

Final Report

Agricultural Targeted Runoff Management & Notice of Discharge Grant Programs

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 Notice of Discharge		
Project Name & Location		
Project Name Lee Deboer, 8962 County Road N, Arpin, WI 54410		
Grant Number NOD72000Y16	Governmental Unit Name Wood County Land & Water Conservation Department	
County Wood	Watershed Name Mill Creek	12-Digit HUC 000707000302
Project Contact Name Adam Groshek	Phone Number (715) 421-8472	E-mail Address agroshek@co.wood.wi.us
<input checked="" 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 Lee Deboer				Animal Units 550	Nearest Receiving Waterbody Mill Creek		
Township 24	Range 05	E / W E	Section 16	Quarter SW	Quarter/Quarter NW	Latitude 44.5634	Longitude -89.923
Compliance Requirements - 1							
Chs. NR 151 or 243 Wis. Adm. Code Notice Type NOI / NOD		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 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	Load Reduction		
					Phosphorus lbs/yr	Nitrogen lbs/yr	Sediment Tons/yr
Manure Storage Systems	1	No.	Code(s) 10	\$258,986.07	544	932	0
Feed Storage Runoff Control Systems	1	No.	Code(s)	\$53,727.68	65	404	0

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 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
 Most of the initial payment was done at the end of 2016 after completion of the manure storage, manure transfer, and leachate transfer systems. The final payment will be sent out in December 2017 for completion of the vegetated treatment area for the storm event related diluted feed leachate in 2017.

Final Report

Agricultural Targeted Runoff Management &
Notice of Discharge Grant Programs

Form 3400-189A (R 05/16)

Page 2 of 2

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

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
Shane A. Wucherpennig	County Conservationist	12/08/2017

For DNR Use Only

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

Comments about this project:

Name of Region Nonpoint Source Coordinator	Date

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.



Figure 1: Beet and other feed leachate runoff from feed storage area (before in Aug. 2015)



Figure 2: Feed leachate flowing in ditch and eventually reaching waters of the State of WI (before in Aug. 2015)

DeBoer NOD Before/After photo summary 2017



Figure 3: Feedlot manure runoff overflowing tank and eventually reaching waters of the State of WI (before in Aug. 2015)



Figure 4: Feed leachate runoff flowing into PLC pumped tank designed to catch "hot" leachate and allow rain diluted runoff onto VTA (after in Oct. 2016)



Figure 5: 3-cell VTA designed to contain 24-hour 25 year storm event after "hot" leachate is pumped into new manure storage tank (after in Oct. 2016)



Figure 6: Mostly established 3-cell VTA and completed Slurrystore manure storage structure in middle left background (after in Nov. 2016)

DeBoer NOD Before/After photo summary 2017



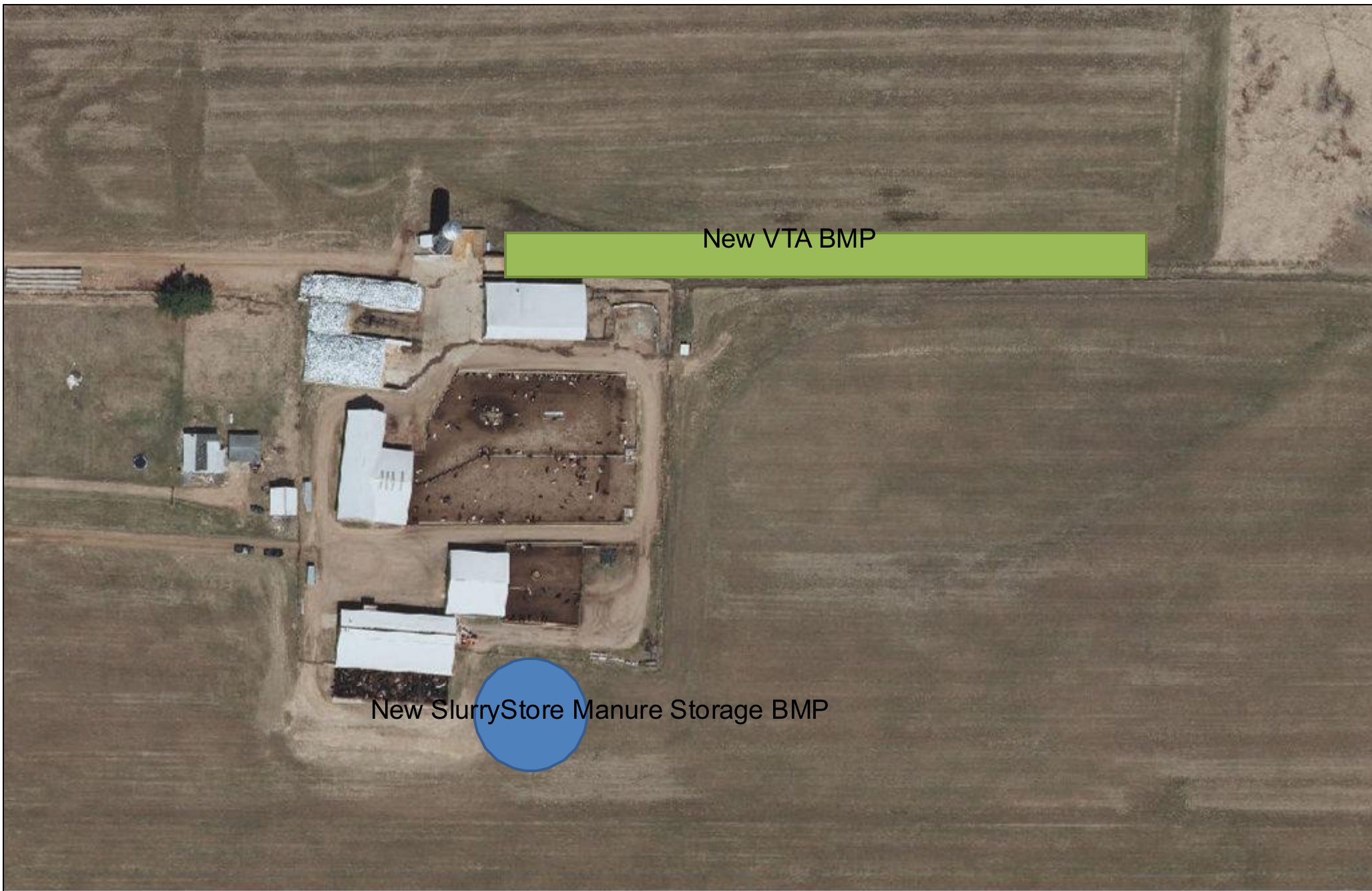
Figure 7: Manure tank pump-out riser to prevent manure overflow (after in Oct. 2016)



Figure 8: Completed Slurrystore manure storage structure where manure lot runoff and "hot" feed leachate is pumped into automatically (after in Nov. 2016)



Figure 9: Completed VTA (after in Aug. 2017)



New VTA BMP

New SlurryStore Manure Storage BMP



Wood County Land Information Office
Map created @ gis.co.wood.wi.us

DeBoer 2015 NOD aerial

Disclaimer: This Map is NOT a Survey!!!

No information on this website is intended to serve as legal evidence of size, shape, location or ownership of real estate or environmental features including floodplains and wetlands. Wood county assumes no liability related to the use of this map. Property types open to the public for hunting should ALWAYS be verified by the Treasurer's Office.



December 8, 2017

Notice of Eligibility and Compliance Requirements for Cost-Sharing

The Wood County Land Conservation Department is pleased to inform you that you are eligible to receive a cost-share grant for Conservation Practices from the Wisconsin Department of Agriculture, Trade and Consumer Protection. The following serves as notice to you of the provisions that will be included in your cost-share contract and your obligation to comply with those provisions.

If you decide to accept this offer of cost-share funds, you will be required to develop and follow a nutrient management plan consistent with NRCS Standard 590 with continued compliance beyond the period specified in your cost-sharing contract.

Additionally, Chapter NR 151.07 (Wisconsin Runoff Pollution Performance Standard) requires a landowner or operator who achieves compliance with an agriculture performance standard, the standard attaining compliance must be maintained by the existing landowner or operator and all future landowners, regardless of the availability of cost-sharing.

Along with the cost-share agreement, the following are the agriculture performance standards that will be inventoried for compliance on your operation. Should one or more be out of compliance, LCD staff will review management alternatives and corrective actions. Please note that you will not be required to comply with such standards unless cost sharing is made available to you.

- All cropland must have a soil erosion rate that meets the tolerable soil loss (T).
- Construct, maintain and close manure storage facilities to prevent manure overflows and leaks.
- No direct runoff from a feedlot or stored manure into waters of the state.
- Nutrients shall be applied in accordance with an approved nutrient management plan
- Manure Management Prohibitions
 - Divert clean water from feedlots within Water Quality Management Areas.
 - No overflow of manure storage facilities.
 - No unconfined manure pile(s) in Water Quality Management Areas.
 - No unlimited access by livestock to waters of the state in a location where high concentrations of animals prevent the maintenance of adequate sod or self-sustaining cover.

Therefore, I/We Lee Deboer – Flying Dollar LLC, hereby agree to the requirements
(Print Full Name of Landowner)

stated above on _____
(Date)

Lee Deboer
Signature of Cost Share Recipient

7-11-16
Date

Signature of Landowner (if not cost share recipient)

Date

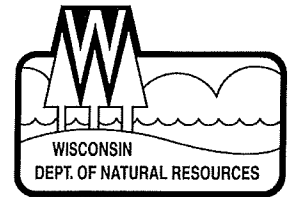
Signature of Wood County LCD Representative

Date

Personally came before me this 11th day of July, 2016, the above named Lee Deboer
(landowner)

to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

Shane A. Wucherpfennig
SIGNATURE PRINT NAME
Notary Public, State of Wisconsin
My commission expires June 29, 2018 (is permanent)



December 18, 2017

Lee Deboer
 Flying Dollar Cattle, LLC
 8962 County Highway N
 Arpin, WI 54410

Subject: Satisfaction of Notice of Discharge (Category I)

Dear Mr. Deboer:

The purpose of this letter is to acknowledge that you have implemented the necessary corrective actions to comply with the following:

Notice Type	Date Notice Issued	Operation Location
Notice of Discharge – Category I	June 1, 2016	SW¼, NW¼, Sec. 16, T24N, R5E, Town of Sherry, Wood County.

The Notice of Discharge (NOD) was issued after a field verification concluded that process wastewater (feed leachate) and manure were discharging into waters of the state via a man-made conveyance. With technical assistance from the Wood County Land Conservation Department (LCD), you have successfully installed and implemented the necessary corrective actions to comply with State Agricultural Performance Standards and Prohibitions. As a result of implementing these practices, the DNR, in consultation with Wood County, has determined that you are now in compliance with the following State Agricultural Performance Standards and Prohibitions at the locations specified below:

Performance Standard or Manure Prohibition	Parcel Location where Compliance was Achieved
NR 151.02; Sheet, Rill & Wind Erosion Performance Standard. All cropland to be managed to achieve a soil erosion rate equal to, or less than, the tolerable rate ("T"), established for that soil type.	All Cropland Acreage identified within a Nutrient Management Plan approved by the Wood County LCD.
NR 151.05(2); Manure Storage Facilities - New Construction & Alteration Performance Standard. Maintain to prevent overflows or leaks.	SW¼, NW¼, Sec. 16, T24N, R5E, town of Sherry.
NR 151.055; Process Wastewater Handling Performance Standard. No discharge of process wastewater to waters of the state.	SW¼, NW¼, Sec. 16, T24N, R5E, town of Sherry.
NR 151.06; Clean Water Diversion Performance Standard. Divert clean water away from contacting feedlots, manure storage and barnyard areas within a water quality management area.	SW¼, NW¼, Sec. 16, T24N, R5E, town of Sherry.

NR 151.07; Nutrient Management Performance Standard. Apply manure or other nutrients in accordance with an approved NMP plan.	All Cropland Acreage identified within a Nutrient Management Plan approved by the Wood County LCD.
NR 151.08(2); Manure Management Prohibition. No overflow of manure storage facilities.	SW¼, NW¼, Sec. 16, T24N, R5E, town of Sherry.
NR 151.08(3); Manure Management Prohibition. No unconfined manure pile within a water quality management area.	SW¼, NW¼, Sec. 16, T24N, R5E, town of Sherry.
NR 151.08(4); Manure Management Prohibition. No direct runoff from a feedlot or stored manure into waters of the state.	SW¼, NW¼, Sec. 16, T24N, R5E, town of Sherry.
NR 151.08(5); Manure Management Prohibition. May not allow unlimited livestock access to waters of the state. Maintain adequate sod or a self-sustaining vegetative cover.	SW¼, NW¼, Sec. 16, T24N, R5E, town of Sherry.

It is important to note that you will need to adhere to the written Operation and Maintenance (O&M) plan developed for the best management practices (BMPs) installed as a requirement of the cost share agreement with Wood County. If you have any problems meeting the requirements of the O&M, immediately contact the Wood County LCD at (715) 421-8475 to address these issues.

In accordance with NR 151, Wis. Adm. Code, any cropland practice or livestock facility that is brought into compliance with a state performance standard or prohibition must remain in compliance in perpetuity regardless of the availability 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 / operators maintain compliance with the standards and prohibitions on the parcels identified.

Please be aware that if you fail to maintain the corrective actions that you have taken to comply with the Notice of Discharge, the Department of Natural Resources may need to take additional enforcement action under state law.

The Department would like to thank you for your cooperation in this matter, as your efforts have contributed to improving water quality within the Mill Creek Watershed and the Wisconsin River Basin.

Sincerely,



Terence M. Kafka
Nonpoint Source Program Regional Coordinator

cc: Lori Ruess, Wood County LCD (e-copy)
Adam Groshek, Wood County LCD (e-copy)
Shane Wucherpennig, Wood County LCD (e-copy)
DNR CFA Nonpoint Grants, CF/3 (e-copy)
Deb Dix, DNR – Wisconsin Rapids (e-copy)
Mike Gilbertson, DNR – Madison, WT/2 (e-copy)
Bob Baczynski, DNR – Baldwin, (e-copy)
File Copy, DNR– Wausau