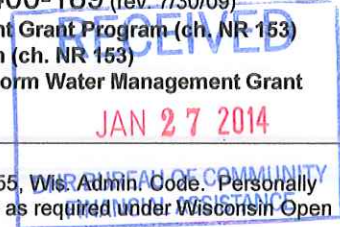


- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)



**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 checked="" type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Construction	<input 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>High Efficiency Street Sweeper and Parking Controls</b>	2.2. Grant Number: <b>USC-LF01-05102-11B</b>
2.3. Governmental Unit Name: <b>Allouez, Village of</b>	2.4. Primary Watershed Name: <b>Fox River</b>
	2.5. Watershed Code: <b>LF01</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	<b>Allouez, Village of</b>				
Cost-Share Agreement Number (Agricultural only)					
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	<b>040302040405, 040302040304</b>				
Nearest Surface Receiving Water Affected					
Name:	<b>Fox River and East River</b>				
Waterbody Identification Code(s) (WBIC):	<b>117900</b>				
Nearest Impaired Water Affected					
Name:	<b>Fox River and East River</b>				
Waterbody Identification Code(s) (WBIC):	<b>117900</b>				
Pollutants Reduced	<b>TSS, P</b>				
Impairments/Impacts Addressed	<b>TSS, P</b>				

RECEIVED

DEC 09 2013

GREEN BAY

- 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)

Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	T23				
Range	R20E				
Section	12,13,14,23,24				
Quarter					
Quarter-Quarter					
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	<del>44.4770</del> 44.4843				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	<del>-88.9160</del> -88.0125				

### 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	

- 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)

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	56909 lbs.	Determined by SLAM modeling of Village.
	TSS reduction	10.8 %	High Efficiency Street Sweeping with parking controls.
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):			
C.2. Estimate total acres covered by the	Existing Developed Urban Areas	New Development	Total Acres

- 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)

planning product:	acres	acres	acres
-------------------	-------	-------	-------

<b>C.3. Products developed</b> (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 checked="" type="checkbox"/> Other Types of Storm Water Quality Ordinances	<b>Developed and implemented a no parking ordinance on garbage collection days to enable street sweeping maximum efficiency. Implemented a litter ordinance to reduce litter in streets.</b>
<input type="checkbox"/> Financing Methods: identified and evaluated	
<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</b> (check all that apply)	
<input checked="" type="checkbox"/> Reduce TSS	<b>Comments:</b>  <b>Storm water goals achieved include a reduction in suspended solids removal by street sweeping twice per month for April thru November, and implemented weekly street sweeping in the commercial business area in north-central Village area (Webster Avenue area from north Village boundary to Allouez Avenue). Additional removal of particulate phosphorus due to the enhanced street sweeping program also achieved. The enhanced street sweeping program provides significant additional removal to meet the requirements of the TMDL for the Fox and East River drainage basins.</b>
<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"/>	

- 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)

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

Further information on the street sweeping program is attached to this report.

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

Evaluation of high efficiency street sweepers was conducted to determine the best mechanical equipment and highest efficiency sweeper. The TYMCO street sweeper was determined to be the optimum sweeper to meet these goals and to provide the efficiency required. Considerable manhours were invested in field testing and evaluation of street sweeper options.

Evaluating methods to accomplish parking controls was a significant effort. The approach selected was to implement parking controls via ordinance, with considerable discussion with the Village Board before proceeding. The parking controls include labeling garbage carts with labels to notice residents that there is no parking from 6 am to 4 pm on a street on garbage collection day. The garbage collection routes are the street sweeping routes. In addition, no parking on garbage collection day signs were posted in each collection zone at main street entry points to each collection area. The third method of notice to the public is the street sweeping program is included in the publication "All About Allouez" that is sent to each resident on January 1 of each year.

**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) ↓

Craig L. Berndt, P.E.

Title of Authorized Representative (type or print) ↓

Director, Public Works

Signature of Authorized Representative



Date

November 20, 2013

**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.

- 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)

8.B. Comments about this project:

Amy Muiser, DNR Storm Water Engineer, approved accelerated sweeping program on 1/23/14 (as required in grant award).

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

Erin Hanson

8.D. Signature of Regional NPS Coordinator

Erin Hanson

8.E. Date

1/24/13