

→ Kathrynleen Thompson WT/3

Wisconsin Department of Natural Resources  
 Bureau of Watershed Management (WT/3)  
 101 S. Webster St.  
 Madison, WI 53703  
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**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 Utility Feasibility	2.2. Grant Number: USP-MI02-40126-08B
2.3. Governmental Unit Name: Village of Fox Point	2.4. Primary Watershed Name: Lake Michigan
	2.5. Watershed Code: MI02

**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	Village of Fox Point	"			
Cost-Share Agreement Number (Agricultural only)	N/A	N/A			
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	040400030606	040400030601			
Nearest Surface Receiving Water Affected					
Name:	Milw. River	Lake Mich			
Waterbody Identification Code(s) (WBIC):	15000	N/A			
Nearest Impaired Water Affected					
Name:	Indian Creek				
Waterbody Identification Code(s) (WBIC):	19600				
Pollutants Reduced	N/A planning	project			
Impairments/Impacts Addressed	"	"			

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Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	T8N				
Range	R22E				
Section	8-10, 15-17, 20-21				
Quarter					
Quarter-Quarter					
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	43 9 0.6				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	-87 54 3.7				

**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			
	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)		

Table B. Urban Construction Projects Serving Developed Areas.			
B.1. Required Management Measures			
	Units of Measure	Quantity	Measurement Method Used
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 <sup>3</sup> /year	
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year	ft <sup>3</sup> /sec	
Protective areas	Bank protected	feet	
Fueling & maintenance areas	Oily 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):			
Village of Fox Point			
C.2. Estimate total acres covered by the			
	Existing Developed Urban Areas	New Development	Total Acres

Approximately 1828 acres - entire Village covered by the SWMP  
 Find Instructions at <http://dnr.wi.gov/runoff/financial.htm>

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planning product:	1,830 acres	acres	1,830 acres
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C.3. Products developed (check all below that apply)	Identify Documents by Name (if applicable)
<input type="checkbox"/> Storm Water Plan	
<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	Stormwater Utility Feasibility Study, February 2008
<input checked="" type="checkbox"/> Financing Methods: developed or implemented	Stormwater Utility Ordinance, February 2009
<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)	Comments:
<input type="checkbox"/> Reduce TSS	
<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 type="checkbox"/> Other:	

**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 Village of Fox Point began evaluating the feasibility of implementing a stormwater utility in approximately April 2007. Over the course of the remainder of the year, data was collected to identify storm water issues in the Village, existing programs, a user fee concept, a potential rate structure, the program costs and possible implementation hurdles and issues associated with a utility. This data was compiled and the Stormwater Utility Feasibility Study report was prepared and submitted to the Village Board in February 2008, a copy of which is attached to this report. Thereafter, additional data was collected and, in what was considered Phase 2 of the project, a more refined rate study and user fee was evaluated and prepared. Information was presented to the Village Board and Village residents at a special meeting held on September 17, 2008, regarding the proposed rate structure and fees that would be charged to residents should a utility be implemented. At the Village Board meeting, the Trustees voted to proceed toward implementation of a stormwater utility (the minutes of the meeting are attached). During the course of the following 4 to 5 months, the actual rate structure and user fee was developed based on a proposed list of projects and the estimated operation and maintenance costs. The Village Board adopted the stormwater utility at its February 10, 2009, meeting. A copy of the minutes from the meeting as well as the ordinance is attached to this report.

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

The largest challenges included compiling the data so as to have a well defined rate for the utility and, as part of the rate, developing the different tier levels within the Village. To that point, due to the fact that the Village of Fox Point is comprised of a wide range of home sizes, tiers were developed to reflect the differences in the home sizes. This has caused some residents to question the tier in which they have been placed, but the Village database (which is based on information from the GIS database) contained detailed data on the impervious areas for each property and the tier in which each was placed.

**7. Grantee Certification.**

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

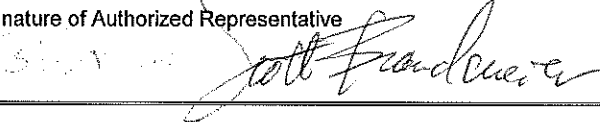
Name of Authorized Representative (type or print) ↓

Scott Brandmeier

Title of Authorized Representative (type or print) ↓

Director of Public Works

Signature of Authorized Representative



Date

October 8, 2009

**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 – sent to CO – Kathleen Thompson
- 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.

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8.B. Comments about this project:

*Submitted links to minutes approving study and adopting utility ordinance*

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

*Susan Eichel Kraut*

8.D. Signature of Regional NPS Coordinator

*Susan Eichel Kraut*

8.E. Date

*11.3.09*