

Final Report

Agricultural Targeted Runoff Management &
 Notice of Discharge Grant Programs

Form 3400-189A (R 8/15)

Page 1 of 2

NOTICE: This document is required under s. 281.65, Wis. Stats., and chs. NR 153 and 154, Wis. Adm. Code. A final project report must be submitted as part of the final reimbursement request. Personally identifiable information contained in this form will be used for determining reimbursement eligibility in the Targeted Runoff Management and Notice of Discharge Grant Programs and will not be used for any other purpose.

INSTRUCTIONS: Send the completed, electronic copy of this form and all attachments to the Department of Natural Resources (DNR) Region Nonpoint Source Coordinator. Please read all instructions prior to completion.

Grant Type			
Select Grant Type Small Scale Non Total Maximum Daily Load (TMDL)			
Project Name & Location			
Project Name Milk Stream Dairy Runoff Management			
Grant Number TRC-WR08-68000-13A		Governmental Unit Name Waupaca County Land & Water Conservation Dept.	
County Waupaca	Watershed Name South Branch Little Wolf River	12-Digit HUC 040302021601	
Project Contact Name Brian Haase	Phone Number (715) 258-6482	E-mail Address brian.haase@co.waupaca.wi.us	
<input type="checkbox"/> For a project with multiple site locations, an aerial photo map is attached with each site location labeled.			

Site Location - 1							
Name of Cost-Share Recipient Daniel & Sommer Peterson					Animal Units 210	Nearest Receiving Waterbody Peterson Creek	
Township 23	Range 11	E / W E	Section 29	Quarter SE	Quarter/Quarter NW	Latitude 44.2617	Longitude -89.1127
Compliance Requirements - 1							
Chs. NR 151 or 243 Wis. Adm. Code Notice Type Other		Notice letter attached <input checked="" type="checkbox"/>	Compliance achieved? If no, explain in site information <input checked="" type="radio"/> Yes <input type="radio"/> No			Compliance determination letter attached <input type="checkbox"/>	
<input checked="" type="checkbox"/> Attached is a copy of the written statement the County provided to the landowner and cost-share recipient of the landowner's obligation to maintain compliance with performance standards & prohibitions on cropland and livestock facilities addressed by the cost-share agreement. Compliance at these sites must be maintained in perpetuity regardless of future cost sharing. The County has also placed a copy of this written statement in the County files.							

Summary of Results - 1							
Best Management Practice Installed	Quantity	Unit of Measure	Performance Standard/Prohibition Addressed	Total Installation Cost	Load Reduction		
					Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr
Manure Storage Systems	1	No.	Code(s) 4,3,7,9,12	\$528,366.00			
Waste Transfer Systems	2	No.	Code(s) 4,7,9	\$45,934.00			
Nutrient Management	817	Acres	Code(s) 3,9	\$0.00			
Relocate/Abandon Animal Feeding Operations	1	No.	Code(s) 12	\$0.00	68.3		

Site Location Attachment - 1	
Check the box if the required information for the site is attached:	
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)	<input checked="" type="checkbox"/> Load reduction modeling documents
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled	<input type="checkbox"/> Water quality monitoring results/summary, if applicable
Site Information - 1	

Final Report

Narrative space will expand to fit

Petersons built a new robotic freestall barn over manure storage to replace their old system of a stanchion barn with attached concrete barnyard. In the process the old yard was abandoned and/or used to store feedbags on. The old barn is now used for young stock inside. Runoff from the old site is now only clean water.

DNR may use this site as a success story to meet state and federal reporting needs.

Additional Project Information and/or Comments

Narrative space will expand to fit

Petersons have also had complaints in the past regarding animal access of dry cows and heifers in the pasture along Peterson Mill Pond on the north side of Hwy V. With the exception of a few animal units, grazing of these pastures has also been eliminated. Fencing has been altered to give Peterson's additional control of the site. There are no denuded areas or other current violations of NR 151 present.

Grantee Certification

A responsible government official (authorized signatory) must authorize and date the final report form prior to submittal to DNR.

I certify that, to the best of my knowledge, the project is complete and the information contained in this final report and attachments are correct and true.

Name of Authorized Government Official 	Title of Authorized Government Official County Conservationist	Date 2-19-16
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For DNR Use Only

Received complete reports with all attachments Practices implemented were consistent with the grant agreement

Comments about this project:

None.

Lat: 44.4385

Long: -89.1919

Name of Region Nonpoint Source Coordinator Erin Hanson	Date 03/01/16
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Send the Final Report and attachments to the Community Financial Assistance Grants Manager and to the Runoff Management Grant Coordinator. Keep a printed copy for the Region file.

BUFFER DESIGN USING BARNY

Farmer: Peterson Planner/Designer: BH Date: 2/22/16

	Input	Output	
Closest City of similar climate:	<input type="text" value="2"/>		1 Madison 2 Appleton 3 Wausau 4 Eau Claire
Paved lot area:	<input type="text" value="8,850"/>	sq ft	
Earth lot area:	<input type="text"/>	sq ft	
Animal Lot size:		8,850 sq ft	
Is there a DESIGNED settling basin	<input type="text" value="2"/>		Yes= 1; No= 2
Animals on lot:	<input type="text" value="100"/>	number	<input type="text"/>
Type of animal:	<input type="text" value="1"/>		(Dairy = 1; Beef=2)
Ave. Animal Weight:	<input type="text" value="1,400"/>	lbs	<input type="text"/>
Lot Use:	<input type="text" value="1"/>		1= Heavy; 2= Medium; 3= Light)

TRIBUTARY AREAS

Tributary area: sq ft sq ft

Runoff Curve Number:

Roof area: sq ft

68.3 lbs P per year
at D.S. Lot edge:

Maximum permissible P Output lbs Your choice based on impacted resources- Max is 15
that can be released

<p>BUFFERS - Size by trial and error</p> <p>First Buffer Length: <input type="text" value="0"/> ft (See Note Below)</p> <p> Slope: <input type="text"/></p> <p> "c" : <input type="text"/> →</p> <p>Second Buffer Length: <input type="text"/> ft</p> <p> Slope: <input type="text"/></p> <p> "c" : <input type="text"/></p> <p>P (lbs) after the buffers: <input style="border: 2px solid black;" type="text" value="68.3"/> lbs P per year</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">"c" Value Table</th> </tr> </thead> <tbody> <tr><td>Permanent Meadow</td><td style="text-align: right;">0.59</td></tr> <tr><td>Woods, Heavy Litter</td><td style="text-align: right;">0.59</td></tr> <tr><td>Woods, Lt Ltr</td><td style="text-align: right;">0.29</td></tr> <tr><td>Well managed grazing</td><td style="text-align: right;">0.44</td></tr> <tr><td>Fair managed grazing</td><td style="text-align: right;">0.29</td></tr> <tr><td>Good Pasture</td><td style="text-align: right;">0.22</td></tr> <tr><td>Fair Pasture</td><td style="text-align: right;">0.15</td></tr> <tr><td>Small Grain</td><td style="text-align: right;">0.29</td></tr> <tr><td>Legume</td><td style="text-align: right;">0.29</td></tr> <tr><td>Contoured Row Crop</td><td style="text-align: right;">0.29</td></tr> <tr><td>Non-contoured row crop</td><td style="text-align: right;">0.05</td></tr> </tbody> </table>	"c" Value Table		Permanent Meadow	0.59	Woods, Heavy Litter	0.59	Woods, Lt Ltr	0.29	Well managed grazing	0.44	Fair managed grazing	0.29	Good Pasture	0.22	Fair Pasture	0.15	Small Grain	0.29	Legume	0.29	Contoured Row Crop	0.29	Non-contoured row crop	0.05
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NO GOOD - Too much P released

BUFFER SIZING	13,275 sq ft	
Chosen Buffer Width <input style="border: 2px solid black;" type="text"/>	feet	Min. Acceptable Buffer Area
	#DIV/0!	Min. Bfr. Len. Based on BARNY
Chosen Buffer Length <input style="border: 2px solid black;" type="text"/>	feet	Min. Bfr. Len. Based on Area
	#DIV/0!	

**Waupaca County
Land & Water Conservation Department**

811 Harding Street
Waupaca WI 54981
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Corey Schuelke
Engineering Technician
Greg Peterson
Engineering Technician
Dan McFarlane
Engineering Technician/GIS
Stefan Stultz
Nutrient Mngmt. Specialist

March 17th, 2015

Dan & Sommer Peterson
E756 Cty Hwy V
Scandinavia, WI 54977

Dan & Sommer,

Waupaca County is required to inform you in writing, as part of the Targeted Runoff Management (TRM) grant process, of your obligation to maintain compliance with the applicable state agricultural performance standards and prohibitions that were addressed by the TRM cost-share agreement. This agreement provided cost-sharing for your manure storage and barnyard runoff management project. These standards and prohibitions are outlined in Subchapter II (NR 151.02-NR 151.09) of Wisconsin Administrative Code NR 151. Enclosed you will find a copy of NR 151 Subchapters I & II that pertain specifically to agriculture and your project. I encourage you to take the time to read them over carefully.

Also, to further comply with NR 151.07 (Nutrient Management) and Section 10.52 of the Waupaca County Manure Storage Ordinance, Waupaca County and the State of Wisconsin requires that you submit a copy of your Nutrient Management Plan (NRCS 590) to our office by April 1st of each year. Copies of your plan will be kept on file for potential review by either DNR or DATCP staff.

If you have any questions regarding this issue or would like a full copy of Wisconsin Administrative Code NR 151, please feel free to call me at 715-258-6482.

Sincerely,

Brian Haase
County Conservationist
Waupaca County LWCD
715-258-6482









10 01 2014



10 01 2014

8' END

8' END



10 01 2014

