Wisconsin Department of Natural Resources Bureau of Watershed Management (WT/3) 101 S. Webster Street PO Box 7921 Madison, WI 53707-7921 dnr.wi.gov

Final Report

Agricultural Targeted Runoff Management & Notice of Discharge Grant Programs

Form 3400-189A (R 05/19)

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								1				
Select Grant Type Small Scale Tota	l Maxi	mum Da	ily L	oad ((TMDL)							
Grant Information		THE PARTY		PASS		1,000	1 mm			VALUE OF THE PARTY		MARK TO
Grantee - Governmental-Unit-Name—				-	Grant Number	- Company						the state of the state of the
Outagamie County					TRC45000AY1	6						
Project Name					Seyfor Comments							
Singler Beef Farm	200-700											
Project Contact Name		Phone				1	ail Addre		41			
Quint Krueger		1	(9	20) 8	832-6074	quin	t.krueg	er(a	outag)	amie.c	org	
Site 1 - Location & Watershed Infor	mation				Additional sites may b					cking or		
Name of Cost-Share Recipient					Animal Units			atitu				ngitude
Edwin and Tamala Singler					500 44.4758 -88.59					3.5935		
County					12-Digit Watershe			,	X7 1C1	· ·		
	utagamie 040302020904				Outagamie State		and the latest and th			Civer		
Nearest Receiving Waterbody					Primary Waterboo Wolf River	ay add	ressea i	ру р	oject			
Unnamed Tributary to Wolf River Site 1 - BMP & Load Reduction Info	rmatio	2			Additional BMPs f	for this	cita may	he a	dded h	, clicking	a on t	he (+) butlon
Site 1 - Bimir & Load Netidetion into	illiatio	Total and	Lini	4 06	Performance		Loa		ductio		g	Total
Best Management Practice Installed		Quantity	Uni Mea	sure	Standard/Prohibition Addressed	Phosp lbs	ohorus s/yr	Nitro	ogen s/yr	Sedim Tons		Installation Cost
Roofs		2	N	0,	Code(s) 13	47	7.3					\$400,000.00
Nutrient Management		295	acı	res	Code(s)			270.74				
Manure Storage Systems	10.14	2	N	о.	Code(s) 4	47	47.3				\$146,000.00	
Model(s)/Methods Used to Calculate	Load F	Reduction	n (che	eck a	ll that apply)							
☐ STEPL ☐ SNAP+ ☒ BARN	Υ	RUSLE 2] Oth	ner (specify)							•
Site 1 - Compliance Requirements	TO BE			-					10 g N	AT THE		STATE OF THE PARTY.
Performance Standard or Prohibition	n Addr	essed			NR 151 or 243 Wis . Code Notice Type		ice Lett		Compl Achie	liance ved?	Co	ompliance er attached?
Manure storage facilities-new/signi	ficant	alteration	ıs.	NR 1	51		No		Y	es		Yes
Nutrient management.				NR 1	51	_	N/A	7	Ye	es		Yes
Prohibit runoff from feedlot or stored manure	into the	state's wat		NR 1			No Yes		-		Yes	
Check all of the true statements below									19.17	1 1111	-	7/15
1. A copy the compliance letter		1 has bee	n nla	cod ir	county files							
			ii pia	ceu ii	r county mes.							
2. The attached compliance letter						. ! ! 4						
a. has been provided by										6		and the first of
b. identifies each of the process to be identified by the proc						on cro	pland a	na II	/estoci	k faciliti	es bi	ought into
c. identifies the name an						been a	chievec	d: an	d			
d. states that the landow										he proje	ect ir	perpertuity
regardless of future co												
Site 1 - Required attachments					AND THE PERSON		a deliber	h				
Check the box if the required information				ed:								
Photos of pre-and post-impleme		85 8)									eser. Master
Aerial photo map of site with BM	IPs labe	eled			Water qual	ity mo	nitoring	resu	ilts/sun	nmary,	if ap	plicable

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Site 1 - Information Narrative space will expand to fit		
, runante spess superior		
DNR may use this site as a success story to mee	t state and federal reporting needs.	
Additional Project Information and/or Comments		
Narrative space will expand to fit		
•		
Grantee Certification	where sutherize and data the final report form prior to submi	ittal to DNP
A responsible government official (authorized signator	y) must authorize and date the final report form prior to submiss complete and the information contained in this final report a	
A responsible government official (authorized signator	y) must authorize and date the final report form prior to submiss complete and the information contained in this final report a	
A responsible government official (authorized signator) I certify that, to the best of my knowledge, the project is		
A responsible government official (authorized signator) I certify that, to the best of my knowledge, the project is correct and true.	s complete and the information contained in this final report a	nd attachments are
A responsible government official (authorized signatory) I certify that, to the best of my knowledge, the project is correct and true. Name of Authorized Government Official Greg Baneck	s complete and the information contained in this final report a Title of Authorized Government Official	nd attachments are
A responsible government official (authorized signator) I certify that, to the best of my knowledge, the project is correct and true. Name of Authorized Government Official Greg Baneck For DNR Use Only	s complete and the information contained in this final report a Title of Authorized Government Official County Conservationist	Date 09/10/2019
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A responsible government official (authorized signatory) I certify that, to the best of my knowledge, the project is correct and true. Name of Authorized Government Official Greg Baneck For DNR Use Only Received complete reports with all attachments Comments about this project: Name of Region Nonpoint Source Coordinator Even Sen	Title of Authorized Government Official County Conservationist Practices implemented were consistent with the grant	Date 09/10/2019 t agreement

QL 9-10-19 Saving 47.3 \$/P Lut #3 Annually NILIGING BARNY W/BUILL Roof DATE: 3/26/2015 OWNER: Ed Singler DESIGNER: QK CHK BY: __ DATE: 1 Madison Input Output 2 Appleton Closest City of similar climate: 3 Wausau 4 Eau Claire Paved lot area: 9,800 sq ft Earth lot area: sq ft **Animal Lot size:** 9,800 sq ft Is there a DESIGNED settling basin Yes= 1: No= 2 Animals on lot: 100 number number (Dairy = 1; Beef=2) Type of animal: 2 1,200 lbs Ave. Animal Weight: lbs 1= Heavy; 2= Medium; 3= Light) Lot Use: TRIBUTARY AREAS Tributary area: sq ft sq ft Runoff Curve Number: Roof area: sq ft 26.1 lbs P per year at D.S. Lot edge: Your choice based on impacted Maximum permissible P Output 5 lbs that can be released resources- Max is 15 "c" Value Table 0.59 BUFFERS - Size by trial and error **Permanent Meadow** Woods, Heavy Litter 0.59 Length: 294 ft (See Note Below) Woods, Lt Ltr 0.29 1 % First Buffer Slope: Well managed grazing 0.44 "c" : 0.22 Fair managed grazing 0.29 **Good Pasture** 0.22 Length: ft Fair Pasture 0.15 Second Buffer Slope: **Small Grain** 0.29 "c" : 0.29 Legume **Contoured Row Crop** 0.29 P (lbs) after the buffers: 3.5 Ibs P per year Non-contoured row crop 0.05 GOOD - Buffer length, slope, and type is OK; proceed with final area sizing calcs below. **BUFFER SIZING** 14,700 sq ft Min. Acceptable Buffer Area **Chosen Buffer Width** 50 feet Min. Bfr. Len. Based on BARNY 294 feet Min. Bfr. Len. Based on Area 294 feet Chosen Buffer Length 294 feet **Good Design**

Cot * 3 W/BUFFER

BUFFER DESIGN USING BARNY

OWNER: Ed Singler		ı	DESIGNER:	QK		DATE:;	3/26/2015
		Input	Output	1	Madison	DATE.	
		mpat	Output		Appleton		
Closest City of simi	ilar climate:	2			Wausau		
		_			Eau Claire		
Pav	ed lot area:	2,100		sq ft			
Ear	rth lot area:	. 0		sq ft			
Anim	al Lot size:		2,100	sq ft			
Is there a DESIGNED s	ettling basin	1		Yes= 1; No	= 2		
Animals on lot:		number		number			
Type of animal:	2				(Dairy = 1;	Beef=2)
Ave. Animal Weight:	1,200	Ibs		lbs	4 11 0-	Marathana O	L todata
Lot Use:	1				1= Heavy; 2=	: Medium; 3=	= Light)
TRIBUTARY AREAS							
	utary area:		sq ft		sq ft		
Runoff Curv							
	Roof area:	0	sq ft		في راحا كــــ		
			سانا		5.6	bs P per yea	ar .
					a	D.S. Lot ed	ge:
		_					
Maximum permissibl	•	5	lbs		e based on im	pacted	
•	e P Output e released	5	lbs		e based on im s- Max is 15	pacted	
•	•	5	lbs		s- Max is 15		
that can b	e released	5	Ibs		s- Max is 15	" Value Table	
•	e released	5	lbs		s- Max is 15 "c Permaner	" Value Table	0.59
that can b	e released			resources	s- Max is 15 "o Permaner Woods, He	" Value Table It Meadow	0.59 0.59
that can b	al and error Length:	200	lbs ft (See Not	resources	s- Max is 15 "c Permaner Woods, He	" Value Table It Meadow eavy Litter ods, Lt Ltr	0.59 0.59 0.29
that can be buffered by trial	e released	200	ft (See Not	resources	Permaner Woods, He Well manage	" Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing	0.59 0.59
that can be buffered by trial	al and error Length: Slope:	200 1	ft (See Not	resources	Permaner Woods, Ho Well manage	" Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing	0.59 0.59 0.29 0.44
that can be buffered by trial	al and error Length: Slope:	200 1	ft (See Not	resources	Permaner Woods, He Wo Well manage Fair manage	" Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing ed grazing	0.59 0.59 0.29 0.44 0.29
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BUFFERS - Size by tria	al and error Length: Slope: "c": Length:	200 1	ft (See Not %	resources	Permaner Woods, He Wolds Mell manage Fair manage Goo	"Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing ed grazing od Pasture air Pasture	0.59 0.59 0.29 0.44 0.29 0.22 0.15
BUFFERS - Size by tria First Buffer Second Buffer	al and error Length: Slope: "c": Length: Slope: "c":	200 1	ft (See Not %	resources	Permaner Woods, He Wolds Mell manage Fair manage Goo	"Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing ed grazing od Pasture air Pasture mall Grain Legume	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29
BUFFERS - Size by tria	al and error Length: Slope: "c": Length: Slope: "c":	200 1	ft (See Not %	resources	Permaner Woods, Ho Well manage Fair manage Fa	"Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing ed grazing od Pasture air Pasture mall Grain Legume Row Crop	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (lbs) after the	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05	ft (See Not %	resource: e Below)	Permaner Woods, He Wo Well manage Fair manage Good Fair S Contoured	"Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing ed grazing od Pasture hir Pasture mail Grain Legume Row Crop	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (lbs) after the	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05	ft (See Not %	resource: e Below)	Permaner Woods, He Wo Well manage Fair manage Good	"Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing ed grazing od Pasture hir Pasture mail Grain Legume Row Crop	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (lbs) after the	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05	ft (See Not %	e Below)	Permaner Woods, He Wo Well manage Fair manage Good Fa S Contoured Non-contoured	"Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing ed grazing od Pasture mall Grain Legume Row Crop d row crop	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
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BUFFERS - Size by tria First Buffer Second Buffer P (lbs) after the GOOD - Bu	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05 1.7 slope, and t	ft (See Not % ———————————————————————————————————	e Below) er year proceed with	Permaner Woods, He Wo Well manage Fair manage Good Fa S Contoured Non-contoured final area siz	"Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing ed grazing od Pasture mall Grain Legume Row Crop d row crop ting calcs be	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.05
BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the GOOD - Bu	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05 1.7 slope, and t	ft (See Not % ———————————————————————————————————	er year proceed with	Permaner Woods, He Wo Well manage Fair manage Good Fair S Contoured Non-contoured n final area size Min. Acceptal	"Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing ed grazing od Pasture hir Pasture mail Grain Legume Row Crop d row crop cing calcs be ole Buffer Arc	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.05
BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the GOOD - Bu BUFFER SIZING Chosen Buffer	Length: Slope: "c": Length: Slope: "c": buffers: ffer length,	200 1 0.05 1.7 slope, and t	ft (See Not % ———————————————————————————————————	resources e Below) er year proceed with sq ft feet feet	Permaner Woods, He Wo Well manage Fair manage Good Fa S Contoured Non-contoured final area siz Min. Acceptal Min. Bfr. Len. Min. Bfr. Len.	"Value Table It Meadow eavy Litter ods, Lt Ltr ed grazing ed grazing od Pasture hir Pasture mail Grain Legume Row Crop d row crop cing calcs be ole Buffer Arc	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.05
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OWNER: Ed Singler		. [ESIGNER:			DATE:	3/26/2015
		lana d	CHK BY:		Madison	DATE: _	
		Input	Output		Madison		
Classet City of sive	ilas alimantas	2			Appleton		
Closest City of sim	liar climate:	2			Wausau		
Dev	and lot one or	E 065			Eau Claire		
	ed lot area:			sq ft			
	rth lot area:	0		sq ft			
	nal Lot size:	4	5,865	the second	- 0		
Is there a DESIGNED	settling basin			Yes= 1; No) - 2		
Animals on lot:	125	number		number			
		number		number	/ Daint = 1	1. Poof-2	
Type of animal:		lha		lbs	(Dairy = '	1; Beef=2	.)
Ave. Animal Weight: Lot Use:		IDS		IDS	1- Home: 9) = Madium: 2	- Light\
Lot Use:	1				r= neavy; 2	2= Medium; 3	= Light)
TRIBUTARY AREAS							
	outary area:		sq ft		sq ft		
	ve Number:		54 II		sq it		
Runon Cur	ve Mulliber.						
	Roof area:	0	sq ft				
	Roof area.	U	sq it		45.0	Ibe D next/o	
						Ibs P per ye	
						at D.S. Lot e	uge.
Maximum nermissih	le P Output	5	lhe	Your choic	e hased on i	mnacted	
Maximum permissib		5	lbs		e based on it	•	
	le P Output be released	5	Ibs		e based on it s- Max is 15	•	
		5	lbs		s- Max is 15		e
that can	be released	5	lbs		s- Max is 15	"c" Value Tabl	
	be released	5	Ibs		s- Max is 15	"c" Value Table	0.59
that can	be released			resource	Permane Woods,	"c" Value Table ent Meadow Heavy Litter	0.59 0.59
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that can	al and error Length:	225 1		resource	Permand Woods, Well mana	"c" Value Table ent Meadow Heavy Litter Joods, Lt Ltr ged grazing	0.59 0.59 0.29 0.44
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BUFFERS - Size by tri First Buffer Second Buffer P (Ibs) after the GOOD - Bu	al and error Length: Slope: "c": Length: Slope: "c":	225 1 0.05 4.4 slope, and	ft (See No % ——————————————————————————————————	resource te Below) er year proceed will sq ft feet	Permana Woods, Well mana Fair mana Gri Contoure Non-contour th final area s Min. Accept	"c" Value Table ent Meadow Heavy Litter Joods, Lt Ltr ged grazing ged grazing ood Pasture Fair Pasture Small Grain Legume d Row Crop red row crop sizing calcs be rable Buffer A	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.05 elow.
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Before

OWNER: Ed Singler DESIGNER: QK DATE: 3/26/2015 DATE: CHK BY: Input Output 1 Madison 2 Appleton Closest City of similar climate: 3 Wausau 4 Eau Claire Paved lot area: 9.800 sq ft Earth lot area: sq ft Animal Lot size: 9.800 sa ft Is there a DESIGNED settling basin Yes= 1; No= 2 Animals on lot: 100 number number Type of animal: 2 (Dairy = 1; Beef=2) Ave. Animal Weight: 1,200 lbs lbs Lot Use: 1 1= Heavy; 2= Medium; 3= Light) TRIBUTARY AREAS Tributary area: sq ft sq ft Runoff Curve Number: Roof area: sq ft 52.2 lbs P per year at D.S. Lot edge: Maximum permissible P Output Your choice based on impacted that can be released resources- Max is 15 "c" Value Table **Permanent Meadow** 0.59 BUFFERS - Size by trial and error 0.59 Woods, Heavy Litter 0.29 Length: 200 ft (See Note Below) Woods, Lt Ltr First Buffer Slope: 1 % Well managed grazing 0.44 "C" : 0.05 0.29 Fair managed grazing **Good Pasture** 0.22 Length: ft Fair Pasture 0.15 Second Buffer Slope: **Small Grain** 0.29 "c" : Legume 0.29 **Contoured Row Crop** 0.29 P (lbs) after the buffers: 16.0 Ibs P per year Non-contoured row crop 0.05 NO GOOD - Too much P released **BUFFER SIZING** 14,700 sq ft Min. Acceptable Buffer Area Chosen Buffer Width 0 feet Min. Bfr. Len. Based on BARNY 200 feet #DIV/0! feet Min. Bfr. Len. Based on Area 0 feet Chosen Buffer Length No Good-Less than BARNY length

OWNER: <u>Ed Singler</u>			DESIGNER:			DATE:	3/26/2015
		Innut	CHK BY:		Madison	DATE:	
		Input	Output		Madison		
Closest City of sim	ilar climate	2			Appleton Wausau		
Olosest Oity of Silli	iiai Ciimale,				Eau Claire		
Pav	ed lot area:	2,100		sq ft	Eau Claire		
	rth lot area:	6,400		sq ft			
	al Lot size:	0,400	8,500				
Is there a DESIGNED s		2		Yes= 1; No	= 2		
10 111010 11 2201011220 1	Journal Duck			100-1,140	,2		
Animals on lot:	75	number		number			
Type of animal:	2				(Dairy = 1	l; Beef=	2)
Ave. Animal Weight:	1,200	lbs		lbs	(====	.,	-,
Lot Use:	1				1= Heavy; 2	= Medium:	3= Light)
TRIBUTARY AREAS							
	utary area:		sq ft		sq ft		
Runoff Curv	e Number:						
	Roof area:	1,300	sq ft				
						lbs P per y	
						at D.S. Lot e	edge:
Maximum parminaihl	o D Outmet	-	lb-e	Vaus abaia	- h		
Maximum permissibl	•	5	lbs		e based on ir	•	
	e P Output e released	5	lbs		e based on ir s- Max is 15	•	
	•	5	lbs		s- Max is 15		lo.
that can b	e released	5	lbs		s- Max is 15	'c" Value Tab	
	e released	5	lbs		s- Max is 15 Permane	'c" Value Tab	0.59
that can b	e released			resources	Permane Woods, I	c" Value Tab ent Meadow Heavy Litter	0.59 0.59
that can b	al and error	200	ft (See Not	resources	Permane Woods, H	'c" Value Tab ent Meadow Heavy Litter loods, Lt Ltr	0.59 0.59 0.29
that can b	al and error Length: Slope:	200 1		resources	Permane Woods, H Well manag	c" Value Tabent Meadow Heavy Litter Goods, Lt Ltr ged grazing	0.59 0.59 0.29 0.44
that can b	al and error	200	ft (See Not	resources	Permane Woods, I Well manag	c" Value Tabent Meadow Heavy Litter Toods, Lt Ltr ged grazing ged grazing	0.59 0.59 0.29 0.44 0.29
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that can be BUFFERS - Size by trial First Buffer Second Buffer	Length: Slope: "c": Length: Slope: "c":	200 1 0.05	ft (See Not % —→ ft	resources e Below)	Permane Woods, H Well manag Fair manag Go F	c" Value Tabent Meadow Heavy Litter Hoods, Lt Ltr ged grazing ged grazing Hood Pasture Fair Pasture Small Grain Legume I Row Crop	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29
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that can be BUFFERS - Size by trial First Buffer Second Buffer	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05	ft (See Not % —→ ft	resources e Below)	Permane Woods, H Well manag Fair manag Go F	c" Value Tabent Meadow Heavy Litter Hoods, Lt Ltr ged grazing ged grazing Hood Pasture Fair Pasture Small Grain Legume I Row Crop	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the NO GOOD	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05	ft (See Not % ———————————————————————————————————	e Below)	Permane Woods, I Well manag Fair manag Go Contoured	c" Value Tabent Meadow Heavy Litter Joods, Lt Ltr ged grazing ged grazing god Pasture Fair Pasture Small Grain Legume d Row Crop	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
that can be BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the NO GOOD	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05 11.3 P released	ft (See Not % —) ft Ibs P pe	e Below)	Permane Woods, H Well manag Fair manag Go F	c" Value Tabent Meadow Heavy Litter Joods, Lt Ltr ged grazing ged grazing god Pasture Fair Pasture Small Grain Legume d Row Crop	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the NO GOOD	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05 11.3 P released	ft (See Not % ———————————————————————————————————	e Below)	Permane Woods, I Well manag Fair manag Go Contoured	c" Value Tabent Meadow Heavy Litter Joods, Lt Ltr ged grazing ged grazing god Pasture Fair Pasture Small Grain Legume d Row Crop	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
that can be BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the NO GOOD	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05 11.3 P released	ft (See Not % ———————————————————————————————————	er year	Permane Woods, I Well manag Fair manag Go Contoured	c" Value Tabent Meadow Heavy Litter Joods, Lt Ltr ged grazing ged grazing god Pasture Fair Pasture Small Grain Legume d Row Crop ad row crop	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
that can be BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the NO GOOD	Length: Slope: "c": Length: Slope: "c": buffers:	200 1 0.05 11.3 P released	ft (See Not % ———————————————————————————————————	er year sq ft	Permane Woods, I Well manag Fair manag Go Contoured Non-contoured	c" Value Tabent Meadow Heavy Litter Gods, Lt Ltraged grazing God Pasture Fair Pasture Small Grain Legume d Row Croped row croped hable Buffer And Based on	0.59 0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.05
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DATE: 3/26/2015

BUFFER DESIGN USING BARNY

OWNER: Ed Singler DESIGNER: QK

			CHK BY:	DATE:	
		Input	Output	1 Madison	
				2 Appleton	
Closest City of sim	<mark>ilar climate:</mark>	2		3 Wausau	
				4 Eau Claire	
Pav	ed lot area:	5,865	sq ft		
Ea	rth lot area:	0	sq ft		
Anim	nał Lot size:		5,865 sq ft		
is there a DESIGNED	settling basin	2	Yes= 1;	No= 2	
Animals on lot:	125	number	number		
Type of animal:	2			(Dairy = 1; Beef=2)	
Ave. Animal Weight:	1,200	lbs	lbs .		
Lot Use:	1			1= Heavy; 2= Medium; 3= Ligh	nt)
TRIBUTARY AREAS					
Trib	utary area:		sq ft	sq ft	
Runoff Cun					
	Roof area:	4,730	sa ft		
				70.6 lbs P per year	8
				at D.S. Lot edge:	
Maximum permissib	le P Output	5	lbs Your cho	pice based on impacted	
Maximum permissib	le P Output be released	5		pice based on impacted ces- Max is 15	
		5		•	
		5		•	
that can t	oe released	5		ces- Max is 15 "c" Value Table	0.59
	oe released	5		"c" Value Table Permanent Meadow	0.59 0.59
that can t	pe released		resour	"c" Value Table Permanent Meadow Woods, Heavy Litter	0.59
that can t	al and error Length:	225		"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr	0.59 0.29
that can to the BUFFERS - Size by tria	pe released	225 1	resour ft (See Note Below)	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing	0.59 0.29 0.44
that can to the BUFFERS - Size by tria	al and error Length: Slope:	225	resour ft (See Note Below)	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing	0.59 0.29 0.44 0.29
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BUFFERS - Size by tria First Buffer Second Buffer	al and error Length: Slope: "c": Length: Slope: "c":	225 1 0.05	ft (See Note Below) ft	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing Good Pasture Fair Pasture Small Grain Legume Contoured Row Crop	0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the	Length: Slope: "c": Length: Slope: "c":	225 1 0.05	ft (See Note Below) %	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing Good Pasture Fair Pasture Small Grain Legume Contoured Row Crop	0.59 0.29 0.44 0.29 0.22 0.15 0.29
BUFFERS - Size by tria First Buffer Second Buffer	Length: Slope: "c": Length: Slope: "c":	225 1 0.05	ft (See Note Below) ft	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing Good Pasture Fair Pasture Small Grain Legume Contoured Row Crop	0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the	Length: Slope: "c": Length: Slope: "c":	225 1 0.05	ft (See Note Below) ft	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing Good Pasture Fair Pasture Small Grain Legume Contoured Row Crop	0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (lbs) after the	Length: Slope: "c": Length: Slope: "c":	225 1 0.05	ft (See Note Below) ft	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing Good Pasture Fair Pasture Small Grain Legume Contoured Row Crop	0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the NO GOOD BUFFER SIZING	Length: Slope: "c": Length: Slope: "c": Length: Slope: "c":	225 1 0.05 19.8 P released	ft (See Note Below) ft Ibs P per year 8,798 sq ft	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing Good Pasture Fair Pasture Small Grain Legume Contoured Row Crop Non-contoured row crop	0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (lbs) after the	Length: Slope: "c": Length: Slope: "c": Length: Slope: "c":	225 1 0.05 19.8 P released	ft (See Note Below) ft Ibs P per year 8,798 sq ft feet	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing Good Pasture Fair Pasture Small Grain Legume Contoured Row Crop Non-contoured row crop	0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the NO GOOD BUFFER SIZING	Length: Slope: "c": Length: Slope: "c": Length: Slope: "c":	225 1 0.05 19.8 P released	ft (See Note Below) ft Ibs P per year 8,798 sq ft feet 225 feet	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing Good Pasture Fair Pasture Small Grain Legume Contoured Row Crop Non-contoured row crop Min. Acceptable Buffer Area Min. Bfr. Len. Based on BARN	0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the NO GOOD BUFFER SIZING Chosen Buff	Length: Slope: "c": Length: Slope: "c": buffers: - Too much	225 1 0.05 19.8 P released	ft (See Note Below) ft ft Ibs P per year 8,798 sq ft feet 225 feet #DIV/0! feet	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing Good Pasture Fair Pasture Small Grain Legume Contoured Row Crop Non-contoured row crop Min. Acceptable Buffer Area Min. Bfr. Len. Based on BARN Min. Bfr. Len. Based on Area	0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29
BUFFERS - Size by tria First Buffer Second Buffer P (Ibs) after the NO GOOD BUFFER SIZING	Length: Slope: "c": Length: Slope: "c": buffers: - Too much	225 1 0.05 19.8 P released	ft (See Note Below) ft ft Ibs P per year 8,798 sq ft feet 225 feet #DIV/0! feet	"c" Value Table Permanent Meadow Woods, Heavy Litter Woods, Lt Ltr Well managed grazing Fair managed grazing Good Pasture Fair Pasture Small Grain Legume Contoured Row Crop Non-contoured row crop Min. Acceptable Buffer Area Min. Bfr. Len. Based on BARN	0.59 0.29 0.44 0.29 0.22 0.15 0.29 0.29 0.29



Land Conservation 3365 W. Brewster St | Appleton, WI 54914 (920) 832-5073 (920) 832-4783 www.outagamie.org

September 10, 2019

SINGLER, EDWIN D & SINGLER, TAMALA N5371 STATE RD 76 SHIOCTON, WI 54170

Dear Property Owner,

The purpose of this letter is to acknowledge that you have implemented the necessary corrective actions to comply with State NR 151 Rules and Regulations for your property described as

SW SW LESS CSM 2808 & LESS HY SEC8 T23N R16E 39.32AC M/L 8086M25

Outagamie County Parcel ID: 020015901

The department has determined the installed practice at your operation to be adequate to meet Agricultural Performance Standards and Prohibitions on the area described below.

As a result of installing the best management practices necessary

(R16 Manure Storage System, R25 Roofs, R18 Nutrient Management)

to comply with the aforementioned Notice, the department has determined that you are now in compliance with the following:

NR 151.05(2) Manure storage facilities – new/significant alterations

NR 151.08(4) Prohibit runoff from feedlot or stored manure into states' waters

NR 151.07 Nutrient Management

In accordance with Outagamie County Chapter 4, Agricultural Performance Standards and Animal Waste Storage Ordinance as well as Chapter NR 151, Wisconsin Administrative Code, any practice or facility that is in compliance with a Performance Standard or Prohibition on or after the effective date of the standard or prohibition, must remain in compliance regardless of

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

Scott Walker, Governor Daniel L. Meyer, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay - 711



December 14, 2018

► GRANT TIME PERIOD EXTENSION

Targeted Runoff Rural Construction
Grant# TRC45000AY16; Amendment #2
Grant Amount: \$133,500.00

Greg J. Baneck, County Conservationist Outagamie County 3365 West Brewster Street Appleton, WI 54914-1602

Dear Mr. Baneck:

End date for the following project has been extended per your request:

Singler Beef Farm

This letter approves your request for a variance to s. NR 153.21(2), Wis. Adm. Code, specifically for the grant referenced above, to extend the grant period to December 31, 2019. We are approving this variance due to your demonstration of good cause, per s. NR 153.31, Wis. Adm. Code, and to achieve the water quality objectives of the project.

Please consider this letter as your amendment for the time extension and attach it to your copy of the original grant agreement. Please remember that all costs must be incurred before December 31, 2019, in order to be eligible for reimbursement.

If you have questions or concerns regarding this time extension, please contact the Nonpoint Source Program Grant Manager, Jessica Wagner, by phone at (608) 267-9385 or by email at Jessica Wagner@wisconsin.gov or your Regional Nonpoint Source Coordinator, Eric Evensen, by phone at (920) 303-5447 or by email at Eric.Evensen@Wisconsin.gov.

Sincerely,

Mary Rose Teves, Director

Bureau of Community Financial Assistance

gracellus

C (e-copy): Eric Evensen, Regional Nonpoint Source Coordinator, DNR Northeast Region Jessica Wagner, Nonpoint Source Program Grant Manager, CF/2



April 9th, 2015

Attn: Greg Baneck Outagamie County LCD 3365 W. Brewster St. Appleton, WI 54913

Subject: Targeted Runoff Management Grant Application

Dear Mr. Baneck,

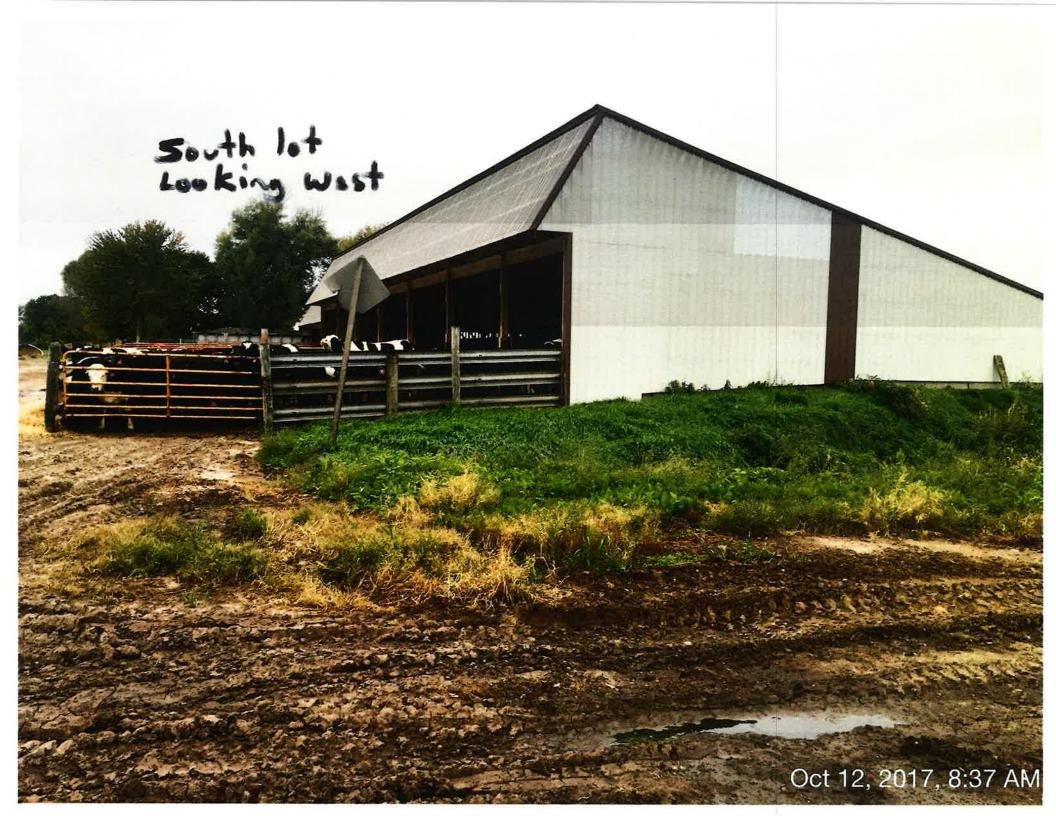
I am writing you to express my interest in seeking funding through the DNR's Targeted Runoff Management Grant Program. Runoff from our animal lots has been a long standing concern for our farm which we would like to address. Additionally, our current daily haul system makes following a nutrient management plan difficult at best. Storage is required to avoid having to spread during periods of frozen and snow covered ground. Our proximity to the Wolf River makes the likelihood of polluted runoff during spring thaw and extreme storm events high.

If there's anything that I can do to further assist with the submission of the application for the TRM program, please contact me.

Sincerely,

Ed Singler







Nov 14, 2018 at 10:44 AM



