

**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 type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Planning
<input checked="" type="checkbox"/> Notice of Discharge Grant	

**2. PROJECT NAME & LOCATION.**

2.1. Project Name: <b>Spindler Direct Discharge NOI</b>	2.2. Grant Number: <b>CW17-37000-N11</b>	
2.3. Governmental Unit Name: <b>Marathon County</b>	2.4. Primary Watershed Name: <b>Big Eau Pleine Flowage</b>	2.5. Watershed Code: <b>CW-17</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	Russell Spindler				
Cost-Share Agreement Number (Agricultural only)	2011-N11				
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	070700021604				
Nearest Surface Receiving Water Affected					
Name:	Un-named Tributary				
Waterbody Identification Code(s) (WBIC):	5013648				
Nearest Impaired Water Affected					
Name:	Big Eau Pleine Flowage				
Waterbody Identification Code(s) (WBIC):	1427400				
Pollutants Reduced	P, BOD, Solids, Bacteria, NO3				
Impairments/Impacts Addressed	Yes				

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Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	T26N				
Range	R4E				
Section	4				
Quarter	SE1/4				
Quarter-Quarter	NE1/4				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	90 01' 33"				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	44 45' 46"				

**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"	120 acres	RUSLE
Manure Storage Facilities: New Construction/Alterations	Number of facilities	1 facilities	NRCS Standard 313, NRCS Standard 634
	Number of animal units	285 animal units	WDNR A.U. Calculation Worksheet
Manure Storage Facilities: Closure	Number of facilities	1 facilities	NRCS Standard 360
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	1 facilities	On-site Count
	Number of animal units	147 animal units	WDNR A.U. Calculation Worksheet
Clean Water Diversions in WQMA	Pollutant load reduction	20 lbs.	Barny P Load
	Number of farms with diversions	1 farms	On-site Count
	Number animal units	91 animal units	WDNR A.U. Calculation Worksheet
Nutrient Management on Agricultural Land	Acres planned	120 acres	Acreage from 2011 plan
Prohibition: Manure Storage Overflow	Number of farms	1 farms	On-site Count
	Number of animal units	147 animal units	WDNR A.U. Calculation Worksheet
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	1 farms	On-site Count
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	123 lbs.	Barny P Load
	Number of facilities	3 facilities	On-site Count
	Number of animal units	147 animal units	WDNR A.U. Calculation Worksheet
Prohibition: Unlimited Livestock Access	Feet of bank protected	0 feet	
	Number of farms	0 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: Milkhouse Waste	Units (use feet, acres or number as applicable)	250	gal/day - based on C. Bougie 1993 study of Milkhouse Wastewater Characteristics on WI Farms
	Pollutant load reduction (if method available)	8202029	820 #/yr BOD, 20#/yr DRP, 29#/yr TKN, See above for numbers
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):

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

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 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:	

C.4. Identify the Storm Water goals addressed (check all that apply)	
<input type="checkbox"/> Reduce TSS	Comments:
<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	
NR 151	45/19/2010	Rob Vesperman	Russell Spindler	<input type="checkbox"/>	<input type="checkbox"/>	
NR 151	4/1/2011	Shawn Esser	Russell Spindler	<input type="checkbox"/>	<input type="checkbox"/>	
NR 243	4/18/2011	Scott Watson	Russell Spindler	<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.)

This project brings this farmstead and all parcels owned by this landowner, 160 acres in total, into compliance with the State Ag Performance Standards and Prohibitions.

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

This project did not get started until late last summer. The contractor was able to get almost everything up and running before winter but only because the fall was relatively good for construction. The landowner, engineer and contractor had a few personality issues towards the end but we were able to work through them to get the project complete.

This project was somewhat unique for the Marathon County CPZ because we did not do the preliminary design work nor any of the engineering, project management, nor the final construction check. Since this was our first project with a "hands off" approach we had to figure out how to deal with observing construction, staying out of the decision the making process and making changes to the project during construction, and required documentation on all levels of the project.

**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) ↓

Paul Daigle

Title of Authorized Representative (type or print) ↓

Interim Director, Marathon County CPZ

Signature of Authorized Representative

Date

**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.

