

# Final Report

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

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 <b>Stormwater Information &amp; Education Program</b>	Grant Number <b>USP-MI02-40251-05</b>
Governmental Unit Name <b>City of Milwaukee</b>	Governmental Unit Type (city, village, town, etc.) <b>City of Milwaukee</b>
Watershed Name <b>Milwaukee River South</b>	Watershed Code <b>MI02</b>
DNR Water Management Unit (River System) Name <b>Milwaukee River</b>	Water Body Identification Code (WBIC) (if applicable) <b>15000</b>

s. 303(d) Waterbody?  Yes  No

What pollutant(s) were addressed by the project?

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	<b>CITY WIDE</b>				
	Quarter					
	Quarter-Quarter					
Latitude						
Longitude						
Property Owner(s)	Name	<b>City of Milwaukee</b>				
	Mailing address	<b>841 N Broadway Mil. WI 53202</b>				
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		Development of a website to increase public awareness
	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		Quarterly progress report to the DNR
	Acres planned for		
Other (specify)			

**B. Project Results Narrative**

The results included the development of a website that makes informational and educational materials easily available to the public, provides erosion control information and literature, increases public awareness of water quality in the Milwaukee area and provides extensions to other stormwater topics like stenciling, Stormwater regulations, erosion control topics, illicit discharge information and other related stormwater issues.

The grant also helped the city make presentation to groups in the community to provide information on stormwater pollution. In addition, the grant was also used to promote and publicize the environmental merits and engineering accomplishments of the City's newly constructed bioretention facility located at West Canal Street and North 25th Street (extended)

**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**

**6. Additional Information about the Project (optional)**

Work under this grant consisted of multiple projects related to the City's Storm Water Information & Education and Stormwater Pollution Education Programs. Under the programs:

1. Conference titled "The Milwaukee Cleaner River Conference" was held on November 17, 2005. The conference targeted the land development community and City employees with the goals of explaining City storm water management programs and requirements.
2. Website dedicated to the City's storm water management program was developed and is accessible at [www.milwaukee.gov/stormwater](http://www.milwaukee.gov/stormwater).
3. Door hanger project to be used in conjunction with the City's illicit discharge detection program was developed and printed.
4. Stormwater pollution education module for middle school aged youth was developed. 82 presentations to approximately 2000, 7<sup>th</sup> and 8<sup>th</sup> grade students was performed.
5. An information and education module was developed to help promote and publicize the environmental merits and engineering accomplishments of the City's newly constructed bioretention facility located at West Canal Street and North 25th Street (extended).

**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
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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.

Signature of Authorized Representative	Date
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