

**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: <b>TMDL Storm Water Planning</b>		2.2. Grant Number: <b>USP-LF06-70251-13</b>	
2.3. Governmental Unit Name: <b>City of Menasha</b>		2.4. Primary Watershed Name: <b>Little Lake Butte des Morts</b>	2.5. Watershed Code: <b>LF06</b>

**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	Menasha, City	Menasha, City			
Cost-Share Agreement Number (Agricultural only)					
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	040302040201	040302030304			
Nearest Surface Receiving Water Affected					
Name:	Little Lake Butte des Morts	Lake Winnebago			
Waterbody Identification Code(s) (WBIC):	129800	131100			
Nearest Impaired Water Affected					
Name:	Fox River	Lake Winnebago			
Waterbody Identification Code(s) (WBIC):	117900	131100			
Pollutants Reduced	Phosphorus, suspended solids	Phosphorus, suspended solids			
Impairments/Impacts Addressed	Low dissolved oxygen, degraded habitat	Low dissolved oxygen, eutrophication, turbidity			

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Project Location(s) (cont.) →	A	B	C	D	E
<b>Project Coordinates:</b>					
<b>Town</b>	T20N	T20N			
<b>Range</b>	R17E	R18E			
<b>Section</b>	SEC. 11	SEC. 7			
<b>Quarter</b>	SE 1/4	SE 1/4			
<b>Quarter-Quarter</b>	NE 1/4	SE 1/4			
<b>Latitude</b> (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	44.2193	44.2157			
<b>Longitude</b> (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	-88.4284	-88.3849			

<b>3. SUMMARY OF RESULTS</b>			
<b>Table A. Agricultural Projects – Ch. NR 151 Performance Standards and Prohibitions and Other Water Resources Management Priorities</b>			
<b>A.1. Management Measures</b>	<b>Units of Measure</b>	<b>Quantity</b>	<b>Measurement Method Used</b>
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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<b>Table A. Agricultural Projects.</b> (continued)			
<b>A.2. Other Management Measures</b>			
	Units of Measure	Quantity	Measurement Method Used
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)		

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

<b>Table C. Urban Planning Projects.</b>			
C.1. Governmental unit(s) involved (list by name): <b>City of Menasha</b>			
C.2. Estimate total acres covered by the			
	Existing Developed Urban Areas	New Development	Total Acres

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planning product:	2505 acres	373 acres	2878 acres
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<b>C.3. Products developed (check all below that apply)</b>		<b>Identify Documents by Name (if applicable)</b>
<input checked="" type="checkbox"/> Storm Water Plan	City-Wide Storm Water Quality Management Plan (12/1/2016)	
<input checked="" type="checkbox"/> Construction or Erosion Ordinances	Ordinance Regarding Construction Site Erosion Control (4/19/2016)	
<input checked="" type="checkbox"/> Post-construction Storm Water Ordinances	Ordinance Regarding Post-Construction Storm Water Management (4/19/2016)	
<input checked="" type="checkbox"/> Other Types of Storm Water Quality Ordinances	Options for parking control ordinance related to street sweeping were included but nothing has been adopted yet	
<input checked="" type="checkbox"/> Financing Methods: identified and evaluated	Storm Water Quality Management Plan lists various financing methods. The City currently uses a storm water utility as its main revenue source.	
<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:		
<b>C.4. Identify the Storm Water goals addressed (check all that apply)</b>		
<input checked="" type="checkbox"/> Reduce TSS	<b>Comments:</b>  The plan also lists source water protection objectives for Lake Winnebago, the source of Menasha's drinking water.	
<input type="checkbox"/> Maintain infiltration		
<input checked="" 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: <b>Reduce Total Phosphorus</b>		

**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"/>	

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**5. Additional Information.** (Space will expand to fit your text.)

The draft Storm Water Quality Management report was presented and approved by the Common Council at its March 7, 2016 meeting. Of particular interest to the Council is the process for developing the Action Plan to meet the requirements of the Lower Fox River TMDL. The Council expressed a desire to include the public, as stakeholders, on a committee that will review and recommend the components of the Action Plan. This process is expected to start later in 2016.

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

The biggest challenge in completing this planning project was the project schedule. The project's deadline needed to be extended due to a delay in the DNR releasing new guidelines which were necessary to develop our planning document. We were fortunate to be working with a very experienced and capable consultant which made this particular project somewhat trouble free.

**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) ↓

Mark Radtke

Title of Authorized Representative (type or print) ↓

Director of Public Works

Signature of Authorized Representative



Date

June 13, 2016

**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.

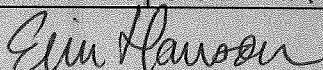
Send the printed, signed original Final Report with attachments + electronic version to the Community Financial Assistance Grants Manager. Community Financial Assistance will forward to Runoff Management Section Grants Coordinator.

8.B. Comments about this project: None.

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

Erin Hanson

8.D. Signature of Regional NPS Coordinator



8.E. Date

6/21/16

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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