		
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	**65**	**BARNY**
	Number of facilities	**1**	**Count**
	Number of animal units	**100**	**Count**
Prohibition: Unlimited Livestock Access	Feet of bank protected		
	Number of farms		
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced		
	% TSS reduction		

Table B. Other Water Resources Management Priorities

I. Agricultural Areas	Units of Measure	Quantity	Measurement Method Used
Buffers	Feet of bank protected		
	Number of farms		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
II. Developed Urban Areas	**Units of Measure**	**Quantity**	**Measurement Method Used**
Urban: 20-40% Reduction in TSS	Pounds TSS reduced		
	% TSS reduction		
Infiltration	% Pre-development stay-on volume		
	Cubic feet stay-on volume		
Peak flow discharge	Change in cubic feet per second		
Protective areas	Feet of bank protected		
Fueling & maintenance areas	Oily sheen presence		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
III. Planning	**Units of Measure**	**Quantity**	**Measurement Method Used**
Quantify how implementation of the planning project decreased storm water impacts on state waters (*i.e.*, storm water plan, I & E plan, *etc.*)	Municipalities planned for		
	Acres planned for		
Document/track progress made in implementing the planning product (*i.e.*, ordinance, utility district evaluation/formation, storm water management plan information & education, *etc.*)	Municipalities planned for		
	Acres planned for		
Other (specify)			

B. Project Results Narrative

The project site is located adjacent to a large wetland/pond complex. This project eliminated the direct flow of runoff from the animal lot to the wetland/pond by installing a grassed buffer and berm. A manure storage facility sized to also hold milkhouse waste was constructed along with a transfer system. Heavy use area protection practices were installed and clean water diverted around the barnyard. With luck and proper management, the practices installed will keep barnyard runoff, including 65.9 pounds of phosphorus, out of the wetland. The manure storage will end winter spreading of manure on 570 acres of cropland.

4. Satisfaction of Notice Requirements (if applicable)

If cost sharing for this project was offered under a formal notice to achieve compliance with performance standards or prohibitions, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
				Satisfied?		
Notice Type	Issue Date	From (Name)	To (Name)	Yes	No	Date Letter Sent
				☐	☐	
				☐	☐	
				☐	☐	
				☐	☐	

5. Summary of Project Challenges

During construction of the manure storage facility a seep was hit that threatened to flood the pit. A tile line was installed to drain the area.

We also requested to abandon the barnyard and use the money that would have been spent on BMP's there to fund the construction of total confinement across the road. This would have totally and permanantly eliminated even the chance of polluted runoff reaching the wetland. This option was denied. After barnyard practices were already installed, someone in Central office changed their mind about this option (I was told it was because Dane County got permission to do it). Instead of keeping cattle over four hundred feet away on land that drained away from surface waters, the cattle are kept fifty feet away from the pond. This leaves pollution reduction dependent on good luck and good management.

6. Additional Information about the Project (optional)

7. Planning Product (UNPS&SW - Planning Projects only)

☐ Check here if a printed copy of the planning product (e.g., plans, ordinances, analyses) was sent to your DNR Regional Nonpoint Source Coordinator.

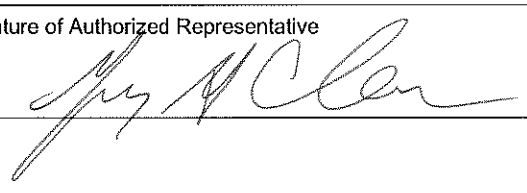
Name of Document	Date(s) effective	Date Submitted to NPS Coordinator

8. Grantee Certification:

☒ Check here to certify that, to the best of your knowledge, the information contained in this report is correct and true.

Type or print Name and Title of Authorized Representative certifying here.

Gregory G. Cleereman

Signature of Authorized Representative	Date
	12/21/06 REVISED 3/20/07