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Department of Natural Resources

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Jim Parrow CFA/8
? W. Washington

Final Report

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

Form 3400-189 (R 11/05) Page 1

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

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- ☐ 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
UW Arboretum Storm Water Planning	**USP-LR08-13400-04**
Governmental Unit Name	Governmental Unit Type (city, village, town, etc.)
Board of Regenst of the University of Wisconsin System	**University**
Watershed Name	Watershed Code
Lake Wingra	**LR08**
DNR Water Management Unit (River System) Name	Water Body Identification Code (WBIC) (if applicable)
Lower Rock River	**?**

s. 303(d) Waterbody? ☒ Yes ☒ No

What pollutant(s) were addressed by the project?

TSS, P

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

Location:		A	B	C	D	E
Minor Civil Division Name		**Madison**				
PLSS	Town	**7N**				
	Range	**9E**				
	Section	**26,27,28,33**				
	Quarter					
	Quarter-Quarter					
Latitude		**43 02.470' N**				
Longitude		**89 25.795' W**				
Property Owner(s)	Name	**Board of Regenst of the University of Wisconsin System**				
	Mailing address	**1860 Van Hise Hall, 1220 Linden Dr., Madison 53706**				
Site address *(if different than mailing address)*		**1207 Seminole HighwayMadison, WI 53711-3726**				

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.e.*, storm water plan, I & E plan, *etc.*)	Municipalities planned for		
	Acres planned for	**1,260**	**Storm water plan adopted by UW-Arboretum**
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	**1260**	**BMPs planned for all runoff flows into to Arboretum**
Other (specify)			

B. Project Results Narrative

Good progress has been made toward implementing the storm water management options described in The University of Wisconsin Arboretum Facility Storm Water Management Plan (copy w/ Betz). In addition to the development of the Plan, this grant has led to the award of the following grants to support storm water management improvements at the Arboretum and in the surrounding watershed:

CY 2005-2006 WIDNR Urban Nonpoint Source & Storm Water Construction Grant, UW-Arboretum Pond #2;

CY 2006-2007 WIDNR Urban Nonpoint Source & Storm Water Construction Grant, UW-Arboretum Pond #4;

FY 2006 USEPA Pollution Prevention Grant, Business Storm Water Outreach Project - Developing a Statewide Pollution Prevention Self-Assessment Model For Industrial/Commercial Storm Water Runoff

Furthermore, the storm water planning process itself has dramatically improved the collaboration between the University of Wisconsin and the municipalities surrounding the Arboretum. At this time the Joint UW-Madison/City of Madison Arboretum Storm Water Task Force is negotiating long term funding for Arboretum storm water infrastructure development and maintenance. Finally, the Arboretum faculty, staff, visitors and neighbors enjoy a new awareness of the impact of storm water runoff on Arboretum natural areas and Lake Wingra. These stakeholders now can understand how to take action to improve water quality and reduce runoff volume in the watersheds draining to the UW-Arboretum.

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
N/A				☐	☐	
				☐	☐	
				☐	☐	
				☐	☐	

5. Summary of Project Challenges

None to report

6. Additional Information about the Project (optional)

Project time line (copy w/ Betz)

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.

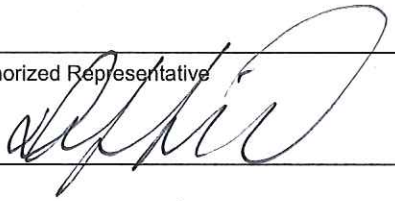
Name of Document	Date(s) effective	Date Submitted to NPS Coordinator
UW-Arboretum facility Storm Water Plan	**July 2006**	**8/3/06**

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.

David S. Liebl

Signature of Authorized Representative	Date
	**11/17/06 (signature 3/12/07)**