State of Wisconsin Department of Natural Resources-WT/3 101 S. Webster St. Madison, WI 53707

dnr.wi.gov

Final Report

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

Form 3400-189 (R 6/08)

Page 1

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 - Blease 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
22 Grantee & Projection omation	
Congress of the Congress of th	
Project Name	Grant Number
Pollutant Loading Analysis and BMP Prioritizing	USP-CW05-71251-06
Governmental Unit Name	Primary Watershed Name and Watershed Code
City of Marshfield	Upper Yellow River, UW05-171; Mill Creek, UW11-171; Little Eau Pleine River, UW14-171
Nearest Water Body Name	Nearest Water Body Identification Code (WBIC) (if applicable)
DNR Water Management Unit (River System) Name	s. 303 (d) Listed Waterbody? Yes No.
Central Wisconsin	Mill Creek
What pollutant(s) were addressed by the project (e.g., nitrogen, phospho	orus, sediment, thermal control, etc.)?
TSS	

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

100	location v	PART T	A MEMBERS	Mark Creek	APP DATES	Establish (1968)
Minor Civil Division Name (City, Township, Village, etc.)		City of Marshfield	City of Marshfield	City of Marshfield	City of Marshfield	
PLSS	Town	25N	25N	26N	26N	
	Range	2E	3E	2E	3E	
	Section	1,12	4,5,6,7,8,9,15,16,17, 18,19,20	25,26,36	31,32,33	
	Quarter				Variable 1	
	Quarter-Quarter					
seconds N	legrees, minutes, lorth of Equator; use Surface Water Data VDV)	44-39'-44" N				
Longitude seconds W use the SV	(degrees, minutes, / of Prime Meridian, VDV)	90-10'40"W				
Property Owner(s)	Name	Chris Meyer, Mayor				
	Mailing address	630 S Central Ave PO Box 727 Marshfield, WI 54449				

Site address (Not mailing address)			

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.

31 Summary of Results.

TABLE A. PERFORMANCE STANDARDS AND PROHIBITIONS (per ch. NR 151, Wis. Adm. Code, effective October 1, 2002)

Performance Standard on Prohibition	Salunitsjöf Measure	Quantity	Measurement Method Useds
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: Falling/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	571000	WinSLAMM
	% TSS reduction	40	

TABLE B. OTHER WATER RESOURCES MANAGEMENT PRIORITIES

Agnicultural Areas	Units of Neasure	Quantity *	Measurement Welhool Used & r.
Buffers	Feet of bank protected		
	Number of farms		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
II. Developed:UrbanrAreas	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)			
Ul Planning is	Units of Measure	Quantity	Measurement/Method/Used_co
Quantify how implementation of the planning project	Municipalities planned for	1	Each
decreased storm water impacts on state waters (i.e., storm water plan, I & E plan, etc.)	Acres planned for	5159	Acres
Document/track progress made in implementing the	Municipalities planned for	1	Each
planning product (i.e., ordinance, utility district evaluation/formation, storm water management plan information & education, etc.)	Acres planned for	5159	Acres

Final Report Targeted Runoff Management and Urban Nonpoint Sou Form 3400-189 (R 6/08)	rce & Storm Water Manag	ement Grant Progr	ams	Page 3	
Other (specify)		T			
B. Project Results Narrative WinSLAMM Version 9.2.5 was used to analyze existing pollutant loc Controls or Base Condition, Existing Conditions and Future Conditio could take to reach the 20% and 40% TSS reduction goals in accord. No Controls loading is 714 tons/year. Existig Conditions loading is completetion of this analysis in early 2008, the City of Marshfield has TSS reduction to 157 tons/year or 22%. The final report indentifies s with an estimated cost of compliance ranging from \$2.9 to \$4.0 millio	ons. Various BMP's wer ance with WDNR Genera 557 tons/year and the Fu s completed a dry pond several BMP's that would	e then analyzed to al WPDES Storm V ature Conditions lo to wet pond conve	identify ac later Dischanation is 42 ersion which	tions that the city arge Permit. The 8 tons/year. Since	
4. Satisfaction of Notice Requirements (if applicable).					
If cost sharing for this project was offered under a formal notice to achieve for each notice in the table below.	e compliance with perform	ance standards or	prohibitions,	provide information	
Notice information			atisfied?	action Information	
MNOtice Type Institute Ins	v sa z kaj savena z Tor (IVar	Y (90	es No	n Date Letter Sent	
		<u> </u>	<u> </u>		
		· ·			
5. Summary of Project Challenges					
774FinauProduci(s) +XIIIProjects 4				Line Service	
A. Construction Projects A.1. Checking here indicates that a printed copy of project plans at	nd appelfications was and	to very DND Desir			
Coordinator.	nu specifications was sen	. to your DNK Kegit	——————————————————————————————————————		
A.2. Checking here indicates that photo-documentation of the projection	ect's construction is attach	ed.			
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) City-Wide Storm Water Pollution Loading and Best Management Practice Analysis - City of Marshfield, Wisconsin	Date(s) effective July 2008	_	nitted to NPS nuary 13, 2	Coordinator	
8 Grantee Certification:				The second of th	
Checking here certifies that, to the best of your knowledge, the infor	mation contained in this re	port is correct and	true.		
Type or print Name and Title of Authorized Representative certifying here.					
Daniel G. Knoeck, Director of Public Works	·				
Signature of Authorized Fiepresentative Daniel H. Hweek	_	Date 4	/211	09	

Final	Report Targeted Runoff Management and Urban Nonpoint Source & Storm Water Management	Grant Programs
Earm 2	2/AN 490 (D 6/A9)	

Page 4

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 Attach a copy of the approval.	ne project sponsor, as appropriate.		
	Checking here indicates that you approved the final construction. Attach a copy of the final construction a	approval.		
_d	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.				
Туре	or print Name of Regional Nonpoint Coordinator			
Signature of Regional Nonpoint Coordinator Date				
_ }	TOWN S. (AS)	9-21-29		
-	g	•		