



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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MAY - 5 2009

BUREAU OF WATERSHED MGMT

Date: May 4, 2009
To: Kathleen Thompson, DNR-Madison WT/3
From: Karen Voss, DNR-Eau Claire *Karen Voss*
Cc: Scott Watson, DNR-Wausau
Subject: City of Wausau grant # USP-UW23-37291-04 Final Report

Attached are two signed Final Report documents for the City of Wausau. This grant ended on December 31, 2006.

The City of Wausau Project Engineer, Allen Wesoloski, submitted the electronic Final Report on April 28, 2009 to the WTFINALRPTS@dnr.state.wi.us email address.

Note that as stated on the Final Report Form, and described in the May 2004 Scope of Services between Earth Tech and the City of Wausau, Earth Tech evaluated existing and future stormwater service needs, conducted a stormwater utility rate study, and prepared a stormwater utility ordinance and billing system. However, the City Council did not adopt the stormwater utility.

The DNR files on this project did not contain a project report from Earth Tech, so I did not review any final project report.

Attachment: Final Report Form for City of Wausau grant # USP-UW23-37291-04 – two signed originals



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: Your grant agreement requires you 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. The DNR prefers that Final Reports be submitted in electronic format. If, however, printed copies of Final Reports are submitted, please submit three (3) complete originals to your regional Nonpoint Coordinator.

1. Grant Type -- Please check one.

- Targeted Runoff Management Grant – Agricultural
 Targeted Runoff Management Grant – Urban
 Urban Nonpoint Source & Storm Water Management Grant – Construction
 Urban Nonpoint Source & Storm Water Management Grant – Planning

2. Grantee & Project Information

Project Name Storm Water Utility Development	Grant Number USP-UW23-37291-04
Governmental Unit Name City of Wausau	Primary Watershed Name and Watershed Code Little Rib River CW24, Lower Rib River CW23, Lower Eau Claire River CW20
Nearest Water Body Name <i>Wisconsin River</i>	Nearest Water Body Identification Code (WBIC) (if applicable) <i>1179900</i>
DNR Water Management Unit (River System) Name Central Wisconsin	s. 303 (d) Listed Waterbody? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

What pollutant(s) were addressed by the project (e.g., nitrogen, phosphorus, sediment, thermal control, etc.)?

Sediment

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

Location:		A	B	C	D	E
Minor Civil Division Name (City, Township, Village, etc.)		City of Wausau				
PLSS	Town	T29N	T29N	T28N	T29N	T28N
	Range	07E	08E	07E	6E	8E
	Section	13,14,15,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36	7,18,19,30,31,32	1,2,11,12	25,36	5,6
	Quarter					
	Quarter-Quarter					
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer, SWDV)		44d 57'54"N				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)		89d 38' 46"				
Property Owner(s)	Name	Allen Wesoloski, PE, City of Wausau Project Engineer				

	Mailing address					
Site address (Not mailing address)	407 Grant Street Wausau, WI 54403					

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.

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		
Other (specify)	Feet of bank protected		
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	1	
	Acres planned for	12,660	
Document/track progress made in implementing the	Municipalities planned for		

planning product (i.e., ordinance, utility district evaluation/formation, storm water management plan information & education, etc.)	Acres planned for		
Other (specify)			

B. Project Results Narrative

The City of Wausau contracted the services of Earth Tech to evaluate the feasibility of a storm water utility in the city. A user task force was selected and met monthly to discuss the utility concept. Earth Tech proceeded to determine rates for the utility based upon present capital costs and anticipated costs to meet future requirements of the MS4 permit. A rate structure was determined to sustain the utility. The studys were made available to Council. Due to political pressures, the utility was never voted on at the Council level and the concept of a storm water utility was in effect 'tabled'. The report produced is still relevant and the concept of a storm water utility could be revisited at a later date.

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

The biggest challenge for the project was getting all parties involved to understand the concept of a storm water utility. Most people simply viewed the idea as another way to tax people. We took the approach to inform people that a utility was the fairest way to support storm water infrastructure because it made the biggest stormwater contributors pay the most fees. In the end, this message was lost and the storm water needs for the city continue to be paid for out of the general fund.

6. Additional Information about the Project (optional)

7. Final Product(s) – All Projects

A. Construction Projects

- A.1. Checking here indicates that a printed copy of project plans and specifications was sent to your DNR Regional Nonpoint Source Coordinator.
- A.2. Checking here indicates that photo-documentation of the project's construction is attached.

B. Planning Projects

- B.1. Checking here indicates that a printed copy of the planning product (e.g., plans, ordinances, analyses) was sent to your DNR Regional Nonpoint Source Coordinator.
- B.2. Checking here indicates that the Regional Nonpoint Source Coordinator has approved the final Planning Product(s).
- B.3. Checking here indicates that your governmental unit has adopted the final Planning Product(s).

Name of Planning Document(s)	Date(s) effective	Date Submitted to NPS Coordinator
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8. Grantee Certification:

- Checking here certifies 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.

Allen M. Wesolowski, P.E.

Signature of Authorized Representative 	Date 4/27/09
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9. FOR DEPARTMENTAL USE ONLY

REGIONAL NONPOINT COORDINATOR -- Please complete the following:

- Checking here indicates that you received either planning or construction plans and specifications from the project sponsor, as appropriate. Attach a copy of the approval.
- Checking here indicates that you approved the final construction. Attach a copy of the final construction approval.
- Checking here indicates that you have approved the final Planning Product(s).
- Check here if two (2) signed, original copies of the Final Report and attachments have been sent to Runoff Management Section Grants Coordinator. Note: Regional Nonpoint Source Coordinator may retain one (1) copy of the signed, original Final Report.

Type or print Name of Regional Nonpoint Coordinator

Karen S. Voss

Signature of Regional Nonpoint Coordinator



Date

4-30-2009