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

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.

- ☐ 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
- ☐ Notice of Discharge Grant

2. PROJECT NAME & LOCATION.

2.1. Project Name:	2.2. Grant Number:	
Ashwaubenon TMDL Stormwater Planning	**USP-LF02-05104-13**	
2.3. Governmental Unit Name:	2.4. Primary Watershed Name:	2.5. Watershed Code:
Ashwaubenon, Village of	**Apple & Ashwaubenon Creeks**	**LF-02**

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	Ashwaubenon, Village of	Ashwaubenon, Village of	Ashwaubenon, Village of	Ashwaubenon, Village of	
Cost-Share Agreement Number (Agricultural only)					
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	040302040403	040302040404	040302040106	040302040405	
Nearest Surface Receiving Water Affected					
Name:	Ashwaubenon Creek	Dutchman Creek	Duck Creek	Fox River	
Waterbody Identification Code(s) (WBIC):	122200	121600	409700	117900	
Nearest Impaired Water Affected					
Name:	Ashwaubenon Creek	Dutchman Creek	Duck Creek	Fox River	
Waterbody Identification Code(s) (WBIC):	122200	121600	409700	117900	
Pollutants Reduced	TSS & TP	TSS & TP	TSS & TP	TSS & TP	
Impairments/Impacts Addressed	"	"	"	"	

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Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	23N	23N	24N	23N	
Range	20E	20E	20E	20E	
Section	16-17	8-10	32-33	2-3	
Quarter					
Quarter-Quarter					
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	44.463	44.479	44.509	44.495	
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	-88.075	-88.071	-88.082	-88.035	

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	**534894 lbs.**	**WinSLAMM v10.1.6**
	TSS reduction	**40 %**	**WinSLAMM v10.1.6**
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	Oily sheen presence reduced	☐Yes ☐ 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): **Ashwaubenon, Village of**			
C.2. Estimate total acres covered by the	Existing Developed Urban Areas	New Development	Total Acres

planning product:	4542 acres	acres	4542 acres

C.3. Products developed (check all below that apply)	Identify Documents by Name (if applicable)
☒ Storm Water Plan	**Village-Wide Stormwater Quality Management Plan for the Village of Ashwaubenon dated Dec. 1, 2015**
☒ Construction or Erosion Ordinances	**Ordinance Report for Construction site erosion control, Post-construction stormwater management and Street Sweeping Programs**
☒ Post-construction Storm Water Ordinances	**Ordinance Report for Construction site erosion control, Post-construction stormwater management and Street Sweeping Programs**
☒ Other Types of Storm Water Quality Ordinances	**Ordinance Report for Construction site erosion control, Post-construction stormwater management and Street Sweeping Programs**
☒ Financing Methods: identified and evaluated	**Connection / Impact Fee Report**
☐ Financing Methods: developed or implemented	
☐ I & E Plan	
☐ I & E Implementation Activities	
☐ Other:	

C.4. Identify the Storm Water goals addressed (check all that apply)	
☒ Reduce TSS	**Comments:** **Based on the modeling described, the Village of Ashwaubenon is currently achieving a 7.0% TSS reduction, or 92,976 lbs of TSS being removed on an annual basis for the NR151 (2004 based) Analysis. Two alternatives were outlined for the Village to achieve the required 20% reductions. The Village is currenlty achieving a 8.6% TSS reduction, or 120,363 lbs and a 6.4% TP reduction, or 236.5 lbs on an annual basis. Three alternatives were outlined for the Village to achieve the required percentages outlined for the Village's subwatersheds in the Lower Fox River TMDL. These alternatives were outlined within the SWMP. Public involvement, Capital Cost, Operation & Maintenance Cost, Land Acquisition, and obtaining WDNR permits are a few factors that play a role in determining the Village's ultimate plan.** **The Village of Ashwaubenon completed the following items under the UNPS&SW Grant:** **The Village's storm water drainage system is mapped. The drainage system maps, WinSLAMM water quality analysis, cost effectiveness rankings for proposed ponds were included with the Storm Water Management Plan which was submitted to the Wisconsin Department of Natural Resources regional office in Green Bay. The proposed BMP alternatives included preliminary site investigations based on available information.** **The Village developed dedicated funding sources as part of the UNPS & SW grant, developed stormwater ordinances, completed an inventory of channel erososion in streams. A preliminary stormwater management plan was developed for a proposed pond named Vanderperren Pond.**
☐ Maintain infiltration	
☐ Control Peak Flow	
☐ Protective Areas	
☐ Control of Fueling & Maintenance Areas	
☐ Remove Illicit Discharges	
☒ Other: **planning and documents**	

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? Yes	Satisfied? No	Date Letter Sent
				☐	☐	

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

During the course of this planning grant, the Village has begun construction of two stormwater quality ponds to improve stormwater quality and to move toward meeting the NR 151 requirement for 20% TSS reduction.

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

The Village previously had a regional water quality pond designed by standards availabe at the time of design (1999), which no longer meets criteria for stormwater quality in current standards. This as well as other factors due to changes in modeling guidance resulted in a lower percent TSS removal than previously accepted. Currently the Village is working with Wisconsin DNR personnel to move forward with a project to revise the pond so that water quality benefits can be realized.

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) ↓	Title of Authorized Representative (type or print) ↓
Steve Birr	**Village Engineer**

Signature of Authorized Representative	Date
Steve R. Birr	7/5/16

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.

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8.B. Comments about this project: None.		
8.C. Type or print Name of Regional NPS Coordinator →	Erin E. Hanson	
8.D. Signature of Regional NPS Coordinator 		8.E. Date 07/05/16