

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 City of Beaver Dam Stormwater Program	Grant Number USP-UR03-14206-04
Governmental Unit Name Beaver Dam	Governmental Unit Type (city, village, town, etc.) City
Watershed Name Beaver Dam River	Watershed Code UR 03
DNR Water Management Unit (River System) Name Upper Rock	Water Body Identification Code (WBIC) (if applicable) 835100 (Beaver Dam Lake)

s. 303(d) Waterbody? Yes No

What pollutant(s) were addressed by the project?

Suspended solids, hazardous materials, oil and grease, illicit discharges

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	12N	11N			
	Range	14E	14E			
	Section	20, 21, 22, 27, 28, 32, 33, 34	3, 4, 5, 8, 9			
	Quarter					
	Quarter-Quarter					
Latitude		88° 50' 11" W	88°50'1" W			
Longitude		43° 27' 54" N	43°27'9" N			
Property Owner(s)	Name	City of Beaver Dam	City of Beaver Dam			
	Mailing address	205 S. Lincoln St. 53916	205 S. Lincoln St. 53916			
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	554,453	P8
	% TSS reduction	40	P8
Infiltration	% Pre-development stay-on volume		
	Cubic feet stay-on volume		
Peak flow discharge	Change in cubic feet per second	3740	HydroCAD
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	1	HydroCAD, P8, ArcView
	Acres planned for	4200	
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	1	HydroCAD, P8, ArcView
	Acres planned for	4200	
Other (specify)			

B. Project Results Narrative

- Created updated stormsewer map consistent with NR 216 Municipal Phase II Permit Requirements**
- Drafted Illicit Discharge Elimination Ordinance and developed illicit discharge program**
- Drafted Post-Construction Stormwater Management Ordinance**
- Drafted preliminary Municipal Stormwater Pollution Prevention Plan (SWPPP) for City operational activities**
- Developed water quality model using P8 to identify BMPs that reduce TSS in runoff by 40 percent from existing urban area**
- Conducted stormwater utility feasibility study and facilitated stormwater utility stakeholder committee**
- Developed stormwater utility database and drafted stormwater utility ordinance**

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

Stormwater Utility

- Identifying and calculating charge for parcels that have been developed or improved since most recent aerial photos were taken
- Integrating data from different sources (assessor's database, parcel map, and existing utility customer database) to develop stormwater utility database
- Making critical decisions with regards to project direct while City Public Works Director position is vacant

Stormwater Planning

- Identifying open space appropriate for siting BMPS in existing developed areas

6. Additional Information about the Project (optional)

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
Stormwater Master Plan, Storm Sewer Map, Stormwater Pollution Prevention Plan, Post-Construction Stormwater Ordinance, Stormwater Utility Ordinance, Illicit Discharge Ordinance	1/06 - 3/13	3/1/06

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.

Don Quarford, Utilities Superintendent

Signature of Authorized Representative

Date

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