

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

RECEIVED

JUN 19 2009

**2. Grantee & Project Information**

Project Name <b>City Of Baraboo Stormwater Program (Master Plan)</b>	Grant Number <b>USP-LW22-56206-06</b>
Governmental Unit Name <b>Baraboo</b>	Governmental Unit Type (city, village, town, etc.) <b>City</b>
Watershed Name <b>Narrows Creek and Baraboo River</b>	Watershed Code <b>LW22-172 LW21-172</b>
DNR Water Management Unit (River System) Name <b>Lower Wisconsin River Basin</b>	Water Body Identification Code (WBIC) (if applicable)

s. 303(d) Waterbody?  Yes  No

What pollutant(s) were addressed by the project?

**Total Suspended Solids**

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

Location:		A	B	C	D	E
Minor Civil Division Name		City of Baraboo	City of Baraboo	City of Baraboo		
PLSS	Town	12	12	11		
	Range	6E	7E	6E		
	Section	25-27, 34-36	30	1-3, 11-12		
	Quarter					
	Quarter-Quarter					
Latitude		43° 28' 00" N				
Longitude		89° 45' 00" W				
Property Owner(s)	Name	City of Baraboo				
	Mailing address	135 Fourth Street Baraboo, WI 53913				
Site address (if different than mailing address)						

**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	<b>140600</b>	
	% TSS reduction	<b>20</b>	

**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	<b>140600</b>	<b>P8 Modeling</b>
	% TSS reduction	<b>20</b>	<b>P8 Modeling</b>
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	<b>1</b>	<b>Count</b>
	Acres planned for	<b>3635</b>	<b>Count</b>
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	<b>1</b>	<b>Count</b>
	Acres planned for	<b>3635</b>	<b>Count</b>
Other (specify)			

**B. Project Results Narrative**

The purpose of this project was to develop a plan to reduce the amount of nonpoint source pollutants, in particular total suspended solids, discharged from the City of Baraboo MS4 to the Baraboo River, and other waterways draining through the City. Since this plan calls for TSS reduction to be achieved through a street sweeping program and the construction of water quality ponds, its implementation is also likely to reduce the amount of metals and nutrients discharged into area waterways.

Water quality modeling conducted for this project was done in PB. 88 natural and constructed stormwater management areas were evaluated. The implementation of a street sweeping program will achieve the required 20% reduction in the City's regulated TSS load. Modification to existing storm water management. Other deliverables/outcomes achieved through the planning proces funded by this include:

- Ordinances - Stormwater Management, Construction Site Erosion Control and Illicit Discharge Ordinances drafted and adopted
- Pollution Prevention - Stormwater Pollution Prevention Plan Developed
- Illicit Discharge- Illicit discharge program and dry weather outfall screening data form developed
- Hydrologic and Water Quality Modeling and Analyses
- Storm Sewer Map Update

**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**

An update to the modeling software resulted in a delay in producing the models. An extension was requested and granted by the Dept. Meeting the 40% reduction requirement in 2013 will be a financial challenge for the City.

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

The City has a stormwater utility in place to help offset the costs of compliance with the suspended solids reduction requirements in the permit. The City has collaborated with the County Land Conservation Service and with the School District on joint projects and education.

**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 <b>City of Baraboo Water Quality Assessment</b>	Date(s) effective <b>June 27, 2008</b>	Date Submitted to NPS Coordinator <b>November 3, 2008</b>
---	---	--

**8. Grantee Certification:**

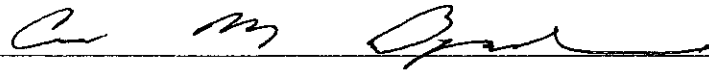
Check here to certify that, to the best of your knowledge, the information contained in this report is correct and true.

Type or print Name and Title of Authorized Representative certifying here.

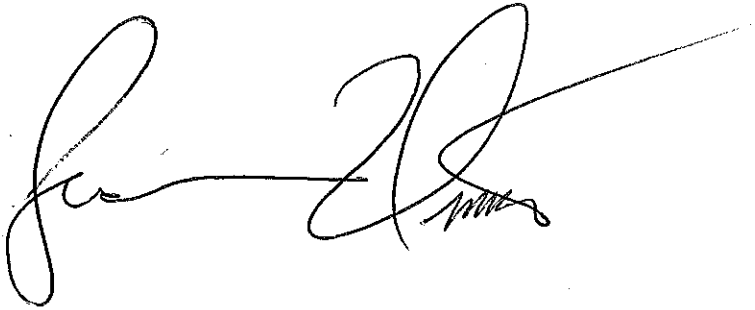
Charles M. Bongard

Signature of Authorized Representative

Date



11/3/2008



06/16/2009