

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 Storm Water Management Plan	Grant Number USD-LF02-051A1-05
Governmental Unit Name Village of Wrightstown	Governmental Unit Type (city, village, town, etc.) Village
Watershed Name Apple/Ashwaubenon Creeks, PlumKankapot Creeks, East River	Watershed Code
DNR Water Management Unit (River System) Name	Water Body Identification Code (WBIC) (if applicable)

s. 303(d) Waterbody? Yes No

What pollutant(s) were addressed by the project?

Total Suspended Solids (TSS) primarily, but also included chemical (phosphorous, nitrates, etc.) and metallic (copper, lead, zinc, etc.) loadings

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

Location:		A	B	C	D	E
Minor Civil Division Name						
PLSS	Town					
	Range					
	Section					
	Quarter					
	Quarter-Quarter					
Latitude		44.327341				
Longitude		-88.167571				
Property Owner(s)	Name	Village of Wrightstown				
	Mailing address	529 Main Street, Wrightstown WI 54180				
Site address <i>(if different than mailing address)</i>						

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		
	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		
	% 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>i.e.</i> , storm water plan, I & E plan, <i>etc.</i>)	Municipalities planned for		
	Acres planned for		
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		
	Acres planned for		
Other (specify)			

B. Project Results Narrative

Twenty-five (25) basins were delineated based on existing drainage patterns/contours and storm sewers, and the 20-year growth plan for the Village. Each basin was categorized into various land use types, such as residential, commercial, institutional, industrial, conservancy and agricultural. The basins were then assessed for both the existing and proposed conditions using the computer programs Source Loading and Management Model (SLAMM) for storm water quality and HydroCAD for storm water quantity. All proposed detention ponds met the 80% TSS removal requirement and reduced the proposed peak flows to match the existing 10-year storm event. Data for all existing detention ponds was compiled and each pond was assessed based on whether it met current storm water quality and quantity standards.

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

The project recommendations and summary includes the following:

- The overall TSS removal for the Village is 68.8%, including both fully developed areas and proposed development.
- Construct detention ponds as development occurs and in developed areas.
- Construct detention ponds on a regional basis to minimize the overall number of ponds.
- Construct detention ponds to reduce proposed peak flows to match existing.
- Up-date existing ponds to meet current DNR storm water quality and quantity standards.

Challenges include determining storm water treatment possibilities in existing urban areas given most outfall discharges directly to waterways between developed parcels.

6. Additional Information about the Project (optional)

The storm water management plan also provided a design study for a the developing area along CTH U and Broadway Street.

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 Storm Water Management Plan	Date(s) effective 12/28/06	Date Submitted to NPS Coordinator 1/3/07
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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.

Daniel Stephany, Superintendent of Public Works

Signature of Authorized Representative	Date
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