State of Wisconsin Department of Natural Resources-WT/3 101 S. Webster St. Madison, WI 53707

dnr.wi.gov

Final Report

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

Form 3400-189 (R 6/08)

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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: Your grant agreement requires you 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. The DNR prefers that Final Reports be submitted in electronic format. If, however, printed copies of Final Reports are submitted, please submit three (3) complete originals to your regional Nonpoint Coordinator.

1. Grant Type Please check one.			
☐ 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		
2. Grantee & Project Information			
Project Name	Grant Number		
Hibbards Creek/Kiehnau Project	TRC-TK06-15000-06A		
Governmental Unit Name	Primary Watershed Name and Watershed Code		
Door County Soil and Water Conservation Department	Upper Door County/TK06-100		
Nearest Water Body Name	Nearest Water Body Identification Code (WBIC) (if applicable)		
DNR Water Management Unit (River System) Name	s. 303 (d) Listed Waterbody? Yes No.		
Twin Door-Kewaunee			
What pollutant(s) were addressed by the project (e.g., nitrogen, phospho	rus, sediment, thermal control, <i>etc.</i>)?		
Bacteria, Nitrates, Phosphorus and Sediment			
For each project site lengtion provide the following. (attends additional about			

For <u>each</u> project site location provide the following: (attach additional sheets if necessary)

	Location:	A nomen	В	C	D	E
1	Division Name nship, Village, etc.)	Town of Egg Harbor	Town of Egg Harbor			
PLSS	Town	30N	30N			
	Range	27E	27E			
	Section	28	32			- X. - X.
	Quarter	sw	NE			
	Quarter-Quarter	SE	NW			
seconds N	egrees, minutes, orth of Equator; use Surface Water Data VDV)	45°, 2', 27"	45°, 2', 22"			
	(degrees, minutes, / of Prime Meridian, VDV)	87°, 13', 38"	87°, 14', 33''			
Property Owner(s)	Name	Robert Kiehnau	Robert Kiehnau			
	Mailing address	3896 Maple Tree Rd, Egg Harbor WI 54209	3896 Maple Tree Rd, Egg Harbor WI 54209			

Site address (Not mailing address)	4141 Maple Tree Rd, Egg Harbor WI 54209			
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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.

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	336	RUSLE 2
Manure Storage Facilities: New Construction/Alterations	Number of facilities	2	Count
	Number of animal units	131	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	52	BARNY
	Number of farms with diversions	2	Count
	Number animal units	131	Count
Nutrient Management on Agricultural Land	Acres planned	336	Count
Prohibition: Manure Storage Overflow	Number of facilities		
	Number of animal units		
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	1	Count
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction		
	Number of facilities		
	Number of animal units		
Prohibition: Unlimited Livestock Access	Feet of bank protected		
	Number of farms		
Jrban: 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	Municipalities planned for		
decreased storm water impacts on state waters (i.e., storm water plan, I & E plan, etc.)	Acres planned for		
Document/track progress made in implementing the	Municipalities planned for		
planning product (i.e., ordinance, utility district evaluation/formation, storm water management plan information & education, etc.)	Acres planned for		

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Other (specify)						1	
bedrock. The first site was address of a picket outlet that mestorage calculated. An active stored. All liquids are pure the second site was additional's farm. The build deposited directly into the As a requirement of the County SWCD was able to	two locations to add ssed in 2006 and the ters liquids to an 8". Idditional ring was a mped from the sum dressed in 2007 and ding was constructed the storage and the re- cost-share agreem to apply county cost	e project comprised of X8'X8' sump with a sub dded to the existing Slup to the storage. If the project comprised adjacent to the exist oof allows for handling et, Robert was required t-share funds to his nut ollected and stored in I	noff and an unconfined maconstrucion of a two foot mersible pump. All liquids urry Storage to allow for an of construciton of a Roofe ing barn and utilizes the eas a solid to remain cons I to assemble and implement management costs. ong term manure storage	wall around the sare routed to to to dequate capacidad Manure Stora xiting barn clea istent with the rent a nutrient m	existi he sur ty for t ge at t ner/sta nanage	ng barn np with he addi the heife acker. N ement o ment pl	yard and addition some on-lot tional liquid being er facility for the lanure is of this operation. an. The Door
•							
Satisfaction of Notice Re If cost sharing for this proje			ve compliance with performa	ance standards o	r prohi	bitions	provide information
for each notice in the table	below.		ve compliance with performe	ance standards c			
	I	lotice Information			Notice Satist		action Information
Notice Type	Issue Date	From (Name)	To (Nan	ne)	Yes	No	Date Letter Sent
,,,,,,		(13)	(******		П		
	1 - 1						
5. Summary of Project Cha							
Bedrock, though expect	ed, was a challenge	e at both sites. Excavatind the elevation of the s	ion at the home farm inclu slab had to be adjusted ac	ded blasting fo cordingly to me	r the b	arnyard eration	sump. The heifer required in NRCS
6. Additional Information at	oout the Project (option	onal)					
Both sites for this opera willing project participant	tion were dischargi s. The overall resul	ing pollutants to ground It at both sites is succe	dwater. The Kiehnaus are ss.	very conciensu	s oper	ators a	nd were very
7. Final Product(s) All Pr	ojects						
A. Construction P	rojects						
A.1. Checking here Coordinator.	indicates that a print	ted copy of project plans	and specifications was sent	to your DNR Re	gional	Nonpoir	nt Source
A.2. Checking here	indicates that photo-	-documentation of the pro	oject's construction is attach	ed.			
B. Planning Projects	<u>; </u>						
B.1. Checking here Nonpoint Source Co		ed copy of the planning p	product (e.g., plans, ordinand	ces, analyses) w	as sen	to your	DNR Regional
B.2. Checking here	indicates that the Re	gional Nonpoint Source (Coordinator has approved th	ne final Planning	Produc	ct(s).	
B.3. Checking here	indicates that your go	overnmental unit has add	pted the final Planning Prod	duct(s).			
Name of Planning Document(s) Date(s) effective Date Submitted to NPS Coordinator							
8. Grantee Certification:							
Checking here certifi	es that, to the best o	f your knowledge, the inf	ormation contained in this re	eport is correct a	nd true		

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Type or print Name and Title of Authorized Representative certifying here. William Schuster	
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Signature of Authorized Depresentative	12 2 DR
Asserting to the second of the	
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9. FOR DEPARTMENTAL USE ONLY	
REGIONAL NONPOINT COORDINATOR Please complete the following:	
Checking here indicates that you received either planning or construction plans and specifications from the Attach a copy of the approval.	ne project sponsor, as appropriate.
Checking here indicates that you approved the final construction. Attach a copy of the final construction	approval.
Checking here indicates that you have approved the final Planning Product(s).	
Check here if two (2) signed, original copies of the Final Report and attachments have been sent to Runc Coordinator. Note: Regional Nonpoint Source Coordinator may retain one (1) copy of the signed, original contents and attachments have been sent to Runch Coordinator.	off Management Section Grants
Type or print Name of Regional Nonpoint Coordinator	
Signature of Regional Nonpoint Coordinator	Date

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