

Final Report

Agricultural Targeted Runoff Management &
 Notice of Discharge Grant Programs

Form 3400-189A (R 8/15)

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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							
Gross Barnyard Waste Management							
Grant Number				Governmental Unit Name			
TRC-GB08-38000-12C				Marinette County Land & Water Conservation Division			
County		Watershed Name		12-Digit HUC			
Marinette		Little Peshtigo		040301050504			
Project Contact Name			Phone Number		E-mail Address		
Gregory G. Cleereman			(715) 732-7783		gcleereman@marinettecounty.com		
<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				Animal Units		Nearest Receiving Waterbody	
Jeremy Gross				129		Unnamed Trib. to Peshtigo River	
Township	Range	E / W	Section	Quarter	Quarter/Quarter	Latitude	Longitude
30	21	E	6	SE	NW	45.0987	-87.9901
Compliance Requirements - 1							
Chs. NR 151 or 243 Wis. Adm. Code Notice Type		Notice letter attached	Compliance achieved? If no, explain in site information			Compliance determination letter attached	
		<input type="checkbox"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No			<input checked="" 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	Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr
Manure Storage Systems	1	No.	Code(s) 4	\$126,406.66			
Barnyard Runoff Control Systems	1	No.	Code(s) 12	\$87,579.66	83.9		
Waste Transfer Systems	1	No.	Code(s) 4	\$77,945.80			

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
Narrative space will expand to fit
 A barnyard, manure storage and manure transfer system were installed to address the pollution needs at this site. The manure transfer system will pump manure and milking center waste from an existing barn to the storage. The manure storage is sized to hold the manure, milk house waste and runoff from the barnyard. Waste is stored until it can be

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properly field spread and incorporated to comply with the most up to date regulations. The manure contained in the manure storage will be utilized in a manner that meets the requirements established in NR151.07 and ATCP 50.04 (3).

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
 No significant challenges in the installation of the BMP's on this site

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	Date
Gregory G. Cleereman	Marinette County Conservationist	01/06/2016

For DNR Use Only

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

Comments about this project:
 None.

Name of Region Nonpoint Source Coordinator	Date
Erin E. Hanson	01/12/2016

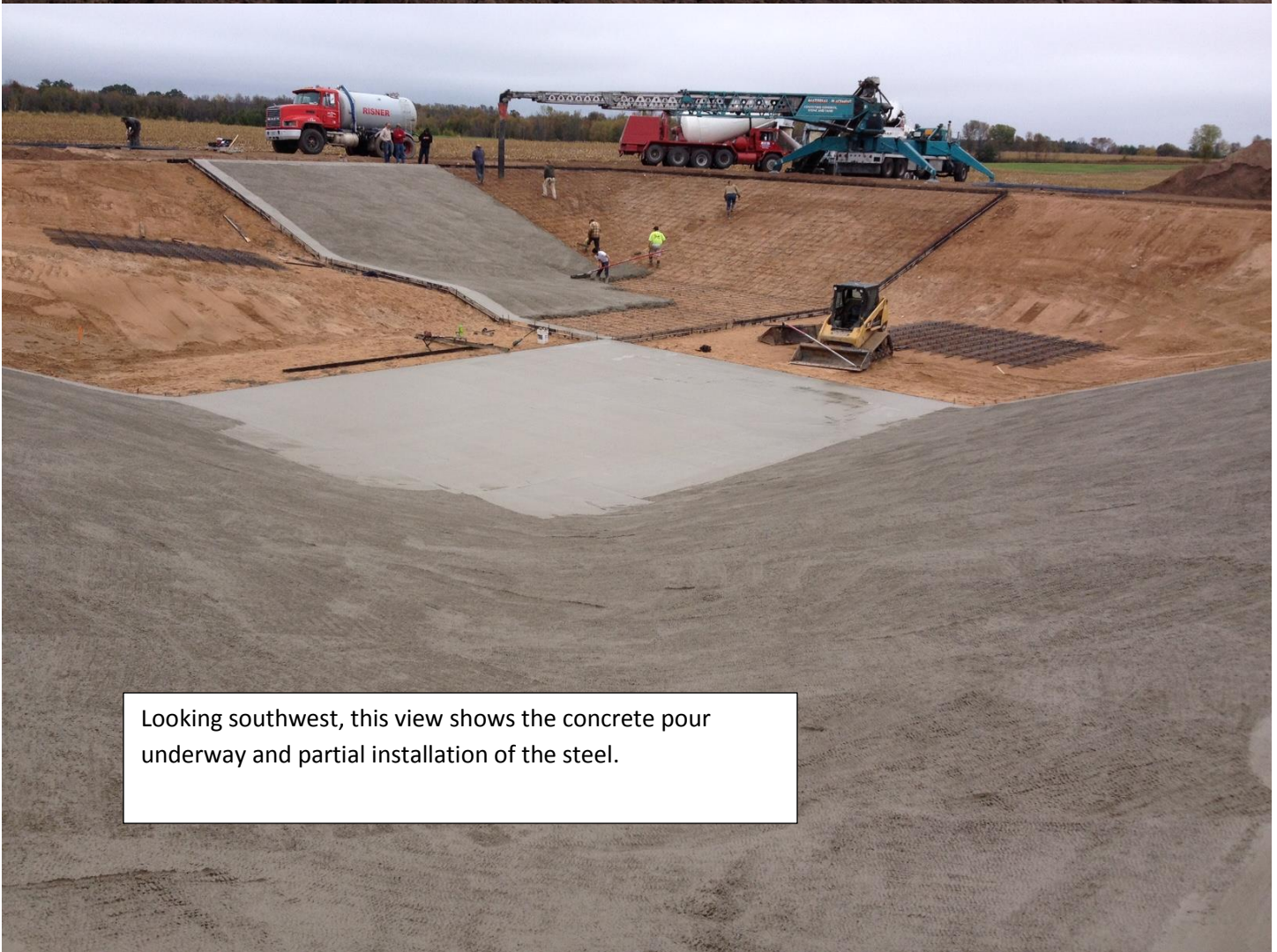
Send the Final Report and attachments to the Community Financial Assistance Grants Manager and to the Runoff Management Grant Coordinator. Keep a printed copy for the Region file.

Project Pictures for Gross (TRC-GB08-38000-12C)





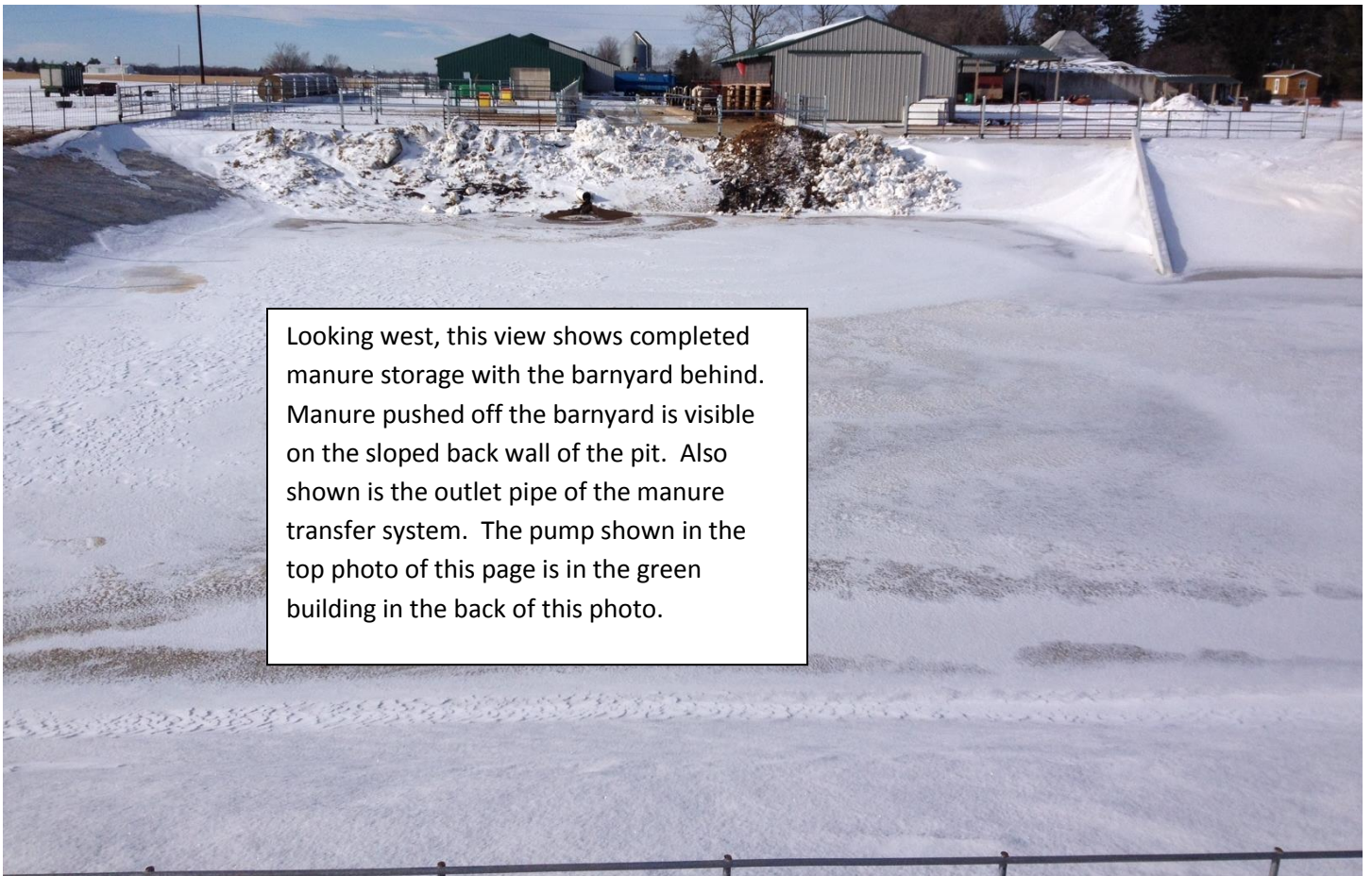
Looking northeast, this view shows excavation underway for the manure storage.



Looking southwest, this view shows the concrete pour underway and partial installation of the steel.



View from southeast corner of existing Free Stall barn looking northeast. The Manure Transfer System Reception Pit and the Barn Yard are under construction. Left side of photo shows the end of the barn cleaner which will bring Free Stall manure to the “wet” Reception Pit shown center foreground. The green pump, visible in the “dry” reception pit, will convey manure under the Barn Yard to the Manure Storage, visible at the back of the photo. The Barn Yard is graded to gravity flow waste and precipitation to the Manure Storage.



Looking west, this view shows completed manure storage with the barnyard behind. Manure pushed off the barnyard is visible on the sloped back wall of the pit. Also shown is the outlet pipe of the manure transfer system. The pump shown in the top photo of this page is in the green building in the back of this photo.



LAND INFORMATION DEPARTMENT

John Lefebvre
Director

Greg Cleereman
Conservationist

Tina Barnes
Property Lister

January 7, 2016

Jeremy Gross
N3850 North 9th Road
Pound, WI 54161-9642

Subject: Performance Standards and Prohibitions

Mr. Gross,

Thank you for your recent efforts to protect our County's water resources. The Wisconsin DNR requires us to acknowledge you have successfully implemented nonpoint source pollution control best management practices on your farm under the Targeted Runoff Management Program cost-share agreement 12-GrossJ-01 signed 9/24/2014. Installing practices under this agreement has brought you into compliance with performance standards and prohibitions as described in the table below.

Name and Citation of Standard/Prohibition	Identification of Parcel(s) Where Compliance Was Achieved
Animal waste and barnyard runoff performance standards and prohibitions met	028-00561.003

In accordance with ch. NR 151, Wis. Adm. Code, any cropland practice or livestock facility brought into compliance with a state performance standard or prohibition must remain in compliance in perpetuity regardless of future cost sharing. Since you are now deemed in compliance with state standards and prohibitions as identified above, it is required that you and any future landowners or operators maintain compliance with the standards and prohibitions at the parcels identified.

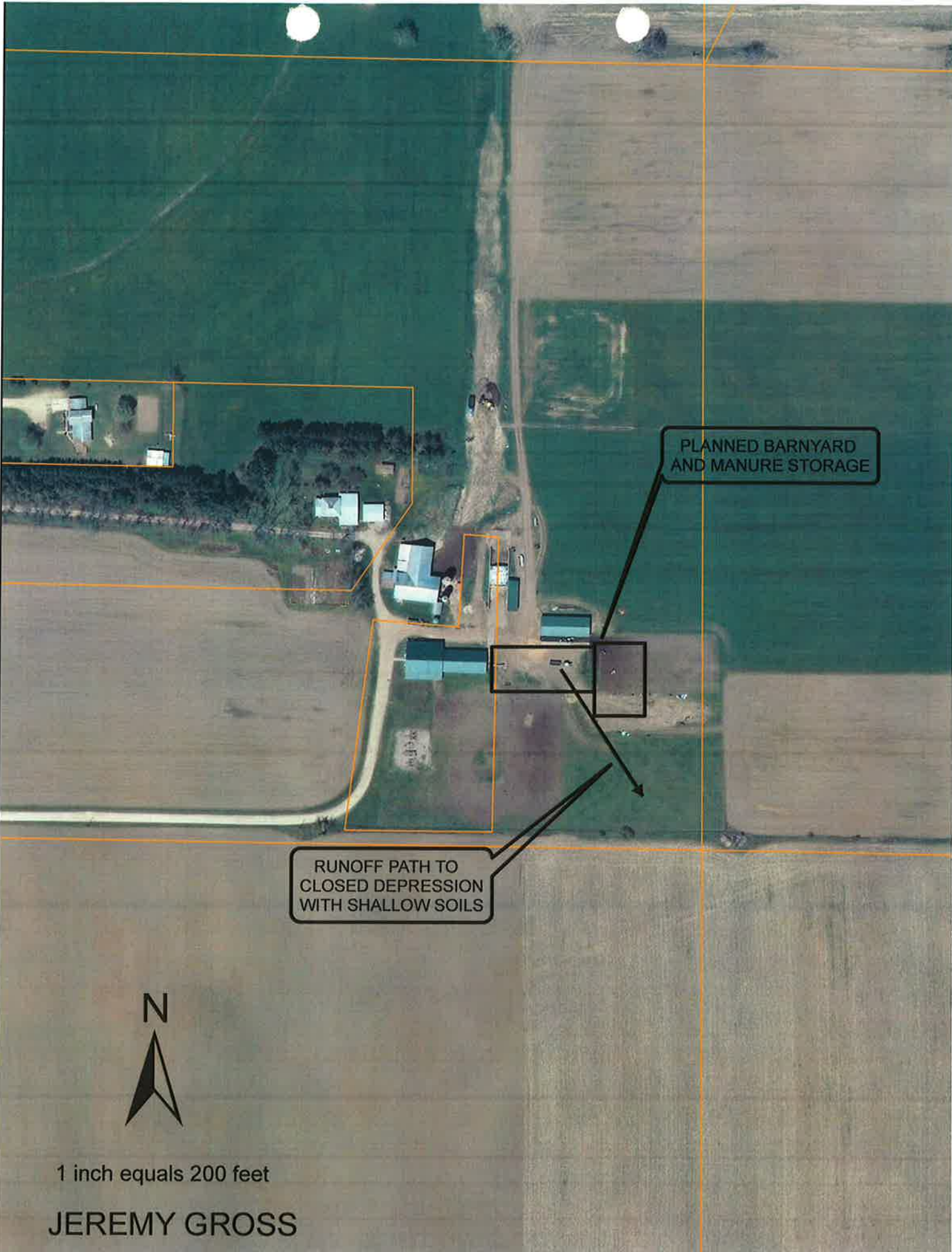
This letter only addresses the compliance status on your farm resulting from practices installed under the cost share agreement identified above. There may be additional information on file for your farm concerning your compliance status with state performance standards and prohibitions. If you have any further questions, please contact me at 715-732-7783 or gcleereman@marinettecounty.com.

Sincerely,


Greg Cleereman
Marinette County Conservationist

Cc: Erin Hanson- NER WDNR





PLANNED BARNYARD AND MANURE STORAGE

RUNOFF PATH TO CLOSED DEPRESSION WITH SHALLOW SOILS



1 inch equals 200 feet

JEREMY GROSS

EXISTING BUFFER P OUTPUT (Based on BARNY)

Farmer: Jeremy Gross

Planner/Designer: PK

Date: 4/6/11

	Input	Output	
Closest City of similar climate:	3		1 Madison 2 Appleton 3 Wausau 4 Eau Claire
Paved lot area:	2,000		sq ft
Earth lot area:	15,000		sq ft
Animal Lot size:		17,000	sq ft
Is there a designed settling basin?	2		Yes= 1; No= 2
Animals on lot:	60 number	40 number	
Type of animal:	1	1	(Dairy = 1;Beef=2)
Ave. Animal Weight:	1,400 lbs	1,000 lbs	
Lot Use:	1		1= Heavy;2=Med;3= Light)

TRIBUTARY AREAS

Tributary area:	2,000	sq ft		sq ft	
Runoff Curve Number:	74			←	See RCN tab below for typical values
Roof Trib. area:	4,000	sq ft			

83.9 lbs P per year at downstream lot edge

Enter Existing Buffer Data:

Length:	150	ft	
Width:	5	ft	
Buffer area:			
Slope:	2	%	
c value	0.15		For c values see table below

P Output: 83.9 lb