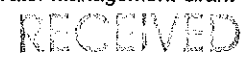


Notice: This final report is authorized by ss. 281.65 and 281.66, Wis. Stats., and chs. NR 153 and NR 155, Wis. Adm. Code. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records Law [ss. 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 Storm Water Management Plan	Grant Number USP-LF05-05136-02
Governmental Unit Name Howard	Primary Watershed Name and Watershed Code Duck Creek, LF05 & Suamico River, GB01
Nearest Water Body Name	Nearest Water Body Identification Code (WBIC) (if applicable)
DNR Water Management Unit (River System) Name Duck Creek, Suamico River	s. 303 (d) Listed Waterbody? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No. Duck Creek

What pollutant(s) were addressed by the project (e.g., nitrogen, phosphorus, sediment, thermal control, etc.)?

Total Suspended solids (TSS) were modeled, however, phosphorous, copper, lead, etc will also be reduced.

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

Location:		A	B	C	D	E
Minor Civil Division Name (City, Township, Village, etc.)		Village of Howard	Town of Scott			
PLSS	Town	T24N	T24N			
	Range	R19E	R20E			
	Section	1-3, 11, 12	1-18, 21			
	Quarter					
	Quarter-Quarter					
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer, SWDV)		44N	44N			
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)		-88W	-88W			
Property Owner(s)	Name					
	Mailing address					
Site address (Not mailing address)		Central - Village of Howard	East & West corners - Village of Howard			

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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		
Manure Storage Facilities: New Construction/Alterations	Number of facilities		
	Number of animal units		
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		
	Number of facilities		
	Number of animal units		
Prohibition: Unlimited Livestock Access	Feet of bank protected		
	Number of farms		
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced	1739856	SLAMM
	% TSS reduction	48	SLAMM

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	1739856	SLAMM
	% TSS reduction	48	SLAMM
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>i.e.</i> , storm water plan, I & E plan, <i>etc.</i>)	Municipalities planned for	1	Village of Howard
	Acres planned for	11280	
Document/track progress made in implementing the planning product (<i>i.e.</i> , ordinance, utility district evaluation/formation, storm water management plan information & education, <i>etc.</i>)	Municipalities planned for	1	Village of Howard
	Acres planned for	11280	

Other (specify)			
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B. Project Results Narrative

The project targeted urban non-point pollution reduction within the Village of Howard. Between street sweeping and detention ponds, TSS removal was achieved nicely. Detention ponds were sized according to NR 151 of the Wisconsin Administrative Code. Quality calculations were conducted for the village area using SLAMM & HydroCAD models. By 2013, 1,910,753 pounds of solids will be removed thru these treatment systems from a total of 3,650,609 pounds. 48% TSS removal was achieved throughout the village.

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		
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"/>	

5. Summary of Project Challenges

One of the bigger challenges were coming up with ways to reduce the TSS in more concentrated areas, such as utilizing existing ponds for TSS reduction or finding areas to fit regional ponds so as not to have many smaller ponds located throughout. I would have liked to look into swale systems more next time.

6. Additional Information about the Project (optional)

7. Final Product(s) -- All Projects

A. Construction Projects

- A.1. Checking here indicates that a printed copy of project plans and specifications was sent to your DNR Regional Nonpoint Source Coordinator.
- A.2. Checking here indicates that photo-documentation of the project's construction is attached.

B. Planning Projects

- B.1. Checking here indicates that a printed copy of the planning product (e.g., plans, ordinances, analyses) was sent to your DNR Regional Nonpoint Source Coordinator.
- B.2. Checking here indicates that the Regional Nonpoint Source Coordinator has approved the final Planning Product(s).
- B.3. Checking here indicates that your governmental unit has adopted the final Planning Product(s).

Name of Planning Document(s)	Date(s) effective	Date Submitted to NPS Coordinator
Storm Water Management Plan - Town of Howard	December 2004	12/04

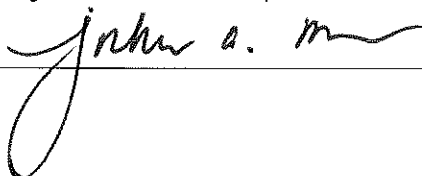
8. Grantee Certification:

- Checking here certifies 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.

Joshua Smith, Village Administrator

Signature of Authorized Representative



Date

4/30/09

9. FOR DEPARTMENTAL USE ONLY

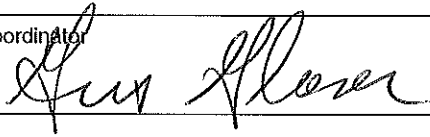
REGIONAL NONPOINT COORDINATOR -- Please complete the following:

- Checking here indicates that you received either planning or construction plans and specifications from the project sponsor, as appropriate. Attach a copy of the approval.
- 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 Runoff Management Section Grants Coordinator. Note: Regional Nonpoint Source Coordinator may retain one (1) copy of the signed, original Final Report.

Type or print Name of Regional Nonpoint Coordinator

Gus Glaser

Signature of Regional Nonpoint Coordinator



Date

2-10-10

Glaser could not locate the SWMP, nor the DNR approval of the plan