SOIL EVALUATION REPORT Wisconsin Department of Safety and Professional Services Page 1 of 4 **Division of Industry Services** in accordance with SPS 385, Wis.Adm.Code Attach complete site plan on paper not less than 81/2 x 11" in size. Plan must DANE County include, but not limited to: vertical and horizontal reference point (BM), direction and % slope, scale or dimensions, north arrow, location & distance to nearest road. 012/0911-181-9115-0 Parcel I.D. Please print all information Reviewed by Date Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)). Property Owner **Property Location** CASTLETON MEADOW LLC SW 1/4, NE 1/4, S 18 , T 9 N, R 11 Ε Property Owner's Mailing Address Lot # Subd.Name or CSM# 15669 City State Zip Code Phone Number X City Town Nearest Road SUN PRAIRIE, WI 53590 **BRISTOL** CASTLETON CROSSING New Construction Residential/No.bedrooms Code derived design flow rate: 600 GPD Replacement Public or commercial- Describe: LOESS, GLACIAL TILL Parent Material: Flood Plain elevation if applicable ft. General comments MOUND WITH MIN. 18" SAND and recommendations: 0.6 GPD/SQ.FT. LOADING RATE SYSTEM ELEV: SEE PLOT PLAN Boring Boring 1 # XPit 949.95' Ground surface elev. N/A Depth to limiting factor Soil Application Rate Dominant Color Horizon Depth Redox Description GPD/ft<sup>2</sup> Texture Structure Consistence Roots Boundary inches Munsell Qu. Sz. Cont. Color Gr.Sz.Sh. (Moist) \*Eff#1 \*Eff#2 0-11 Ap 10YR3/2 sil 2fsbk 2f 0.8 fr as 0.6 11-23 10YR4/4 Bt cl 2fsbk fi 1f 0.6 CS 0.4 BC 23-36 10YR4/6 scl 1fsbk fr 1f CS 0.2 0.3 C 36-85 10YR5/6 sl 1fsbk vfr 0.4 0.7

Boring	Boring									
2 #	<b>⊠</b> Pit	Ground surface	elev. 950.52'		Depth to I	imiting factor	18"		Soil Applic	cation Rate
Horizon	Depth	Dominant Color	Redox Description	Texture	Structure	Consistence	Roots	Boundary	GPD	/ft²
1	inches	Munsell	Qu. Sz. Cont. Color		Gr.Sz.Sh.	(Moist)			*Eff#1	*Eff#2
Ар	0-12	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Е	12-18	10YR5/3		sil	2fsbk	fr	1f	CS	0.6	0.8
Bt1	18-32	10YR5/3	c3d7.5YR5/8	sicl	2fsbk	fi	1f	cs	0.4	0.6
Bt2	32-60	10YR5/3	m3d7.5YR5/8	sicl	1fsbk	fi			0.2	0.3
		, · · · · ·								
		L						*	-	

\*Effluent #1 =  $BOD_5 > 30 \le 220 \text{ mg/L}$  and  $TSS > 30 \le 150 \text{ mg/L}$ 

\*Effluent #2 = BOD<sub>5</sub>  $\leq$  30 mg/L and TSS  $\leq$  30 mg/L

JEFFREY L. HAMMES CST Name Address

6219 COUNTRYSIDE LN. MADISON, WI 53705

Signature:

CST Number 223300 Telephone No.(608)233-9200

Date Evaluation Conducted: 3/31/21

CASTLETON MEADOW LLC

Parcel ID: 012/0911-181-9115-0

Page 2 of 4

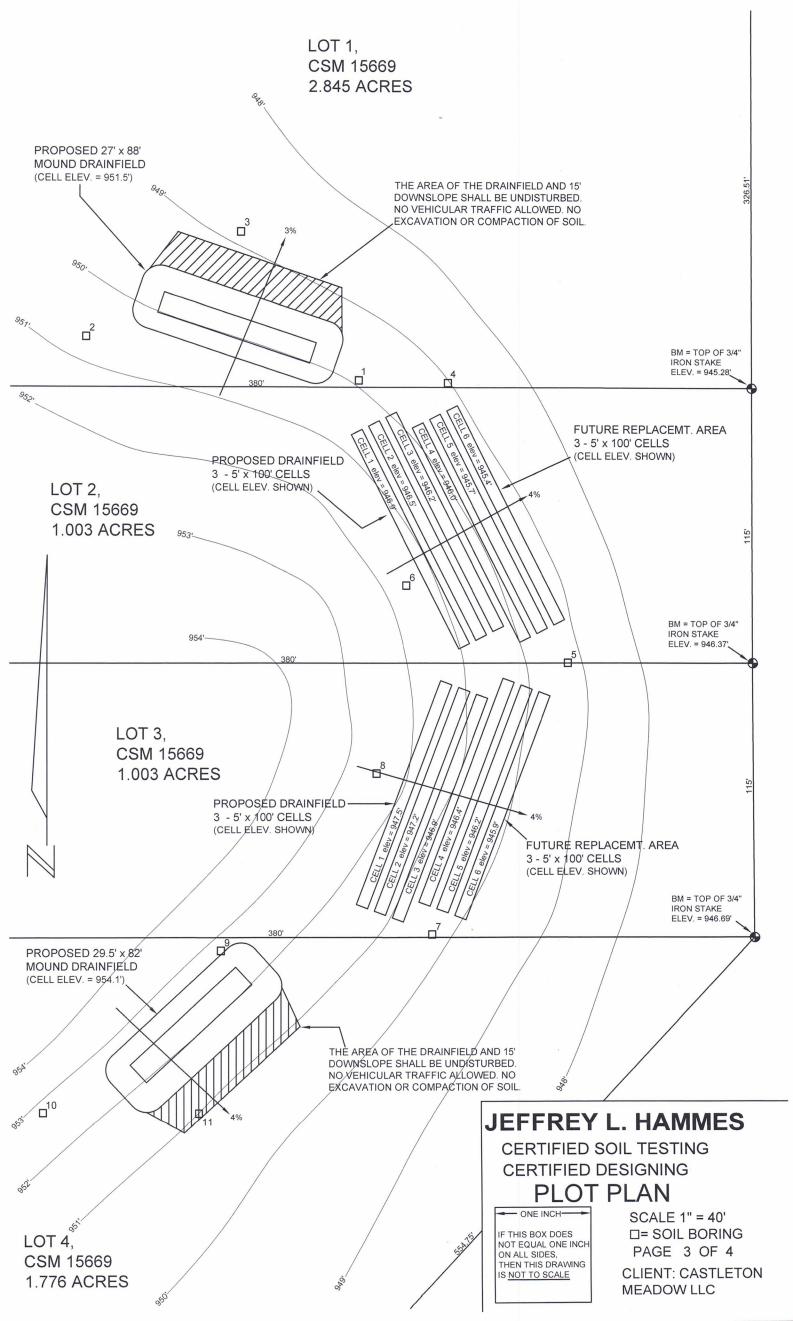
	Boring	Boring									
	3 #	<b>⊠</b> Pit	Ground surface	elev. 948.84'		Depth to I	imiting factor	20"		Soil Appli	cation Rate
Γ	Horizon	Depth	Dominant Color	Redox Description	Texture	Structure	Consistence	Roots	Boundary	GPD	/ft <sup>2</sup>
-		inches	Munsell	Qu. Sz. Cont. Color		Gr.Sz.Sh.	(Moist)	2		*Eff#1	*Eff#2
	Ар	0-14	10YR3/2	oc v	sil	2fsbk	fr	2f	as	0.6	0.8
	Е	14-20	10YR5/3		sil	2fsbk	fr	1f	CS	0.6	0.8
	Bt1	20-30	10YR5/3	c3d7.5YR5/8	sicl	2fsbk	fi	1f	cs	0.4	0.6
	Bt2	30-42	10YR5/3	m3d7.5YR5/8	sicl	1fsbk	fi	×		0.2	0.3
	,									s v	

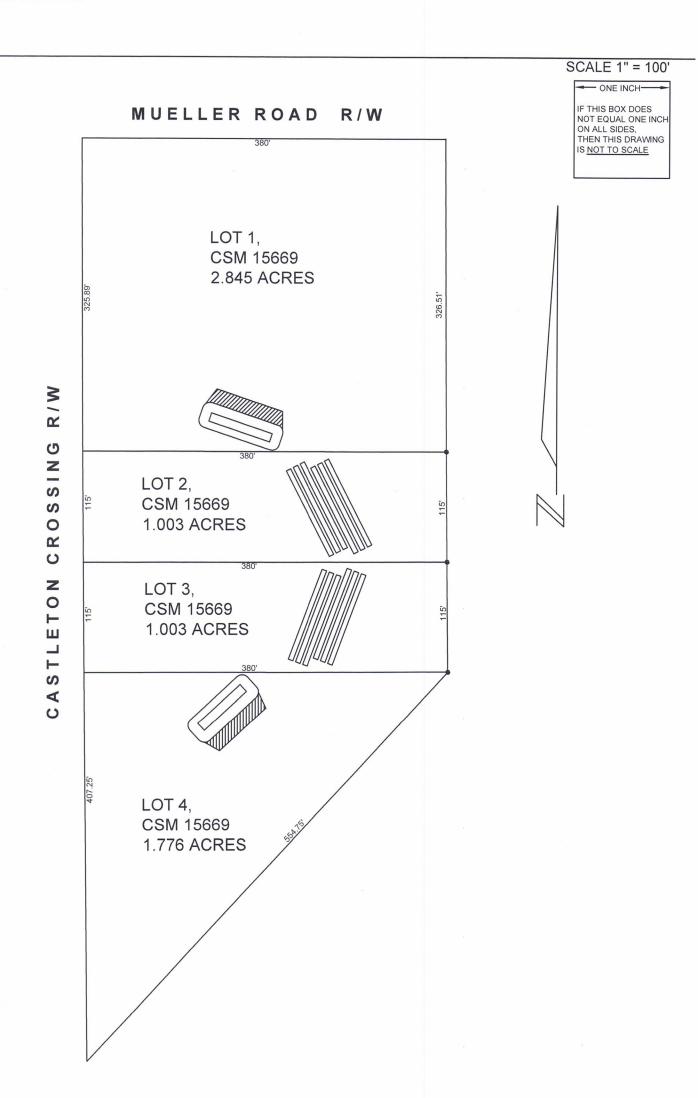
4 #	∐Boring ⊠Pit	Ground surface			Depth to I	imiting factor	N/A			cation Rate
Horizon	Depth	Dominant Color	Redox Description	Texture	Structure	Consistence	Roots	Boundary	GPD	
	inches	Munsell	Qu. Sz. Cont. Color	-	Gr.Sz.Sh.	(Moist)			*Eff#1	*Eff#2
Ар	0-12	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt	12-21	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
ВС	21-30	10YR4/6		scl	1fsbk	fr	1f	CS	0.2	0.3
С	30-85	10YR5/6	, , , , , ,	sl	1fsbk	vfr			0.4	0.7
		,								
			*							

Boring	Boring				V		-	-		
#	<b>⊠</b> Pit	Ground surface	elev.		Depth to I	imiting factor				cation Rate
Horizon	Depth	Dominant Color	Redox Description	Texture	Structure	Consistence	Roots	Boundary	GPE	)/ft²
	inches	Munsell	Qu. Sz. Cont. Color		Gr.Sz.Sh.	(Moist)		1	*Eff#1	*Eff#2
		,								
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		-								
		a s					_ * +			
v. 1				1000			1, 1			
9										

<sup>\*</sup>Effluent #1 = BOD<sub>5</sub> > 30  $\leq$  220 mg/L and TSS > 30  $\leq$  150 mg/L

<sup>\*</sup>Effluent #2 =  $BOD_5 \le 30 \text{ mg/L}$  and  $TSS \le 30 \text{ mg/L}$ 





Wisconsin D	epartment of S	afety and Profession	nal Services SO	IL EVAL	JATION F	REPORT	Г		Page	1 of 4	1	
Division of Ir	ndustry Services	S	in accordance	with SPS 38	35, Wis.Adm.0	Code						
			s than 81/2 x 11" in size. rizontal reference point		ion		County		DAN	IE		
			ow,location &distance to				Parcel I	.D.	012/091	1-181-91	130-0	
	Please p	rint all inform	ation				Review	ed by		Date		-
Person	nal information yo	u provide may be used	for secondary purposes (P	rivacy Law,s.1	5.04(1)(m)).							
Property Ow	ner			Property	Location							_
CASTI	LETON MEA	ADOW LLC		SW	1/4,	NE :	1/4,	S 18	B, T9	N, R	11 E	
Property Ow	ner's Mailing A	ddress		Lot #	2	Subd.Nar	me or CSI 156			* ×		
City	State	Zip Code	Phone Number		City	X  T	own	09	Nearest Roa	d	4.	_
	PRAIRIE, WI		1 1		BRISTO	_	OWII		CASTLET		SING	
X New Co	nstruction	Use: 🛛	Residential/No.bedro	oms	4	Code o	derived de	esign flow ra	te: 60	OO GPD		=
Replace	ment		Public or commercial			•				0,0		
Parent Mate	rial:	LOESS, GLACI				Flood Pla	in elevati	on if applical	ole	ft.		
General com	ments	6.1										
and recomm	endations:											
0.4	GPD/SQ.	FT. LOADING F	RATE	SYSTEM	√ ELEV:	5	SEE PLO	OT PLAN				
					,						-	_
Boring #	Boring		0.40.031									5
	X Pit	Ground surface				limiting fa		N/A			cation Rate	
Horizon	Depth	Dominant Color	Redox Description	Texture	Structure	Consist		Roots	Boundary	GPD		
Ар	inches 0-12	Munsell 10YR3/2	Qu. Sz. Cont. Color	sil	Gr.Sz.Sh.	(Moist		2f	as	*Eff#1	*Eff#2	-
			-	-		-			u s	0.0	0.8	_
Bt	12-21	10YR4/4		cl	2fsbk	f	i	1f	CS	0.4	0.6	
ВС	21-30	10YR4/6		scl	1fsbk	f	r	1f	cs	0.2	0.3	
С	30-85	10YR5/6		sl	1fsbk	V	fr			0.4	0.7	_
×			30									_
			1			+		-				-
1 7 ×					· .							
Boring	Boring		91					211			19	
5 #	⊠Pit	Ground surface	elev. 949.35'		Depth to	limiting fac	ctor	N/A		Soil Applic	ation Rate	-
Horizon	Depth	Dominant Color	Redox Description	Texture	Structure	Consiste	ence	Roots	Boundary	GPD,	/ft²	
	inches	Munsell	Qu. Sz. Cont. Color	ļ.,	Gr.Sz.Sh.	(Moist				*Eff#1	*Eff#2	
Ар	0-10	10YR3/2		sil	2fsbk	fı	r	2f	as	0.6	0.8	7
Bt1	10-26	10YR4/4		cl	2fshk	fi		1f	CS	0.4	0.6	

Horizo	on I	Depth	Dominant Color	Redox Description	Texture	Structure	Consistence	Roots	Boundary	GPD	/f+ <sup>2</sup>
1101120		inches	Munsell	Qu. Sz. Cont. Color	Texture	Gr.Sz.Sh.	(Moist)	Roots	Boulluary	*Eff#1	*Eff#2
Α	р	0-10	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
B	t1	10-26	10YR4/4		cl	2fsbk	fi	1f	CS	0.4	0.6
B	t2	26-38	10YR4/4	f3d7.5YR5/8	cl	1fsbk	fi	1f	CS	0.2	0.3
С		38-96	10YR5/6	1.8	sl w/ pocke	1fsbk s of lfs	vfr			0.4	0.7
							9.				
									a se		A .

\*Effluent #1 = BOD<sub>5</sub> > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L
Name JEFFREY L. HAMMES
ress 6219 COUNTRYSIDE LN.
MADISON, WI 53705

\*Effluent #2 =  $BOD_5 \le 30 \text{ mg/L}$  and  $TSS \le 30 \text{ mg/L}$ 

CST Name Address

Signature:

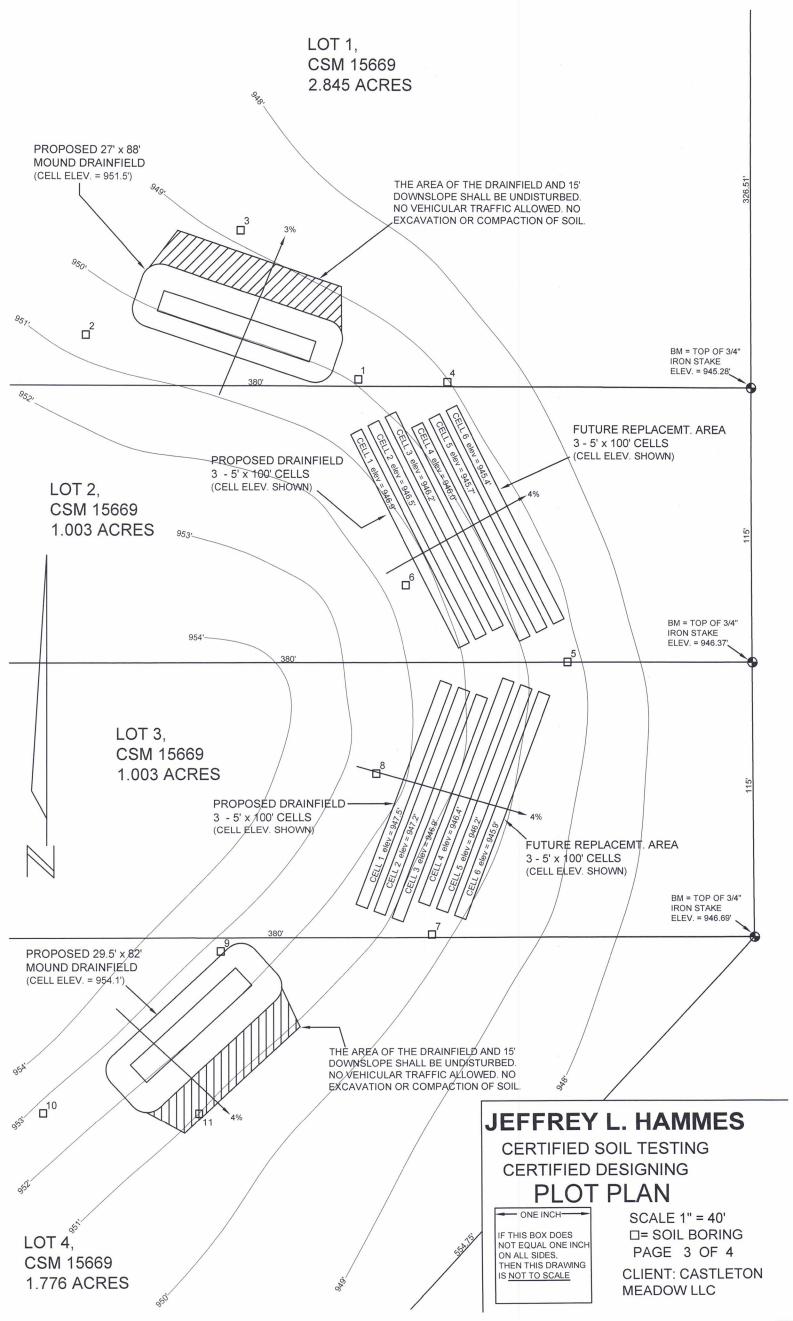
CST Number 223300 Telephone No.(608)233-9200

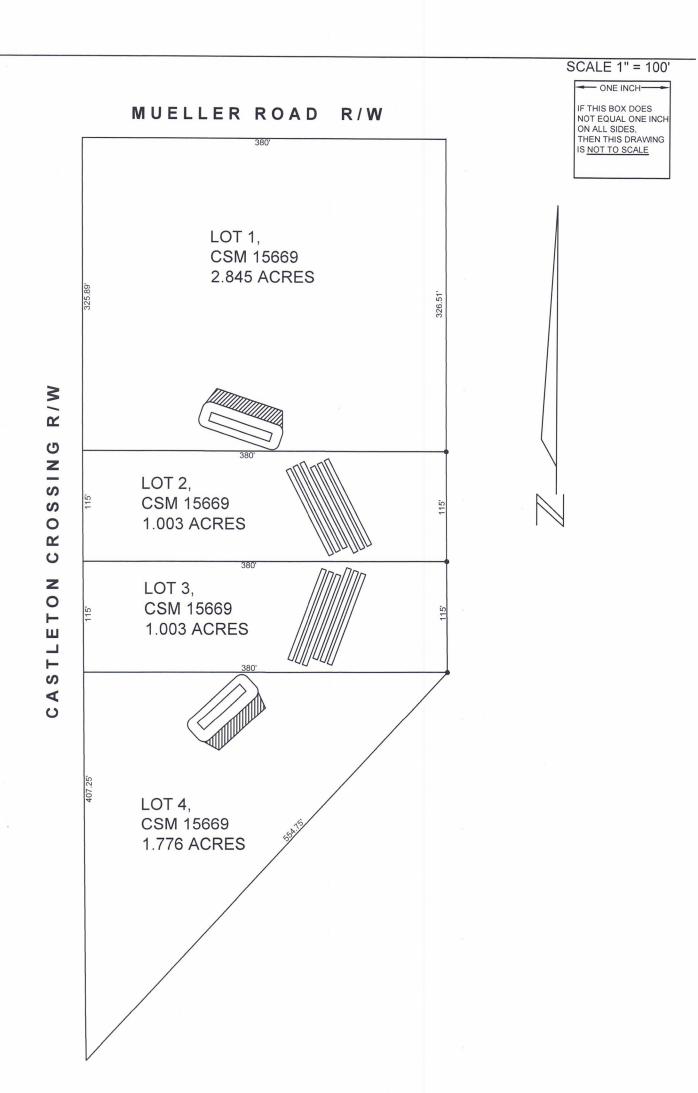
Date Evaluation Conducted: 3/31/21

Boring	Boring									
#	Pit	Ground surface e		Texture		miting factor  Consistence	Roots	I Roundany	Soil Applic	ation Rate
Horizon	Depth inches	Munsell	Redox Description  Qu. Sz. Cont. Color	rexture	Structure Gr.Sz.Sh.	(Moist)	ROOLS	Boundary	*Eff#1	*Eff#2
							(#			
	V							2		
			-			4				
	ç			-						
			*							
			*	78						

<sup>\*</sup>Effluent #1 = BOD<sub>5</sub> > 30  $\leq$  220 mg/L and TSS > 30  $\leq$  150 mg/L

<sup>\*</sup>Effluent #2 =  $BOD_5 \le 30 \text{ mg/L}$  and  $TSS \le 30 \text{ mg/L}$ 





SOIL EVALUATION REPORT Wisconsin Department of Safety and Professional Services Page 1 of 4 Division of Industry Services in accordance with SPS 385, Wis.Adm.Code Attach complete site plan on paper not less than 81/2 x 11" in size. Plan must DANE County · include, but not limited to: vertical and horizontal reference point (BM), direction and % slope, scale or dimensions, north arrow, location & distance to nearest road. 012/0911-181-9145-0 Parcel I.D. Please print all information Reviewed by Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)). Property Owner **Property Location** CASTLETON MEADOW LLC SW 1/4, NE 1/4, S 18, T9 N, R 11 Ε Property Owner's Mailing Address Lot# Subd.Name or CSM# 15669 3 City State Zip Code Phone Number X City Town Nearest Road SUN PRAIRIE, WI 53590 BRISTOL CASTLETON CROSSING New Construction Residential/No.bedrooms Code derived design flow rate: 600 GPD Replacement Public or commercial- Describe: LOESS, GLACIAL TILL Parent Material: Flood Plain elevation if applicable\_ ft. General comments and recommendations: GPD/SQ.FT. LOADING RATE 0.4 SYSTEM ELEV: SEE PLOT PLAN Boring Boring 5 # XPit 949.35' Ground surface elev. Depth to limiting factor N/A Soil Application Rate Dominant Color Horizon Depth GPD/ft<sup>2</sup> Redox Description Structure Consistence Texture Roots Boundary inches Munsell Qu. Sz. Cont. Color Gr.Sz.Sh. \*Eff#1 (Moist) \*Eff#2 Ар 0-10 10YR3/2 sil 2fsbk fr 2f 0.8 as 0.6 10-26 Bt1 10YR4/4 cl 2fsbk fi 1f 0.4 0.6 CS Bt2 26-38 10YR4/4 f3d7.5YR5/8 cl 1fsbk fi 1f 0.2 CS 0.3 C 38-96 10YR5/6 1fsbk sl vfr 0.4 0.7 w/ pockets of Ifs Paring

Borning	Borning									
7 #	<b>⊠</b> Pit	Ground surface	elev. 950.15'		Depth to I	imiting factor	N/A		Soil Applic	cation Rate
Horizon	Depth	Dominant Color	Redox Description	Texture	Structure	Consistence	Roots	Boundary	GPD	/ft <sup>2</sup>
2	inches	Munsell	Qu. Sz. Cont. Color		Gr.Sz.Sh.	(Moist)			*Eff#1	*Eff#2
Ар	0-10	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt1	10-26	10YR4/4	V	cl	2fsbk	fi	1f	cs	0.4	0.6
Bt2	26-39	10YR4/4		cl	1fsbk	fi	1f	cs	0.2	0.3
С	39-81	10YR5/6	,	sl	1fsbk	vfr			0.4	0.7
			<i>y</i> 1							r.
	7					- 7	W 40	2		

\*Effluent #1 = BOD<sub>5</sub> > 30  $\leq$  220 mg/L and TSS > 30  $\leq$  150 mg/L

\*Effluent #2 =  $BOD_5 \le 30 \text{ mg/L}$  and  $TSS \le 30 \text{ mg/L}$ 

CST Name Address JEFFREY L. HAMMES

6219 COUNTRYSIDE LN.

MADISON, WI 53705

Signature:

CST Number 223300 Telephone No.(608)233-9200

Date Evaluation Conducted: 3/31/21

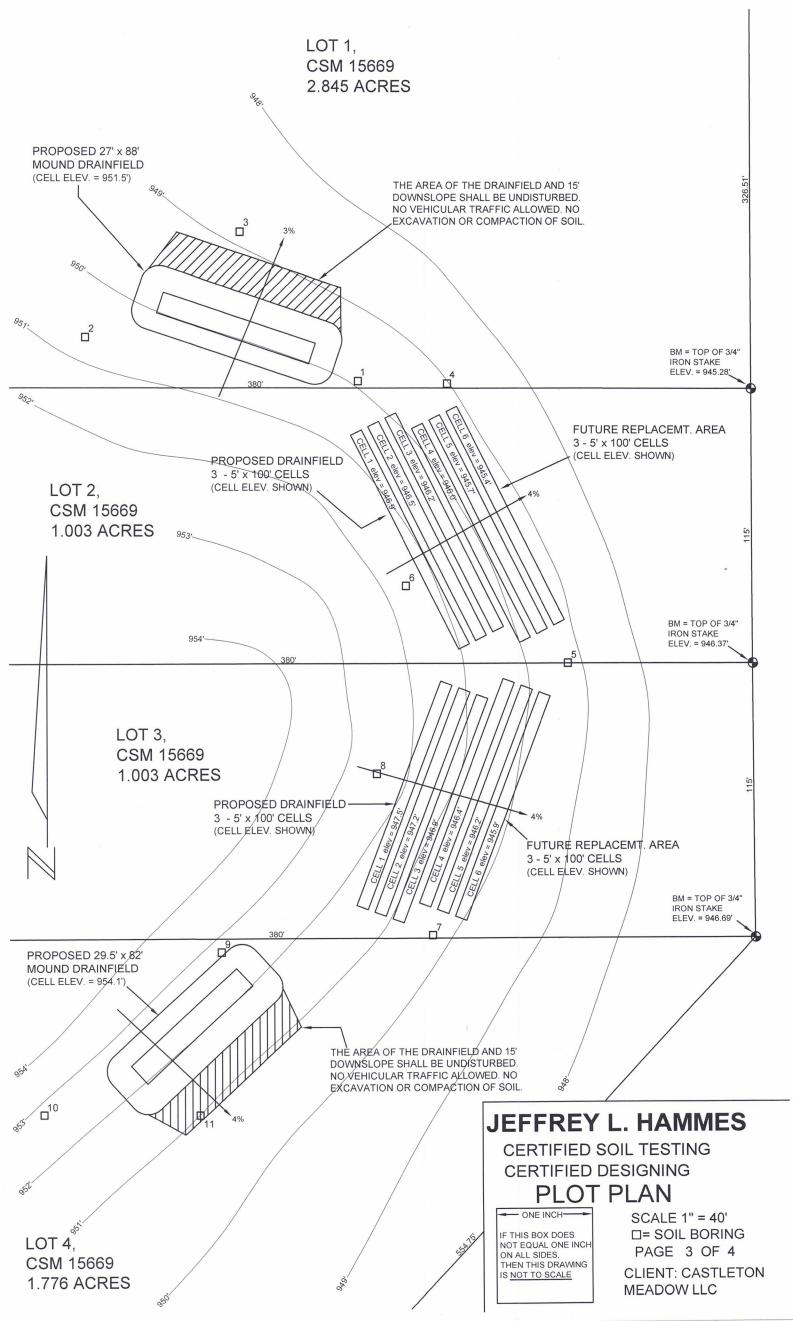
Boring	Boring									
8 #	XPit	Ground surface	elev. 952.64'		Depth to I	imiting factor	N/A		Soil Applic	cation Rate
Horizon	Depth	Dominant Color	Redox Description	Texture	Structure	Consistence	Roots	Boundary	GPD	/ft <sup>2</sup>
	inches	Munsell	Qu. Sz. Cont. Color		Gr.Sz.Sh.	(Moist)			*Eff#1	*Eff#2
Ар	0-12	10YR3/2		sil	2fsbk	fr	2f	as	0.6	0.8
Bt	12-30	10YR4/4		cl	2fsbk	fi	1f	cs	0.4	0.6
ВС	30-34	10YR4/6		scl	1fsbk	fr	1f	cs	0.2	0.3
С	34-90	10YR5/6		sl	1fsbk	vfr			0.4	0.7
Boring	Boring		1	1			1	I		<u> </u>

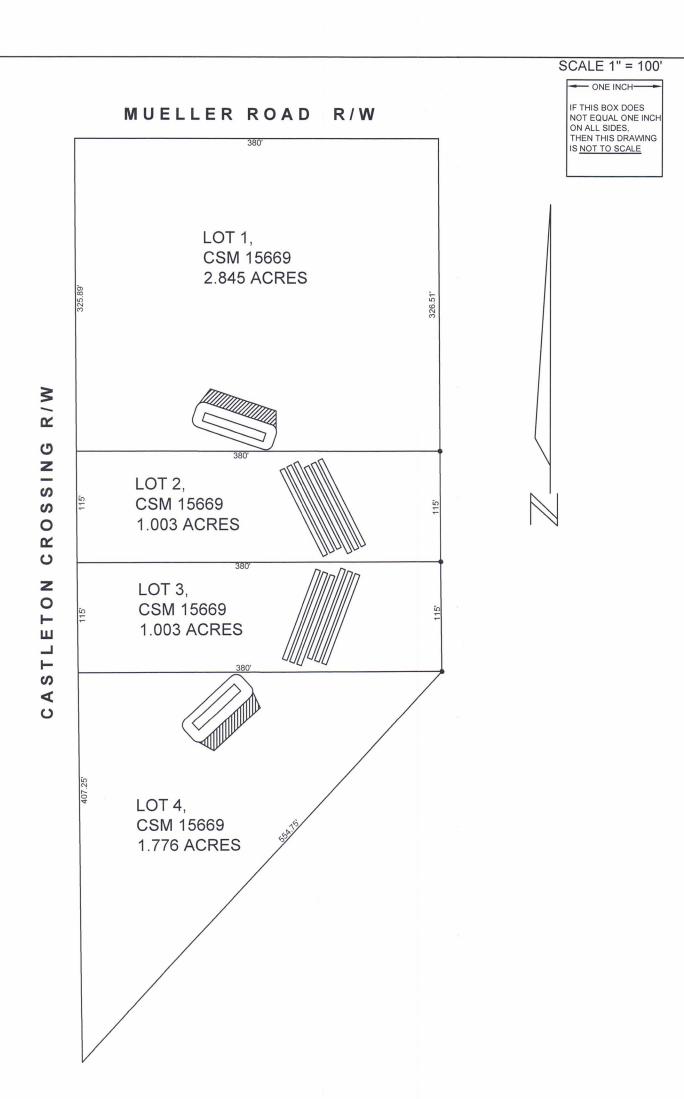
# Horizon	☐Boring ☑Pit  Depth	Ground surface								cation Rate
	inches	Munsell	Qu. Sz. Cont. Color		Gr.Sz.Sh.	(Moist)			*Eff#1	*Eff#2
									×	
			*							

Boring	Boring									
#	<b>⊠</b> Pit	Ground surface 6	elev.		Depth to li	miting factor				cation Rate
Horizon	Depth	Dominant Color	Redox Description	Texture	Structure	Consistence	Roots	Boundary	GPD	/ft <sup>2</sup>
	inches	Munsell	Qu. Sz. Cont. Color		Gr.Sz.Sh.	(Moist)			*Eff#1	*Eff#2
										5
	1									

<sup>\*</sup>Effluent #1 =  $BOD_5 > 30 \le 220 \text{ mg/L}$  and  $TSS > 30 \le 150 \text{ mg/L}$ 

<sup>\*</sup>Effluent #2 =  $BOD_5 \le 30 \text{ mg/L}$  and  $TSS \le 30 \text{ mg/L}$ 





## SOIL EVALUATION REPORT

Page 1 of 4

Division of Industry Services

in accordance with SPS 385, Wis.Adm.Code

Attach complete site plan on paper not less than 81/2 x 11" in size. Plan must

County	DANE	-
Parcel I.D.	012/0911-181-9160-0	-
Reviewed by	Date	

include, but not limited to: vertical and horizontal reference point (BM), direction								County DANE						
and % slope, scale or dimensions, north arrow, location & distance to nearest road.  **Please print all information**								Parcel I.D. 012/0911-181-9160-0						
								ved by		Date				
Perso	onal information	you provide may be use	ed for secondary purposes (	Privacy Law,s.:	15.04(1)(m)).									
Property Owner					Property Location									
CASTLETON MEADOW LLC				SW	1/4,	NE	1/4,	S	18,	T 9	N, R	11	Ε	
Property Owner's Mailing Address				Lot #		Subd.N	lame or CS							
					4 15669									
City	State		Phone Number		City	X	Town		Ne	arest Ro	ad			
	PRAIRIE, W	/1 53590			BRISTO	L			CA	ASTLET	ON CRO	SSING		
X New C	onstruction	Use: X	Residential/No.bedr	ooms	4	Code	e derived o	design flow			00 GPD			
Replac	ement	Ë	Public or commercia			_	e derived (	iesigii ilow	rate:	0	OO GPD			
Parent Mat	erial:	LOESS, GLAC		Describe.		Elood D	lain alayat	ian if anni!						
General cor						rioour	iaiii elevat	ion if applic	cable		ft.			
and recomn	nendations:	MOUND WIT	TH MIN. 20" SAND	)										
0.6	GPD/SO	.FT. LOADING			M ELEV:		SEE DIA	OT PLAN	ı					
				313121	VI LLL V.		SEE PLO	OT PLAN						
Boring	Boring													
9 #	X Pit	Ground surface	e elev. 952.7'		D	P. 10.		1.611						
Horizon	Depth	Dominant Color		IT- 4	Depth to limiting fa						Soil Application Rate			
	inches	Munsell	Redox Description	Texture	Structure		stence	Roots	Bo	oundary	GPE	)/ft²		
Ар	0-11	10YR3/2	Qu. Sz. Cont. Color	sil	Gr.Sz.Sh.	(Moi	ist) fr	24	+		*Eff#1	*Eff#2		
-				311	213DK		II	2f		as	0.6	0.8	,	
Bt1	11-16	10YR4/4		cl	2fsbk		fi	1f		CS	0.4	0.6	j	
Bt2	16-36	10YR4/4	c3d7.5YR5/8	cl	1fsbk		fi	1f			0.2	0.3		
	9											T	-	
									+					
		<b>+</b>		+		+-		-	+			_		
Boring	Boring	:												
0 #	Pit	Ground surface	elev. 952.71'		5			2211						
Horizon	Depth	Dominant Color	651 160 6 161 6	T=-	Depth to li			23"			Soil Applic		e	
110112011	inches	Munsell	Redox Description	Texture	Structure	Consis		Roots	Во	undary	GPD			
Ар	0-9	10YR3/2	Qu. Sz. Cont. Color	sil	Gr.Sz.Sh. 2fsbk	(Mois	fr	25	+		*Eff#1	*Eff#2		
				311	213UK	'	П	2f		as	0.6	0.8		
Bt1	9-23	10YR4/4		cl	2fsbk	f	fi	1f		CS	0.4	0.6		
Bt2	23-40	10YR4/4	c3d7.5YR5/8	cl	1fsbk	f	fi	1f			0.2	0.3		
												N		

\*Effluent #1 =  $BOD_5 > 30 \le 220$  mg/L and  $TSS > 30 \le 150$  mg/L Name JEFFREY L. HAMMES

\*Effluent #2 =  $BOD_5 \le 30 \text{ mg/L}$  and  $TSS \le 30 \text{ mg/L}$ 

CST Name Address

6219 COUNTRYSIDE LN.

MADISON, WI 53705

Signature:

CST Number 223300 Telephone No.(608)233-9200

Date Evaluation Conducted: 3/31/21

Gr.Sz.Sh.

(Moist)

*Effluent #1 = $BOD_5 > 3$	30 ≤ 220 mg/L and	TSS > 30 ≤ 150 mg/L
----------------------------	-------------------	---------------------

Munsell

Qu. Sz. Cont. Color

\*Eff#1

\*Eff#2

SBD-8330(R04/15)

inches

<sup>\*</sup>Effluent #2 =  $BOD_5 \le 30 \text{ mg/L}$  and  $TSS \le 30 \text{ mg/L}$ 

