



**Final Report**  
 Targeted Runoff Management Grant Program and Urban Nonpoint  
 Source and Storm Water Management Grant Program  
 Form 3400-189 (R 11/05)

→ Jim Parsons  
 CFA/S - W. Hub.

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 Utility Creation</b>	Grant Number <b>USP-LC04-17251-07</b>
Governmental Unit Name <b>Menomonie</b>	Governmental Unit Type (city, village, town, etc.) <b>City</b>
Watershed Name <b>Wilson Creek</b>	Watershed Code <b>LC04</b>
DNR Water Management Unit (River System) Name <b>Lower Chippewa (LC 9)</b>	Water Body Identification Code (WBIC) (if applicable)

s. 303(d) Waterbody?  Yes  No

What pollutant(s) were addressed by the project?

**Phosphorus, Nitrogen, and TSS.**

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 Menomonie	City of Menomonie	City of Menomonie		
PLSS	Town	28	27	28		
	Range	13	13	12		
	Section	11, 13, 14, 15, 22, 23, 24, 25, 26, 34, 35, & 36	3	8, 16, 17, 18, 19, 20, & 30		
	Quarter					
	Quarter-Quarter					
Latitude		44° 53' 21" N				
Longitude		91° 54' 37" W				
Property Owner(s)	Name	Lowell Prange				
	Mailing address	800 Wilson Avenue Menomonie, WI	54751			
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		
	% TSS reduction		<b>Not Applicable</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		
	% 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	<b>1</b>	
	Acres planned for	<b>9831</b>	<b>ArcView</b>
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	<b>1</b>	
	Acres planned for	<b>9831</b>	<b>ArcView</b>
Other (specify)			

**B. Project Results Narrative**

The primary focus of this project was to educate the public regarding stormwater management issues and establish a mechanism to finance the construction and maintenance of stormwater BMP's. The educational component focused on the benefits of implementing recommended improvements, the cost of improvements, and the benefit of this utility as a funding source. A number of public meetings were held to discuss the creation of the utility.

The stormwater utility was based on the amount of impervious surface. The amount of impervious surface was calculated to determine what each property owner's share will be. Single family homes were considered one (1.0) ERU. Other residential were assigned ERU's depending on the number of units. Based on the average area of a number of representative single family homes, an ERU was assigned a value of 3,000 square feet per ERU. Institutional, Multi-Family, Commercial and Industrial lands were assigned ERU's based on the square feet of impervious surface that is on their respective property. In conjunction with this process, the database for billing was also set up.

**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	
Not Applicable				<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 early concern was the limitations on the billing software. Initially, it wouldn't allow the City to input an additional charge (the stormwater utility fee) onto the water bill. The City was able to work that out by combining other categories on the bill so the new water bills will reflect the stormwater charge.

Another difficulty was digitizing all of the impervious surface. It was very time consuming and was challenging to link up the parcel numbers to the assigned impervious surface. We were able to utilize ArcView and AutoCAD software to merge the impervious surfaces with the parcel numbers.

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

The cost per ERU ended up being \$8 per quarter. This was based on the total number of ERUs in the community (15,374) and the estimated budget (\$481,790).

The Stormwater Utility Ordinance was passed on November 5, 2007 by the City Council. All of this information has been posted on the City's website at <http://www.menomonie-wi.gov/>.

**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
City of Menomonie Stormwater Utility Creation Final Report/ Stormwater Utility Ordinance	January 1, 2008	1/22/08

**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.

**Lowell Prange**

Signature of Authorized Representative	Date
<i>Lowell Prange, City Admin.</i>	Jan 23, 2008