

Final Report

Agricultural Targeted Runoff Management & Notice of Discharge Grant Programs

Form 3400-189A (R 05/16)

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			
Maple Creek - Fietzer Farms, Inc.			
Grant Number		Governmental Unit Name	
TRC-TRC69000AY16		Waupaca County Land & Water Conservation Dept	
County	Watershed Name	12-Digit HUC	
Waupaca	Maple Creek	040302021302	
Project Contact Name	Phone Number	E-mail Address	
Brian Haase	(715) 258-6482	brian.haase@co.waupaca.wi.us	
☐ 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	
Fietzer Farms, Inc.					639	Maple Creek	
Township	Range	E / W	Section	Quarter	Quarter/Quarter	Latitude	Longitude
24	14	E	4	SW	SE	44.4902	-88.8076
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		☐	☒ Yes ☐ No			☐	
☒ 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) 4,9,3	\$0.00	85.94		
Barnyard Runoff Control Systems	1	No.	Code(s) 12	\$19,054.00	67.4		
Barnyard Runoff Control Systems	1	No.	Code(s) 12	\$19,054.00	38.9		
Water And Sediment Control Basins	3	No.	Code(s) 8	\$7,949.10			15
Underground Outlets	2,000	Feet	Code(s) 8	\$9,598.90			15
Waste Transfer Systems	2	No.	Code(s) 4,9,3	\$149,010.00	85.94		
Roof Runoff Systems	4	No.	Code(s) 8	\$0.00			

Final Report

Agricultural Targeted Runoff Management &
Notice of Discharge Grant Programs
Form 3400-189A (R 05/16) Page 2 of 2

Site Location Attachment - 1

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 - 1

Narrative space will expand to fit

The BMP's installed at this site are Manure Storage, (2) barnyard runoff containment systems, (2) manure transfers, (4) roof Runoff Systems, (3) Water and Sediment Control Basins (WASCOBS) and approximately 2000' feet of underground outlets serving the WASCOBS. The Manure Storage and Roof Runoff Systems were installed with NRCS funding. The total project occurred over a 3 year period from 2015 to 2017.

☐ 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
Brian Haase	County Conservationist	04/06/2018

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
Eric Evensen	4/23/18

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.

2015

FIETZER
FARMS INC

FIETZER
FARMS INC

E8276

CRAIG R &
MELISSA K
FIETZER

E8272

N

JOHN M
ARTZ

DONALD
WEGE



2017

FIETZER
FARMS INC

FIETZER
FARMS INC

E8276

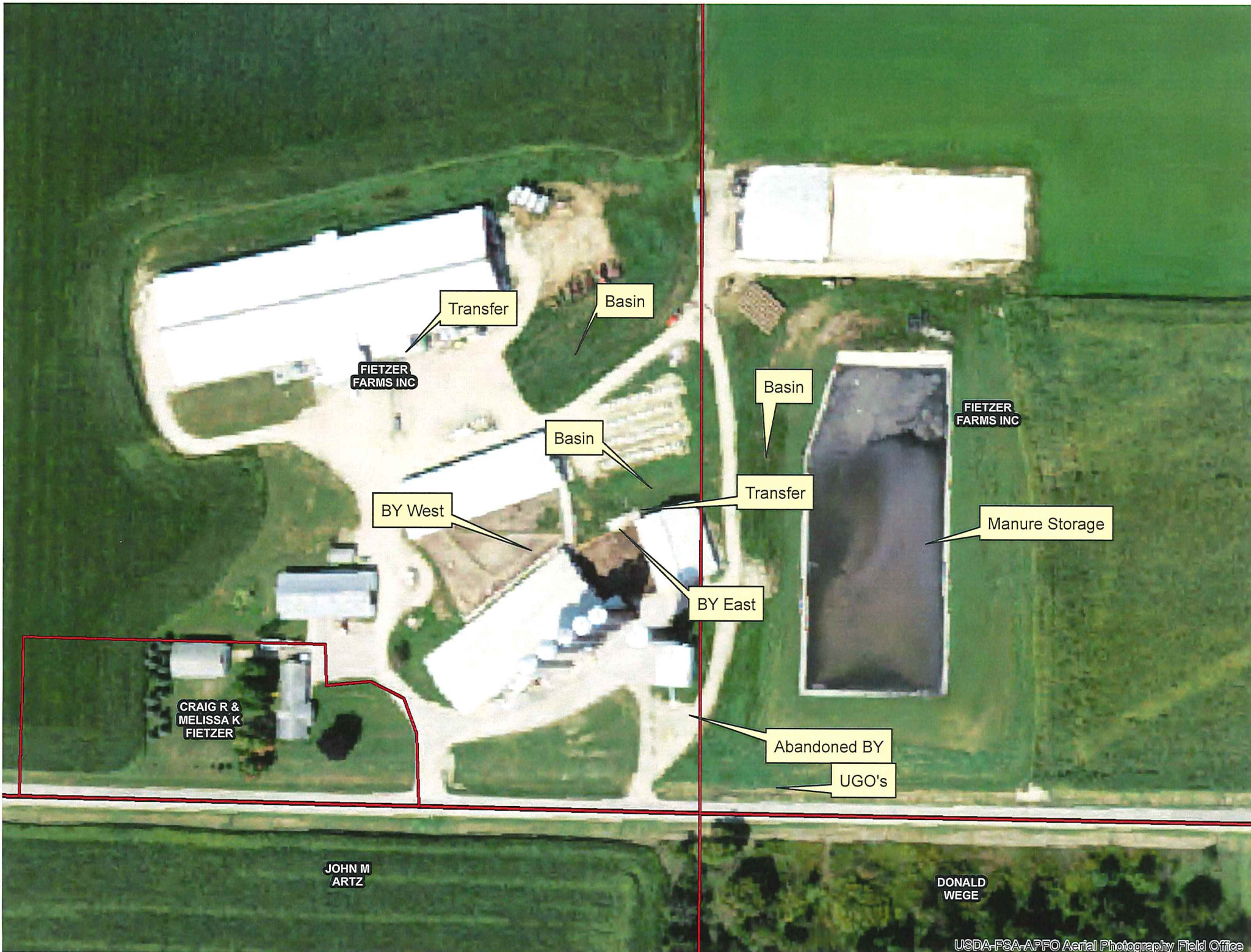
E8272

CRAIG R &
MELISSA K
FIETZER

N

JOHN M
ARTZ

DONALD
WEGE



FIETZER
FARMS INC

Transfer

Basin

Basin

BY West

CRAIG R &
MELISSA K
FIETZER

JOHN M
ARTZ

FIETZER
FARMS INC

Basin

Transfer

Manure Storage

BY East

Abandoned BY

UGO's

DONALD
WEGE



Manure Storage
Construction



Manure Storage
Construction

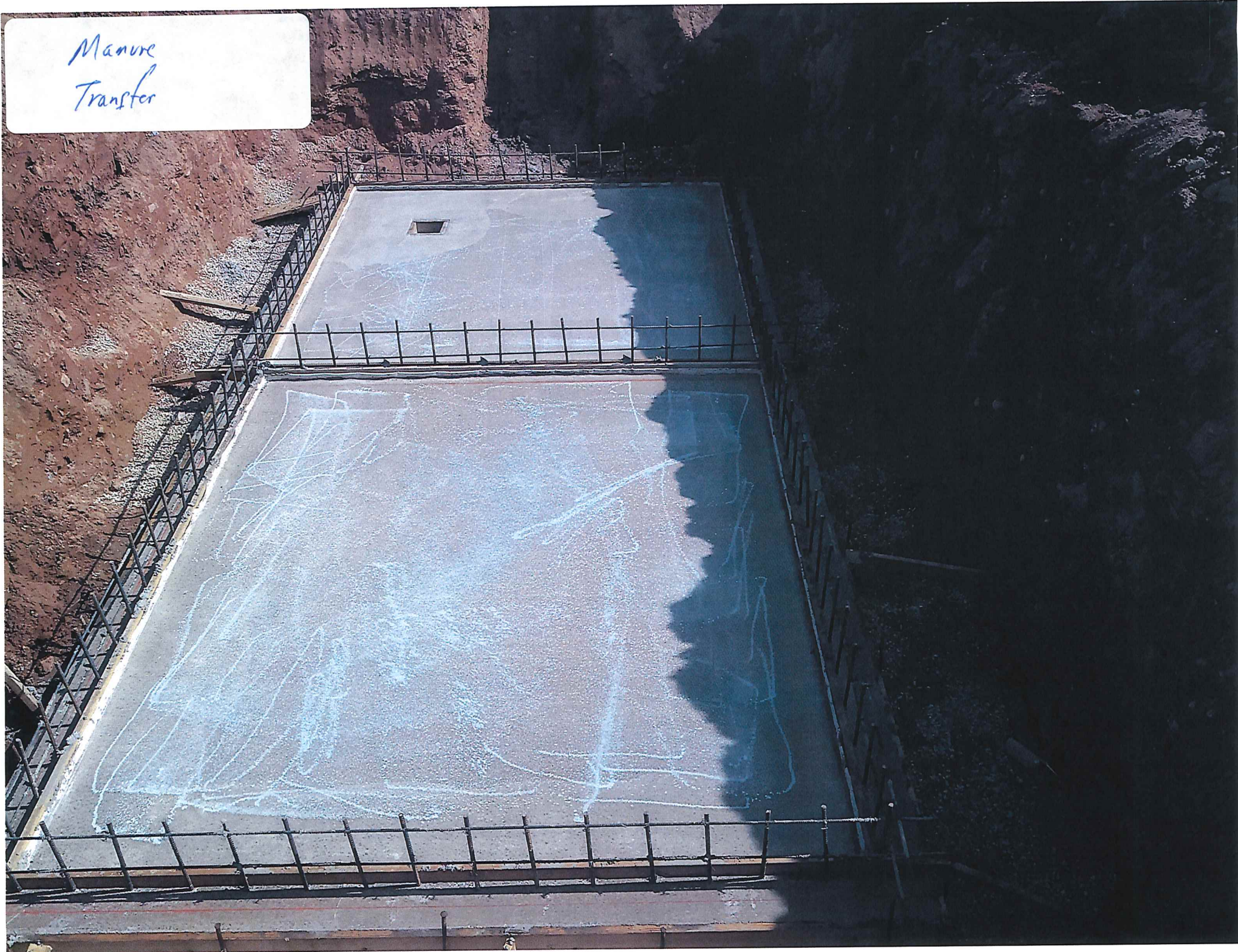






Manure
Transfer

Manure
Transfer



Manure
Transfer





East Barnyard
Total Containment

East Barnyard
Total Containment



East Barnyard
Total Containment
Transfer



West Barnyard
Total Containment



West Barnyard
Total Containment



Sediment Basin 1





Sediment Basin 2

Under ground Outlet



Underground Outlet



PRE CONSTRUCTION P OUTPUT (Based on BARNY)

Farmer: Fietzer

Planner/Designer: DM

Date: 2/26/18

East By

	Input	Output	
Closest City of similar climate:	2		1 Madison 2 Appleton 3 Wausau 4 Eau Claire
Paved lot area:	6,887		sq ft
Earth lot area:	0		sq ft
Animal Lot size:		6,887	sq ft
Is there a designed settling basin?	2		Yes= 1; No= 2
Animals on lot:	75	number	0 number
Type of animal:	1		(Dairy = 1;Beef=2)
Ave. Animal Weight:	1,400	lbs	
Lot Use:	1		1= Heavy;2=Med;3= Light)

TRIBUTARY AREAS

Tributary area: sq ft

Runoff Curve Number:

Roof Trib. area: sq ft

sq ft

See RCN tab below
for typical values

67.4 lbs P per year
at downstream lot edge

Enter Existing Buffer Data:

Length: ft

Width: ft

Buffer area:

Slope: %

c value For c values see table below

P Output:

lb

PRE CONSTRUCTION P OUTPUT (Based on BARNY)

Farmer: Fietzer

Planner/Designer: DM

Date:

West BY

	Input	Output	
Closest City of similar climate:	2		1 Madison 2 Appleton 3 Wausau 4 Eau Claire
Paved lot area:	0		sq ft
Earth lot area:	14,300		sq ft
Animal Lot size:		14,300	sq ft
Is there a designed settling basin?	2		Yes= 1; No= 2
Animals on lot:	75 number	0 number	
Type of animal:	1		(Dairy = 1; Beef=2)
Ave. Animal Weight:	1,400 lbs		lbs
Lot Use:	1		1= Heavy; 2=Med; 3=

TRIBUTARY AREAS

Tributary area: sq ft

Runoff Curve Number: ← See RCN table for typical values

Roof Trib. area: sq ft

38.9 lbs P per y
at downstream lot

Enter Existing Buffer Data:

Length: ft

Width: ft

Buffer area:

Slope: %

c value For c values see table below

P Output:

lb

Field Name	Soil Series & Symbol (critical)	Slope	Tillage	Rot Avg PI	PI	2014	2015	2016	2017	Field Acreage	PI Diff 2014+2015-2016+2017	PI Diff x Acreage
09	HORTONVILLE HnB	4	SFC-Fcult-None-None	2	Total Particulate Soluble	1.9 1.0 0.9	3.1 2.3 0.8	2.8 1.8 1.0	1.5 0.7 0.8	41.8	0.7	29.26
10	HORTONVILLE HnB	4	SFC-Fcult-CP-None	6	Total Particulate Soluble	5.9 1.5 4.5	10.4 3.9 6.5	5.3 4.2 1.1	1.9 1.1 0.8	42.4	9.1	385.84
11	HORTONVILLE HnB	4	Fcult-SCD-FCND-FCND	5	Total Particulate Soluble	4.7 3.3 1.4	5.3 3.6 1.7	5.6 4.3 1.4	5.8 4.5 1.3	30.3	-1.4	-42.42
12	HORTONVILLE HnB	4	None-None-None-NT/CP	3	Total Particulate Soluble	2.8 1.6 1.1	1.7 0.7 1.0	2.1 0.7 1.4	3.4 2.3 1.2	28.0	-1	-28
27	HORTONVILLE HnB	4	FCND-FCND-FCD-Fcult	2	Total Particulate Soluble	3.2 2.6 0.6	1.4 1.1 0.3	2.0 1.6 0.4	2.2 1.6 0.6	44.5	0.4	17.8
32	HORTONVILLE HnB	4	SCND-SCND-FCD-SCND	4	Total Particulate Soluble	3.6 3.2 0.4	4.4 3.5 0.9	5.0 4.6 0.4	3.8 3.1 0.7	29.4	-0.8	-23.52

! Pound of P that stayed on the field!

↓ sum
Total P loss reduction = 85.94lb

Waupaca County
Land & Water Conservation Department

811 Harding Street
Waupaca WI 54981
Fax: 715/258-6239

Phone: 715/258-6245



Brian Haase
County Conservationist
Sherry Weise
Program Assistant
Corey Schuelke
Engineering Technician
Greg Peterson
Engineering Technician
Dan McFarlane
Engineering Technician/GIS
Stefan Stults
Nutrient Mngmt. Specialist

September 1st, 2017

Fietzer Farms, Inc.
E8276 Cty Hwy N
Manawa, WI 54949

Craig & Kyle,

Waupaca County is required to inform you in writing, as part of the 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. 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 DNR, DATCP or County 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