

Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

NOTICE: This Final Report is authorized under ss. 281.65 and 281.66., Wis. Stats., and chs. NR 153 and NR 155, Wis. Admin. Code. Personally identified information collected will be used for program administration and may be made available to requesters as required under Wisconsin Open Records Law [ss. 19.31-19.39, Wis. Stats.].

INSTRUCTIONS: Your grant agreement requires you to submit a Final Report with your final reimbursement request. 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 as described in the instructions.

1. GRANT TYPE. Check the one that applies.					
<input type="checkbox"/> Targeted Runoff Management Grant – Agricultural		<input type="checkbox"/> Targeted Runoff Management Grant – Urban			
<input type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Construction		<input checked="" type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Planning			
<input type="checkbox"/> Notice of Discharge Grant					
2. PROJECT NAME & LOCATION.					
2.1. Project Name: Stormwater Plan / Water Quality Calculation Updates		2.2. Grant Number: USP-UR01-28291-12B			
2.3. Governmental Unit Name: City of Watertown		2.4. Primary Watershed Name: Middle Rock River		2.5. Watershed Code: UR01 / 070900011103	
NOTE FOR SECTION 2.6 (which follows):					
Section 2.6. includes five (5) columns (A. through E.) for recording data about five (5) discrete site locations. If your grant has more than five (5) discrete project locations, attach additional columns for Section 2.6 as described in the instructions. If your project occurs in more than one 12-digit Hydrologic Unit Code (HUC), use the space in adjacent columns to record other HUC numbers.					
2.6 Site Location(s) →	A.	B.	C.	D.	E.
Name of Cost-Share Recipient or Governmental Unit	Watertown, City				
Cost-Share Agreement Number (Agricultural only)					
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	070900011103				
Nearest Surface Receiving Water Affected					
Name:	Rock River				
Waterbody Identification Code(s) (WBIC):	788800				
Nearest Impaired Water Affected					
Name:	Rock River				
Waterbody Identification Code(s) (WBIC):	788800				
Pollutants Reduced	Sediment, Phosphorous				
Impairments/Impacts Addressed	Sediment, Phosphorous				

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Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	08N and 09N				
Range	15E				
Section	3-10, 15, 16 (T08N) 21, 28-34 (T09N)				
Quarter	All				
Quarter-Quarter	All				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	43 deg, 11 min, 34 sec				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	88 deg, 43 min, 39 sec				

3. SUMMARY OF RESULTS.

Table A. Agricultural Projects. – Ch. NR 151 Performance Standards and Prohibitions and Other Water Resources Management Priorities

A.1. Management Measures	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting "T"	acres	
Manure Storage Facilities: New Construction/Alterations	Number of facilities	facilities	
	Number of animal units	animal units	
Manure Storage Facilities: Closure	Number of facilities	facilities	
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	facilities	
	Number of animal units	animal units	
Clean Water Diversions in WQMA	Pollutant load reduction	lbs.	
	Number of farms with diversions	farms	
	Number animal units	animal units	
Nutrient Management on Agricultural Land	Acres planned	acres	
Prohibition: Manure Storage Overflow	Number of farms	farms	
	Number of animal units	animal units	
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	farms	
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	lbs.	
	Number of facilities	facilities	
	Number of animal units	animal units	
Prohibition: Unlimited Livestock Access	Feet of bank protected	feet	
	Number of farms	farms	

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Table A. Agricultural Projects. (continued)			
A.2. Other Management Measures			
Streambank & Shoreline Protection	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		

Table B. Urban Construction Projects Serving Developed Areas.			
B.1. Required Management Measures			
20-40% Total Suspended Solids (TSS) Reduction for NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
B.2. Other Management Measures			
20-40% Reduction in TSS for non-NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
Infiltration	Pre-development stay-on volume	%	
	Stay-on volume	ft ³ /year	
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year	ft ³ /sec	
Protective areas	Bank protected	feet	
Fueling & maintenance areas	Oil sheen presence reduced	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Streambank & Shoreline Protection	Bank erosion reduced	tons	
	Bank protected	feet	
Other:	Pollutant load reduction (if method available)		
	Units (use feet, acres or number as applicable)		

Table C. Urban Planning Projects.	
C.1. Governmental unit(s) involved (list by name):	
City of Watertown	

Wisconsin Department of Natural Resources
Bureau of Watershed Management (WT/3)
101 S. Webster St.
Madison, WI 53703
PO Box 7921
Madison, WI 53707-7921

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C.2. Estimate total acres covered by the planning product:	Existing Developed Urban Areas	New Development	Total Acres
	5790 acres	Redevelopment Only acres	5790 acres

C.3. Products developed (check all below that apply)	Identify Documents by Name (if applicable)
<input checked="" type="checkbox"/> Storm Water Plan	The analysis focused on updates to the City's existing water quality modeling and development of alternatives to comply with the goals set forth in the Rock River TMDL. The results of the analysis are summarized in the document entitled "Water Quality Master Plan - City of Watertown, December 2014".
<input type="checkbox"/> Construction or Erosion Ordinances	
<input type="checkbox"/> Post-construction Storm Water Ordinances	
<input type="checkbox"/> Other Types of Storm Water Quality Ordinances	
<input checked="" type="checkbox"/> Financing Methods: identified and evaluated	The fiscal impact of the recommended plan on the City's existing storm water utility was analyzed as part of this study and summarized in the document entitled "Water Quality Master Plan - City of Watertown, December 2014".
<input type="checkbox"/> Financing Methods: developed or implemented	
<input type="checkbox"/> I & E Plan	
<input type="checkbox"/> I & E Implementation Activities	
<input type="checkbox"/> Other:	
C.4. Identify the Storm Water goals addressed (check all that apply)	
<input checked="" type="checkbox"/> Reduce TSS	<p>Comments:</p> <p>The master plan included an update to the City's 2006 Storm Water Management Plan. Specifically, the 2006 Source Loading and Management Model (WinSLAMM) was updated following the Department's October 20, 2014 TMDL Guidance for MS4 Permits (guidance #3800-2014-04), allowing the City to understand where they stand with regard to the sediment and phosphorous reduction goals set forth in the Rock River TMDL. The updates also incorporated changes to the model, added recently constructed storm water facilities and included an alternatives analysis outlining the City's TMDL compliance options.</p>
<input type="checkbox"/> Maintain infiltration	
<input type="checkbox"/> Control Peak Flow	
<input type="checkbox"/> Protective Areas	
<input type="checkbox"/> Control of Fueling & Maintenance Areas	
<input type="checkbox"/> Remove Illicit Discharges	
<input checked="" type="checkbox"/> Other: Reduce Phosphorous	

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4. Satisfaction of Notice Requirements. If cost sharing for this project was offered under a formal notice pursuant to chs. NR 151 or 243, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
Chs. NR 151 or 243 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. Additional Information. (Space will expand to fit your text.)

The City has not yet presented the completed master plan to their elected officials. They plan to do this during the first half of 2015, with an initial summary presentation to the City's Public Works Committee.

The City also faces some concern regarding the significant costs that will be required to implement the necessary improvements to comply with their TMDL allocations.

6. Summary of Project Challenges. (Space will expand to fit your text.)

Although the City is extremely thankful to the Department for helping fund this project, the timing of the project was extremely challenging. When the grant was originally applied for in spring of 2011, the Rock River TMDL report had recently been released in draft form. The final TMDL report was issued in July of 2011, so the City expected to have plenty of time to complete the analysis over the 2012-2013 grant period. When the DNR's MS4 guidance document (which was required to complete the analysis) did not get finalized until October of 2014, the City was essentially left with only 2 months to complete the analysis. The City and Ruekert Mielke certainly understand the effort and corresponding challenges that went in to developing the guidance, but it left the City scrambling to complete the project by the December 31, 2014 grant deadline.

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7. Grantee Certification.

Checking here ☒ certifies that, to the best of your knowledge, the information contained in this report is correct.

Name of Authorized Representative (type or print) ↓

Richard Schultz

Title of Authorized Representative (type or print) ↓

Street Superintendent

Signature of Authorized Representative

Richard Schultz

Date

December 29, 2014

8. For Departmental Use Only.

Regional NPS Coordinator – Please complete the following:

8.A. Check here ☒ if you have received the following from the project sponsor:

- one (1) printed, signed, original Final Report + attachments
- one (1) electronic version of Final Report.

Send the printed, signed original Final Report with attachments + electronic version to the Community Financial Assistance Grants Manager. Community Financial Assistance will forward to Runoff Management Section Grants Coordinator.

8.B. Comments about this project:

None

8.C. Type or print Name of Regional NPS Coordinator →

Mike Gilbertson

8.D. Signature of Regional NPS Coordinator

Mike Gilbertson

8.E. Date

3/31/2015