

Final Report

Agricultural Targeted Runoff Management &
Notice of Discharge Grant Programs

Form 3400-189A (R 05/16)

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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 Total Maximum Daily Load (TMDL)							
Project Name & Location							
Project Name							
Weninger Waste Storage Reconstruction							
Grant Number				Governmental Unit Name			
TMD-UR13-66000-15				Washington County			
County		Watershed Name			12-Digit HUC		
Washington		East Branch Rock River			070900010105		
Project Contact Name		Phone Number			E-mail Address		
Paul B. Sebo		(262) 335-4805			paul.sebo@co.washington.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					Animal Units		Nearest Receiving Waterbody	
LJ Farms Inc c/o John & Luke Weninger					325		Allenton Creek	
Township	Range	E / W	Section	Quarter	Quarter/Quarter	Latitude	Longitude	
11	18	E	25	SE	SE	43.3851	-88.2826	
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		
NR 151		<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 System Closure	1	No.	Code(s) 6	\$8,250.00			
Manure Storage Systems	1	No.	Code(s) 4	\$338,970.00			

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 type="checkbox"/> Aerial photo map of site with BMPs labeled	<input type="checkbox"/> Water quality monitoring results/summary, if applicable

Site Information - 1
<i>Narrative space will expand to fit</i>
Site 1: There are two farm sites associated with this TRM grant as the attached aerial photo indicates. At Site 1, there was an existing waste storage facility that we believed was leaking based on the documentation on file from the original design packet still in the landowner's conservation plan file. That design indicated the earthen facility was constructed into sand/gravel soil without any mention to the creation or use of fine grained soil liner. This facility was also

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constructed prior to any SCS (NRCS) technical standards. The project consisted of properly abandoning the existing facility and constructing a new concrete lined storage facility designed to meet future capacity needs. The cost share payment was based on a prorated capacity need ensuring grant dollars were being used appropriately.

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

Site Location - 2

Name of Cost-Share Recipient					Animal Units	Nearest Receiving Waterbody	
LJ Farms Inc c/o John & Luke Weninger					75	Allenton Creek	
Township	Range	E / W	Section	Quarter	Quarter/Quarter	Latitude	Longitude
11	18	E	25	SW	SE	43.3862	-88.2955

Compliance Requirements - 2

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
NR 151	<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 - 2

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
Barnyard Runoff Control Systems	1	No.	Code(s) 12	\$13,590.00	65.4		

Site Location Attachment - 2

Check the box if the required information for the site is attached:

- ☒ Photos of pre-and post-implementation of BMP(s) ☒ Load reduction modeling documents
☐ Aerial photo map of site with BMPs labeled ☐ Water quality monitoring results/summary, if applicable

Site Information - 2

Narrative space will expand to fit

Site 2: This site housed the heifers/replacement cattle for the operation. A barnyard runoff system was designed and installed utilizing a vegetated grass strip even though practice standards changed during construction, we modified the designed to best meet current standards.

☐ 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
Debora Sielski	Deputy Planning and Parks Administrator	12/14/2017

For DNR Use Only

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

Comments about this project:

Visited the project site on July 1, 2016. At that time, the project was mostly complete with the exception of gutters and seeding the VTA. Documentation included with the final report attachments indicate the remaining items have been completed.

Name of Region Nonpoint Source Coordinator

Lisa Creegan

Date

12/28/2017

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.

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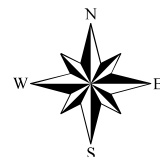
PROJECT NAME: Weninger Waste Storage Reconstruction

Grant Number: TMD-UR13-66000-15



Site 2
T11N, R18E, Sec 25, Q=SW, QQ=SE
Lat = 43.3862, Long = -88.2955

Site 1
T11N, R18E, Sec 25, Q=SE, QQ=SE
Lat = 43.3851, Long = -88.2826



Final Report Agricultural Targeted Runoff Management Grant Program
PROJECT NAME: Weninger Waste Storage Reconstruction
Grant Number: TMD-UR13-66000-15



Construction starting on abandonment of existing waste storage facility



All waste removed from existing storage facility



Sectional view of contaminated soil



Removal of contaminated soil



Waste Storage Facility Abandonment Completed



Grading and shaping earth for new concrete lined storage facility



Pouring the many sections of a new lined facility



Construction completed, the first flow of manure entering the reconstructed storage facility



Heifer Facility feedlot runoff



Constructed settling basin (straw in picture to protect concrete from freezing)



Before Picture of manure washed off
Feedlot laying on top of grass



After picture of vegetated grass buffer area



Washington County

Planning and Parks Department

Land and Water Conservation Division

December 14, 2017

John & Luke Weninger
5355 Division Rd.
West Bend, WI 53095

**Subject: NR 151 Status Report Cover Letter
Full Farm Assessment and Compliance**

Dear John & Luke:

I would like to take this opportunity to congratulate you based on a recent resource evaluation conducted by Paul Backhaus from the Washington County Land and Water Conservation Division (LWCD). The evaluation conducted indicates that you are currently in **full compliance** with all of the States Minimum Performance Standards and Prohibitions, Subchapter II of Chapter NR 151 - Runoff Management, Wis. Adm. Code. The results of this evaluation are in the attached NR 151 Status Report, which indicates the specific performance standards and prohibitions that are currently being achieved per tract of land that you own and/or operate.

Chapter NR 151, Wis. Adm. Code requires that you maintain this level of compliance regardless of future cost sharing. This will require your continued operation and maintenance of all cropland practices and livestock facilities in accordance with accepted standards of practice. This compliance assessment and determination does not cover performance standards and prohibitions that may become effective in the future. Also, any new cropland practices or facilities initiated or constructed on your farm in the future must comply with all effective performance standards at the time you initiate the change on your farm, regardless of cost sharing.

Your understanding of the information in the attached report is very important, as it will serve as formal documentation used to determine eligibility of cost sharing in the future. For this reason, we ask that you **please sign and return the attached NR 151 Status Report Signature Page within 30 days of the receipt of this letter.**

Thank you for your conservation work protecting and improving land and water resources in Washington County. If you have any further questions or concerns, please contact me at the Washington County Land and Water Conservation Division 262-335-4800.

Sincerely,

Paul B. Sebo
County Conservationist

NR 151 Status Report

Typical questions and answers about the information on the NR 151 Status Report.

1. Why the grouping of FSA Tract (Field Group) Numbers for the status report and the compliance determinations are separated by Tax Key Number?

It is estimated that 75% of the active farmers in Washington County participate in the various programs offered through the USDA Farm Services Agency (FSA).

Conservation plans developed by this office typically use their field layout and numbering system because of farmers' familiarity with this system. The tax key number reference enables us to link this information into the counties geographical information system for tracking purposes.

2. If it had been determined that I am *Not in Compliance*, what steps would I need to take?

You basically would have two options available to you; you could either be proactive in achieving compliance with state law by contacting the Land and Water Conservation Division, or wait until you are officially required to comply with the states performance standards and prohibitions. If you choose to contact the LWCD we will, in greater detail, explain the corrective measures you can take, the costs associated with those measures and, if applicable, cost share amounts, availability and requirements associated with federal, state or local funding.

3. What should I do if I do not agree with the LWCD compliance determination?

Please contact the Land and Water Conservation Division at (262) 335-4800 within 30 days of receiving this information. The LWCD is committed to resolving any disagreements in a friendly and cooperative manner. However, if we are still unable to come to some agreement on your compliance status you may appeal the determination to the Land Conservation Committee (LCC). Appeals to the LCC must be made in writing within 90 days of the receipt of this status report. Please keep in mind that if we do not hear from you; or, if you do not return this form within 30 days, we will assume you are in agreement with the information provided.



Washington County

Planning and Parks Department

Land and Water Conservation Division

December 14, 2017

John & Luke Weninger
5355 Division Rd.
West Bend, WI 53095

Subject: NR 151 Letter of Satisfaction

Dear John & Luke:

The purpose of this letter is to acknowledge that by the implementation of the Waste Storage Facility & Barnyard Runoff Control System Best Management Practices (BMP) the Washington County Land and Water Conservation Division has determined that you are now in compliance with the specifically listed Agricultural Performance Standards and Prohibition on the area(s) described:

<u>Agricultural Performance Standard/Prohibition</u>	<u>Description of Compliance Location</u>
NR 151.05 Manure Storage Facilities	T1 0613 – Main Farmstead
NR 151.08(4) No Direct Runoff From Feedlot	T1 0608 – Heifer Lot
NR 151.07 Nutrient Management	Entire Operation

This NR 151 Letter of Satisfaction pertains to an evaluation and NR 151 Status Report Reference Number Invt_12_17 with a date of determination 12/7/17. In accordance with ch. NR 151 Wis. Adm. Code, any practice or facility that is in compliance with a performance standard or prohibition must now remain in compliance regardless of program participation or future government cost sharing and failure to do so is a violation of state law.

Thank you for your conservation efforts protecting and improving land and water resources in Washington County. If you have any further questions or concerns, please contact me at the Washington County Land and Water Conservation Division 262-335-4800.

Sincerely,

Paul B. Sebo
County Conservationist

NR 151 Status Report

1. Identification of Property

Owner Name and Address	Township	Section(s)
John & Luke Weninger 5355 Division Rd. West Bend, WI 5095	Addison	25

2. On-Site Evaluation and Determination Information

Reference Number ¹	LWCD Staff Person Performing Determination	Date of Determination
Invt_12_17	Paul Backhaus	12/7/17

3. Status of Compliance with Performance Standards and Prohibitions (References are to Chapter NR 151, Wisconsin Administrative Code. KEY: YES = In Compliance; NO = Not in Compliance; N/D = No determination made).

FSA Tract Number or Parcel I.D. Number	Agricultural Performance Standards				Manure Management Prohibitions			
	NR 151.02 - Sheet, Rill and Wind Erosion	NR 151.05 - Manure Storage Facilities	NR 151.06 - Clear Water Diversions	NR 151.07 - Nutrient Management	NR 151.08(2) - No overflowing manure storage facilities	NR 151.08(3) - No unconfined manure piles within WQMA ²	NR 151.08(4) - No direct runoff from feedlot or stored manure	NR 151.08(5) - No unlimited livestock access to water of the state.
T1_0613 T1_0608	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Note: This property may be subject to reassessment if additional performance standards and prohibitions become effective.

4. Corrective Measures and Cost Estimate³ (Key: N/A = Not Applicable; N/D - No determination made)

Tax Key No.	Applicable Standard	Description of Protection Measure Needed	Estimated Cost of Corrective Measure	Eligible for Public Cost Sharing (Y/N) ⁴

¹ Reference Number is used to correlate related correspondence, evaluations, records of scenarios and results, and status report signature pages.

² Water Quality Management Area: The area within 1000 feet from the ordinary high water mark of a lake, or the area within 300 feet from the ordinary high water mark of a river or stream.

³ This information is provided for informational purposes only, and is not intended to serve as an official notice requiring action on the landowners part

⁴ Funding sources and technical assistance may be available from Federal, State, or local programs, and third party service providers. If public funds are used, applicable technical standards must be met. Contact the LWCD for more information (262) 335-4800.

BUFFER DESIGN USING BARNY

OWNER: Weninger Farms

DESIGNER: PBS

DATE: 3/31/2014

CHK BY: _____

DATE: _____

	Input	Output	
Closest City of similar climate:	1		1 Madison 2 Appleton 3 Wausau 4 Eau Claire
Paved lot area:	5,100		sq ft
Earth lot area:			sq ft
Animal Lot size:		5,100	sq ft
Is there a DESIGNED settling basin	2		Yes= 1; No= 2
Animals on lot:	100	number	
Type of animal:	1		(Dairy = 1; Beef=2)
Ave. Animal Weight:	750	lbs	
Lot Use:	1		1= Heavy; 2= Medium; 3= Light)

TRIBUTARY AREAS

Tributary area:		sq ft		sq ft
Runoff Curve Number:				
Roof area:	4,360	sq ft		

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

Maximum permissible P Output
that can be released

lbs

Your choice based on impacted
resources- Max is 15

BUFFERS - Size by trial and error

First Buffer

Length: _____ ft (See Note Below)

Slope: _____

"c" : _____

Second Buffer

Length: _____ ft

Slope: _____

"c" : _____

→

"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

P (lbs) after the buffers: 69.2 lbs P per year

NO GOOD - Too much P released

BUFFER SIZING

Chosen Buffer Width		feet	7,650 sq ft	Min. Acceptable Buffer Area
			0 feet	Min. Bfr. Len. Based on BARNY
			#DIV/0! feet	Min. Bfr. Len. Based on Area
Chosen Buffer Length		feet	#DIV/0!	

BUFFER DESIGN USING BARNY

OWNER: Weninger

DESIGNER: PDB

DATE: 1/0/1900

CHK BY: _____

DATE: _____

	Input	Output	1 Madison
			2 Appleton
			3 Wausau
			4 Eau Claire
Closest City of similar climate:	<u>2</u>		
Paved lot area:	<u>5,460</u>	sq ft	
Earth lot area:		sq ft	
Animal Lot size:		<u>5,460</u> sq ft	
Is there a DESIGNED settling basin	<u>1</u>	Yes= 1; No= 2	
Animals on lot:	<u>40</u> number	<u>40</u> number	
Type of animal:	<u>1</u>	<u>1</u>	(Dairy = 1; Beef=2)
Ave. Animal Weight:	<u>800</u> lbs	<u>600</u> lbs	
Lot Use:	<u>1</u>		1= Heavy; 2= Medium; 3= Light)

TRIBUTARY AREAS

Tributary area:	<u>500</u> sq ft	<u> </u> sq ft
Runoff Curve Number:	<u>70</u>	
Roof area:	<u>1,514</u> sq ft	

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

Maximum permissible P Output that can be released	<u>15</u> lbs	Your choice based on impacted resources- Max is 15
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BUFFERS - Size by trial and error

First Buffer	Length:	<u>101</u> ft (See Note Below)
	Slope:	<u>2</u> %
	"c" :	<u>0.22</u> →
Second Buffer	Length:	<u>200</u> ft
	Slope:	<u>8</u> %
	"c" :	<u>0.59</u>

"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

P (lbs) after the buffers: 3.8 lbs P per year

GOOD - Buffer length, slope, and type is OK; proceed with final area sizing calcs below.

BUFFER SIZING

Chosen Buffer Width	<u> </u> feet	8,190 sq ft	Min. Acceptable Buffer Area
		301 feet	Min. Bfr. Len. Based on BARNY
		#DIV/0! feet	Min. Bfr. Len. Based on Area
Chosen Buffer Length	<u> </u> feet	No Good- Less than BARNY length	