APPENDIX I	
Soil Boring and Test Data Result	
By Van Cleef Engineerin	ıg
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CERTIFIED ENGINEERING OF NJ.

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ROUTE:		LOCAL	NAME:	Forest View	Estates, Me	ndham Tova	ship, NJ				BORING NO. FIELD	
SECTION:		COORD	INATES:								SOIL LOG NO: SL-1	
STATION:	OFFSE	T: REFERI	ENCE LINE	: Mountainsid	de Avenue						GROUND ELEVATION:	159.9
BOR	ING BY:	CE of	NJ.			DATE	START	ED:	9/1	18/2019	GROUND WATER ELEVATION O Hr.	Date: Date:
INSPECTOR: A. Mortezal					DATE CO	MPLETED	: !	9/18/20	019	24 Hr.		
DEPTH (ft)	CASING BLOWS	SAMPLE NO.	1	PTH (ft)	0 -6"	ows on Spoon REC. 6"-12" 12"-18" 18 - 24" (Inches)				SOIL DESCRIPTION AND STRATIFICATION	(ft)	
				1	**			-	+			0.5
0.5			0.5			-					0-6"; Top Soit	
3.2											6" to 38": Stone with Gravel, Light to Brown	
											Sandy Loam 10R6/3	3.2
4											38" to 72": 4" to 6"	
											cobles, Sandy Loam 10R5/3 Brown Color Nor	
											Refusal No Water	6
6												
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·	D, of Drive Pi	ipe/Hollow St	em Auger	1		4 in.	-					
		rret Sampler				1 3/8 in.					formation shown hereon was obtained for the Owner's	
ļ	Hammer on C				·	300 lbs.					 It is made available to authorized users only that they mention available to the Owner, It is presented in good fai 	
		Split Barrel Sa	moles			140 lbs	Autor	in!	itende		stitute for investigations, interpretation or judgement of	
	mmer on Dri		-при				Autol	us	sers.			
			nalar			24 in.				A	proximate Change in Strata	
	панен он ор	lit Barrel San				30 in.				Abh	Inferred Change in Strata	
Core Size	-Mana	omt a f - 1-11 *		-th D.11.5	3	alana etterii	ina nata-				morrow energy is arrow.	
SOIL descrip	ouons repres	ent a field lde	nollsolmin	aiter U.M. b	ourmister U	ness omerv	nse noted.					

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ROUTE:		LOCAL	NAME;	Forest View	Estates, Me	ndham Tova	nship, NJ				BORING NO. FIELD		
SECTION:		COORD	INATES:								SOIL LOG NO: SL-1		
STATION:	OFFSE	T: REFERE	ENCE LINE	: Mountainsi	đe Avenue						GROUND ELEVATION:		
ВОР	RING BY:	CE of	NJ.			DATE	START	ED:		6/8/2019	GROUND WATER ELEVATION Date: July 8,	2019	
INSPECTO	R:	A. Mortezai				DATE CO	MPLETEO	:	6/8/2	019	24 Hr.		
DEPTH (ft)	CASING BLOWS	SAMPLE NO.		EPTH (ft)	0 - 6"	ws 6" - 12"	on 5	Spoon 18 -	24"	REC. (inches)	SOIL DESCRIPTION AND STRATIFICATION		
0.5											0-6": Top Soil	0.5	
3.2								<u> </u>			6° to 38": Stone with Gravel, Light to Brown		
4											Sandy Loam 10R-6/3 36" to 72": 4" to 6" Cobles, Sandy Loam 10R-	3.2	
							•				5/3 Brown Color No Refusal No Water		
6												6	
10					<u> </u>		·····						
15				<u> </u>									
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}	D. of Drive Pi D. of Split Ba		em Auger			4 in. 1 3/8 in.			The s	ubsurface in	nformation shown hereon was obtained for the Owner's design a	ınd	
	Hammer on E								estima	ate purposes	s. It is made available to authorized users only that they may have nation available to the Owner. It is presented in good faith, but i	access	
<u> </u>	Hammer on S		ampler			300 lbs. 140 lbs		matic		ed as a sub	nation available to the Owner, it is presented in good fatin, but i ostitute for investigations, interpretation or judgement of such au		
Drop of Ha	mmer on Dri	ve Pipe				24 in.							
	mmer on Sp	lit Barrel Sarr	pler			30 in.				Арр	proximate Change in Strata		
L	ore Size Inferred Change in Strata oil descriptions represent a field identification after D.M. Burmister unless otherwise noted.												
- JUN 0 COUNT	A. OLIO 10 DIGO			witter Later L	Januatet Ul	maga Unicii	110160						

ROUTE:		LOCAL	NAME:	Forest View	Estates, Me	ndham Tow	nship, NJ				BORING NO, FIELD		
SECTION:		COORD	NATES:								SOIL LOG NO: SL-2		
STATION:	OFFSE	T: REFERE	NCE LINE	: Mountainsic	le Avenue						GROUND ELEVATION:		
	ING BY:	CE of				DATE	START	ED:		6/8/2019	GROUND WATER ELEVATION Date: July 0 Hr.	y 8, 2019	
INSPECTOR	₹:	A. Mortezai				DATE CO	MPLETED	;	6/8/	2019	24 Hr.		
DEPTH (ft)	CASING BLOWS	SAMPLE NO.	ł	PTH (ft)	Blo 0 - 6"	ws 6" - 12"	on {	Spoon 18	n REC. SOIL DESCRIPTION AND STRATIFICATION - 24" (Inches)			(ft)	
0.5					n						0-8°; Top Soil	0.5	
3.2											8" to 32": Stone with Sandy Loam 10R- 6/3 Light Brown Color		
4											32" to 52": 4" to 6" Stones with Sandy Loam 10R-5/3 Brown Color No Refusal	3.2	
											52" to 80": 12" to 14" Stones, Sandy Loam, Light Brown No Refusal No Water	7	
7											Eveni, Egit bloom to television to television		
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	D of Drive Pi	pe/Hollow St	am Auger	l	<u> </u>	4 in.	l	<u> </u>		1			
									The s	subsurface in	formation shown hereon was obtained for the Owner's desk	gn and	
⊢——	D. of Split Ba					1 3/8 in.					s. It is made available to authorized users only that they may he		
<u> </u>	Hammer on D					300 lbs,		——i			nation available to the Owner. It is presented in good faith, b stitute for investigations, interpretation or judgement of such		
<u> </u>		Split Barrel Sa	ampler			140 lbs	Autor		users		, , , , , , , , , , , , , , , , , , ,		
Drop of Ha	mmer on Dri	ve Pipe				24 in.							
Drop of Ha	mmer on Sp	it Barrel Sarr	ıpler			30 in.				Арр	proximate Change in Strata		
Core Size											Inferred Change in Strata		
Soil descri	otions repres	ent a field ide	ntification	after D.M. E	Burmister ur	iless otherv	vise noted						

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ROUTE:		LOCAL	NAME:	Forest Viev	v Estates, Me	ndham Tow	nship, NJ				BORING NO, FIELD		
SECTION:													
STATION:	OFFSE	T: REFERI	ENCE LINE	: Mountains	de Avenue						GROUND ELEVATION:		
BOF	NG BY:	CE of	NJ.			DATE	START	EO:	1	6/8/2019	GROUND WATER ELEVATION Date: July 8, 2019	}	
INSPECTO	R:	A. Mortezal				DATE CO	MPLETED:	;	6/8/2019		24 Hr.		
DEPTH (ft)	CASING BLOWS	SAMPLE NO.	1	:PTH (ft)	Blo 0 - 6"	ws 6" - 12"	on 5	igeon 18 -		REC. (Inches)	SOIL DESCRIPTION AND STRATIFICATION (fi)	
0.5				1	*		1	"			0.3		
					 			\vdash			0-8": Top Soil		
3.2											8" to 40": Stone Gravel with Sandy Loam Light Brown, 10R-6/3 Stones 4" to 12"		
											40° to 79°: Dark Brown Sandy Loam, with	!	
4					1		ļ				Stones 18" to 24"		
					<u> </u>						60° Sandy Loam, Dark Brown No Refusal		
7											No Water '		
						\vdash							
10									**********		-	***************************************	

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40								 			 		
Nominal I.	D. of Drive P	ipe/Hollow St	em Auger	·1		4 in.	.1	<u>. </u>		1			
Nominal I.	D. of Split Ba	ırrel Sampler				1 3/8 in.					nformation shown hereon was obtained for the Owner's design and		
	Hammer on I					300 lbs.					 It is made available to authorized users only that they may have accerated in good faith, but is no 		
		Split Barrel S	ampler			140 lbs		100000	intend	led as a sub	ostitute for investigations, interpretation or judgement of such author		
	immer on Dr		•			24 in.		 `	users.				
		lit Barrel San	npler			30 in.		-		An	proximate Change in Strata		
Core Size	•							-			Inferred Change in Strata	,	
	ptions repres	ent a field ide	entification	after D,M,	Burmister u	nless olhen	wîse noted.	J			· · · · · · · · · · · · · · · · · · ·		

Depth (inches) <u>Top-Bottom</u>	Fragment,	lor Name and Symbol f Present; Structure; N Present					
0 - 10"	10YR 3/3	Loam; Subangular Blo	cky, Friable				
10 - 60"	7.5YR 4/4	Sandy Clay Loam; Sul	oangular Bloc	ky, Friable			
60 - 120"	10YR 5/4	Loam; No Structure, F	riable				
		No Mottles					
		No water					
	Depth in Inches:	A SUS-ANGENIA MENTANGAN ANGENTANGAN				477	
	1st Seepage			None			-
							-
		C					-
				te:			
		ing					•
				None			•
5	-	s: Depths as Indicated (In	·				
		ck Substratum (top)					
		k Substratum (top)					
		Coarse Horizon (top to bott					
	Excessively	Coarse Substratum (top)					-
		Restrictive Horizon (top to					-
		Restrictive Substratum (to					•
		e of Saturation (top to botto					
		e of Saturation – (top)					
		y Class (from table 10.1)					
	Type of Field	(from table 10.1)		C (SRB, S	SRE,	M, MSR)	-
Water Pollution	Control Act (N.J.S.)	urnished on Form 2B of this app 1.58:10a-1 et seq.) and is subjet perly backfilled for safety purpose	ct to penalties a				
Signature of	Site Evaluator	Kyle J. Paterson)ate:	2/25/2020	-
Signature of	Professional Eng	ineer <u>Muchau</u> Michael K. Ford, N	<u>l k. Z.a</u> IJ PE License	<u>(</u> No. 34722)ate:_	3/3/2020	- 4

DATE:	March 3, 2020	_	BLOCK 116	LOT <u>47</u>
Describe in a	accordance with 7:9	9A-5.3 (inches top-bottom) all profile pit	s in or within 20' of propo	sed disposal field
	.2A		• •	ood diopoodi noidi
Depth (inches) Top-Bottom	Fragment, If	or Name and Symbol; Estimated Present; Structure; Moist or Dry resent	Textural Class; Estin Consistence; Mottling	y - Abundance, Size and
0 - 10"	10YR 3/3	Loam; Subangular Blocky, Friable		
10 - 30"	7.5YR 5/4	Sandy Clay Loam; Subangular Bloc	ky, Friable	
30 - 90"	7.5YR 6/4	Sandy Loam, No Structure, Friable		
90 - 120"	10YR 6/3	Cobbly Sandy Loam with 20% Gran	itic Gneiss Cobbles, No	Structure, Friable
		No Mottles		
		No water		
	Depth in Inches:			
,	,		None	
			te:	
		ng		
;		: Depths as Indicated (In Inches):		
	Fractured Roc	k Substratum (top)		
		Substratum (top)		
	Excessively Co	oarse Horizon (top to bottom)		
	Excessively Co	oarse Substratum (top)		
	Hydraulically F	Restrictive Horizon (top to bottom)		
	Hydraulically F	Restrictive Substratum (top)		
	Perched Zone	of Saturation (top to bottom)	·	
	Regional Zone	e of Saturation – (top)		
		Class (from table 10.1)		
	Type of Field (from table 10.1)	C (SRB, SF	RE, M, MSR)
Water Pollution	n Control Act (N.J.S.A.:	rnished on Form 2B of this application is true ar 58:10a-1 et seq.) and is subject to penalties as erly backlilled for safety purposes.	nd accurate. I am aware that fi s prescribed in N.J.A.C.7:14-8.	alsification of data is a violation of the I further certify that all borings and
Signature of	Site Evaluator	Kyle J. Paterson	Da	te: <u>2/25/2020</u>
Signature of	Professional Engir	neer <u>Mulaul G. F.</u> Michael K. Ford, NJ PE License		te: 3/3/2020

DATE:	March 3, 2020			BLOCK <u>116</u>	i	LOT <u>47</u>	-
Describe in	accordance with 7:	9A-5.3 (inc	ches top-bottom) all profile pit	s in or within 20' o	f proposed	d disposal field.	
Log ID =1			Date: 2/24/20 - 2/25/20		. ,	•	
Depth (inches) Top-Bottor	Fragment, If	Present	and Symbol; Estimated ; Structure; Moist or Dry		lottling -	Abundance, Si	
0 - 10"	10YR 3/3	Loam; S	Subangular Blocky, Friable				
10 - 53"	7.5YR 5/4	Sandy (Clay Loam; Subangular Bloc	ky, Friable			
53 - 120"	7.5YR 6/4	Sandy I	Loam, No Structure, Friable				
		No Mot	tles				
		No wate					
	Depth in Inches:						
	1st Seepage _		, , , , , , , , , , , , , , , , , , , ,	None	3		
	Infiltration			None)		
	24 Hour Statio						_
	SHWT		Dat	e;	· · · · ·		_
	Highest Mottli	ng	***************************************	None)		_
	Non-soil			None)		
	Soil Limiting Zones	: Depths a	as Indicated (In Inches):				
	Fractured Roc	k Substrat	tum (top)				
	Massive Rock	Substratu	ım (top)				_
	Excessively C	oarse Hori	izon (top to bottom)				
	Excessively C	oarse Sub	stratum (top)				_
	Hydraulically F	Restrictive	Horizon (top to bottom)				
	Hydraulically I	Restrictive	Substratum (top)			, <u></u>	
	Perched Zone	of Satural	tion (top to bottom)				
	Regional Zone	e of Satura	ation – (top)				*****
	Soil Suitability	Class (fro	m table 10.1)	<u> </u>			_
			10.1)				→
Water Pollutio		58:10a-1 et	Form 2B of this application is true an seq.) and is subject to penalties as d for safety purposes.				
Signature o	f Site Evaluator	Kyl	e J. Paterson		Date:	2/25/2020	
Signature o	f Professional Engli		Muual K. Z.	No. 34722	Date:_	3/3/2020	_

DATE:	March 3, 2020		BLOCK <u>1</u>	16	LOT <u>47</u>	
Describe in ac	cordance with 7	:9A-5.3 (inches top-bottom) a	ll profile pits in or within 20	of proposed	disposal field.	
Log ID = 1.3	<u> </u>	Date: <u>2/24/20</u> –	2/25/20			
Depth (inches) Top-Bottom		lor Name and Symbol; E f Present; Structure; Mole Present				
0 - 10"	10YR 3/3	Loam; Subangular Blocky	/, Friable			
10 - 45"	7.5YR 5/4	Sandy Clay Loam; Subar	ıgular Blocky, Friable			
45 - 80"	7.5YR 6/4	Sandy Loam, No Structur	e, Friable			
80 - 120"	10YR 6/3	Sandy Loam, No Structur	e, Friable			
		No Mottles				
		No water				
D	epth in Inches:					_
	1st Seepage		No	one		
	Infiltration		N(one		
	24 Hour Stati	c	***************************************		· · · · · · · · · · · · · · · · · · ·	
	Highest Mottl	ing	Ne Ne	one		
	Non-soil		No.	one		
S	oil Limiting Zone:	s: Depths as Indicated (In Inc	ches):			
	Fractured Ro	ck Substratum (top)				
	Massive Rock	k Substratum (top)				
	Excessively (Coarse Horizon (top to bottom)			
	Excessively (Coarse Substratum (top)				
	Hydraulically	Restrictive Horizon (top to bo	ttom)			
	Hydraulically	Restrictive Substratum (top)_			-	
	Perched Zone	e of Saturation (top to bottom)			
		ne of Saturation – (top)				
		y Class (from table 10.1)				
	Type of Field	(from table 10.1)	C	(SRB, SRE, I	M, MSR)	
Weter Pollution	Control Act (N.J.S.A	urnished on Form 2B of this applica 1.58:10a-1 et seq.) and is subject to perly backlilled for safety purposes.	ation is true and accurale. I am a o penallies as prescribed in N.J	aware that falsific I.A.C.7:14-8. I fu	alion of data is a violation of l urther certify that all borings a	he nd
Signature of	Site Evaluator	Kyle J. Paterson		Date:	2/25/2020	
Signature of I	Professional Eng		. K. T. D PE License No. 34722	Date:_	3/3/2020	

DATE:	March 3, 2020			BLOCK 116	LOT <u>47</u>
Describe in a	accordance with 7	:9A-5.3 (inches	top-bottom) all profile pi	is in or within 20' of propo	osed disposal field.
Log ID = 2.	1	Date	e: <u>2/24/20 – 2/25/20</u>		·
Depth (inches) Top-Bottom	Fragment, I	f Present; Str	I Symbol; Estimated ucture; Moist or Dry	Textural Class; Estir Consistence; Mottling	mated Volume % Coarse g - Abundance, Size and
0 - 10"	10YR 3/3	Silt Loam; G	ranular, Friable		
10 - 49"	7.5YR 5/4	Clay Loam;	Subangular Blocky, Fria	ble	
49 - 68"	7.5YR 6/4	Sandy Loam	ı; 10% Gravel, No Struc	ture, Friable	
68 - 120"	10YR 6/3	Sandy Loam	ı, No Structure, Friable		
		No Mottles			
		No water			
<u></u>	Depth in Inches:				
l.				Nane	
				TYONG	
				e:	
	Non-soil			None	
5	Soil Limiting Zone	s: Depths as Inc	dicated (In Inches):		
	Fractured Ro	ck Substratum (top)	·	
	Massive Roc	c Substratum (to	p)		·
	Excessively 0	Coarse Horizon (top to bottom)		
	Excessively 0	Coarse Substrate	ım (top)	· · · · · · · · · · · · · · · · · · ·	
	Hydraulically	Restrictive Horiz	zon (top to bottom)		
	Hydraulically	Restrictive Subs	stratum (top)		
	Perched Zon	e of Saturation (top to bottom)		
	Regional Zon	e of Saturation -	- (top)		
	Soil Suitability	/ Class (from tal	ole 10.1)	<u> </u>	
	Type of Field	(from table 10.1)	C (SRB, SF	RE, M, MSR)
Water Pollution		.58:10a-1 et seq.)	and is subject to penalties as		alsification of data is a violation of the I further certify that all borings and
Signature of	Site Evaluator	Kyle J. F	Paterson	Da	te: <u>2/25/2020</u>
Signature of	Professional Eng		Mulhaul L. F K. Ford, NJ PE License		te: <u>3/3/2020</u>

DATE:	March 3, 2020			BLOCK <u>11</u>	6	_ LOT <u>47</u>		
Describe in ad	ccordance with 7	9A-5.3 (inches top-bottor	n) all profile pits	s in or within 20'	of proposed	disposal field.		
Log ID = 2.2	2A	Date: <u>2/24/2</u>	20 - 2/25/20					
Depth (inches) <u>Top-Bottom</u>	s) Fragment, If Present; Structure; Moist or Dry Consistence; Mottling - Abundance, S							
0 - 10"	10YR 3/3	Silt Loam; Granular, F	riable					
10 - 55"	7.5YR 4/4	Silt Loam; Subangula	it Loam; Subangular Blocky, Friable					
55 - 90"	10YR 4/4	Loam; 10% Gravel, N	o Structure, Fri	able				
90 - 120"	7.5YR 4/6	Gravelly Loam; 25% (Gravel, No Stru	cture, Friable				
		No Mottles						
		No water						
D	epth in Inches:		·					
-				Nor	าค			
)						
		was to the second secon					_	
	SHWT Date: Highest Mottling None							
	Non-soil	***************************************						
s		s: Depths as Indicated (Ir						
	Fractured Ro	ck Substratum (top)					 .	
		Substratum (top)						
	Excessively C	oarse Horizon (top to bot	.tom)		***************************************		_	
	Excessively C	coarse Substratum (top)_	the Market Annual Control of the Con				······································	
	Hydraulically	Restrictive Horizon (top to	botlom)					
	Hydraulically	Restrictive Substratum (to)p)(qc					
	Perched Zone	e of Saturation (top to bot	iom)					
	Regional Zon	e of Saturation – (top)						
		Class (from table 10.1)_						
	Type of Field	(from table 10.1)		C (SRB, SRE,	M, MSR)	<u></u>	
Water Pollution	Control Act (N.J.S.A	urnished on Form 2B of this ap .58:10a-1 et seq.) and is subj perly backlilled for safety purpos	ect to penalties as	d accurale. I am aw prescribed in N.J.A	vare that falsifi i.C.7:14-8, I f	cation of data is a vio urther certify that all	olation of the borings and	
Signature of	Site Evaluator	Kyle J. Paterson			Date:	2/25/2020		
Signature of I	Professional Eng	neer <u>Multuu</u> Michael K. Ford, l	CO O COCC	No. 34722	Date:_	3/3/2020		

DATE:	March 3, 2020			BLOCK <u>116</u>		LOT <u>47</u>		
Describe in a	accordance with 7	:9A-5.3 (inc	ches top-bottom) all profile pit	s in or within 20' of pro	posed	l disposal field.		
Log ID = 2.	2		Date: 2/24/20 - 2/25/20	·				
Depth (inches) Top-Bottom	Fragment, I	f Present;	and Symbol; Estimated Structure; Moist or Dry					
0 - 10"	10YR 3/3	Silt Loar	m; Granular, Friable					
10 - 48"	7.5YR 4/6	Sandy C	Sandy Clay Loam; 10% Gravel, Subangular Blocky, Friable					
48 - 80"	7,5YR 4/6	Loam; N	lo Structure, Friable					
80 - 120°	7.5YR 4/6	Sandy L	oam, No Structure, Friable					
		No Mott	les					
		No wate	er					
	Depth in Inches:							
4-	•			None				
			The second secon					
				e:				
	Highest Mottl	ing		None				
	Non-soil	·		None				
8	Soll Limiting Zone	s: Depths a	is Indicated (In Inches):					
	Fractured Ro	ck Substrati	um (top)					
	Massive Roc	k Substratur	m (lop)			<u>.</u>		
	Excessively (Coarse Hori:	zon (top to bottom)					
	Excessively (Coarse Subs	stratum (top)					
	Hydraulically	Restrictive I	Horizon (top to bottom)					
	Hydraulically	Restrictive :	Substratum (top)					
	Perched Zon	e of Saturati	ion (top to bottom)					
			tion – (top)					
			n table 10.1)					
	Type of Field	(from table	10.1)	C (SRB,	SRE,	M, MSR)		
Water Pollution		.58:10a-1 et s	orm 2B of this application is true an seq.) and is subject to penalties as I for safety purposes.					
Signature of	Site Evaluator	Kyle	g J. Paterson		Date: _	2/25/2020		
Signature of	Professional Eng		Muchael K. In John Hall K. Ford, NJ PE License		Date:_	3/3/2020		

DATE:	March 3, 2020	_	BLOCK 116	LOT <u>47</u>
Describe in a	accordance with 7:	9A-5.3 (inches top-bottom) all profile pits	in or within 20' of propos	ed disposal field.
Log ID = 2.		Date: 2/24/20 - 2/25/20		•
Depth (inches) Top-Bottom	Fragment, If	or Name and Symbol; Estimated T Present; Structure; Moist or Dry C resent	Fextural Class; Estim Consistence; Mottling	- Abundance, Size and
0 - 10"	10YR 3/3	Loam; Granular, Friable		
10 - 60"	7.5YR 4/4	Sandy Clay Loam; Subangular Blocky	/, Friable	
60 - 80"	7.5YR 4/6	Sandy Loam; No Structure, Friable		
80 - 120"	7.5YR 4/6	Sandy Loam; 5% Granitic Gneiss Sto	ne, No Structure, Friable	3
		No Mottles		
		No water		
Ε	Depth in Inches:			

		Date	•	
		99		
5		: Depths as Indicated (In Inches):		
	=	k Substratum (top)		
		Substratum (top)		
		parse Horizon (top to bottom)		
		parse Substratum (top)		
	Hydraulically F	Restrictive Horizon (top to bottom)		
		Restrictive Substratum (top)		
	Perched Zone	of Saturation (top to bottom)		
		of Saturation – (top)		
		Class (from table 10.1)		
	Type of Field (from table 10.1)	C (SRB, SRE	E, M, MSR)
Water Pollution	Control Act (N.J.S.A.t	rnished on Form 2B of this application is true and 58:10a-1 et seq.) and is subject to penalties as perly backfilled for safety purposes.	accurate, I am aware that fal prescribed in N.J.A.C.7:14-8.	sification of data is a violation of the I further certify that all borings and
Signature of	Site Evaluator	Kyle J. Paterson	Date	e: <u>2/25/2020</u>
Signature of	Professional Engir	neer Mulay 4, S. R Michael K. Ford, NJ PE License N	Date	e: 3/3/2020

DATE:	March 3, 2020			BLOCK <u>116</u>		_ LOT <u>47</u>		
Describe in a	ccordance with 7	:9A-5.3 (ind	ches top-bottom) all profile pil	s in or within 20' of	proposed	l disposal field.		
Log ID = 3.	1	<u>.</u>	Date: 2/24/20 - 2/25/20					
Depth (inches) <u>Top-Bottom</u>	Fragment, I	f Present;	and Symbol; Estimated Structure; Moist or Dry					
0 - 8"	10YR 3/3	Loam;	Granular, Friable					
8 - 65"	7.5YR 4/4	Heavy Sandy Loam; Subangular Blocky, Friable						
65 - 100"	7.5YR 4/6	Sandy l	Loam; No Structure, Friable					
100 - 120"	7.5YR 4/4	Sandy l	Loam; No Structure, Friable					
		No Mot	tles					
		No wate	er					
L	Depth in Inches:			Noon				
	-							
			Dat					
	-							
S			as Indicated (In Inches):					
	_	•	lum (top)					
			ım (top)					
			izon (top to bottom)					
	Excessively (Coarse Sub	stratum (top)					
	Hydraulically	Restrictive	Horizon (top to bottom)					
			Substratum (top)					
	Perched Zon	e of Satura	tion (top to bottom)					
	Regional Zor	e of Satura	ntion – (top)	<u></u>				
	Soit Suitabilit	y Class (fro	m table 10.1)					
			10.1)					
Water Pollution	Control Act (N.J.S./	1.58:10a-1 et	Form 2B of this application is true ar seq.) and is subject to penallies as d for safety purposes.	d accurate. I am ewer prescribed in N.J.A.C.	e that falsifi 7:14-8. I fi	cation of data is a violati urther certify that all bor	on of the rings and	
Signature of	Site Evaluator	Ку	e J. Paterson		Date:	2/25/2020		
Signature of	Professional Eng	ineer	Muliaul K. Zachael K. Ford, NJ PE License	No. 34722	Date:_	3/3/2020		

DATE:	March 3, 2020	_		BLOCK <u>116</u>	LOT <u>47</u>			
Describe in	accordance with 7:9	9A-5.3 (inches top-bo	ttom) all profile pi	s in or within 20' of propo	osed disposal field.			
Log ID =3			24/20 – 2/25/20	, ,				
Depth (inches) Top-Botto	Fragment, If	Munsell Color Name and Symbol; Estimated Textural Class; Estimated Volume % Coarse Fragment, If Present; Structure; Moist or Dry Consistence; Mottling - Abundance, Size and Contrast, If Present						
0 - 10"	10YR 3/3	Loam; Granular, F	iable					
10 - 60"	7.5YR 4/4	Loam; Subangular	Blocky, Friable					
60 - 120"	7.5YR 4/6	Sandy Loam; 5% (Sandy Loam; 5% Granitic Gneiss Cobbles, No Structure, Friable					
		No Mottles						
		No water						
	Depth in Inches:				AND THE RESIDENCE OF THE PARTY			
	1st Seepage _		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	None				
	Infiltration			None				
	24 Hour Static							
				te:				
	Highest Mottlin	19						
	Non-soil		······	None				
	Soil Limiting Zones	: Depths as Indicated	(In Inches):					
	Fractured Roc	k Substratum (top)			1888H, M. C			
	Massive Rock	Substratum (top)			***************************************			
	Excessively Co	oarse Horizon (top to	bottom)	West-				
	Excessively Co	oarse Substratum (top)					
	Hydraulically F	Restrictive Horizon (to	o to bottom)					
	Hydraulically F	Restrictive Substratum	(top)					
	Perched Zone	of Saturation (top to I	oottom)		1904-1			
	Regional Zone	of Saturation – (top)						
	Soil Suitability	Class (from table 10.	1)]				
	Type of Field (from table 10.1)		C (SRB, SF	RE, M, MSR)			
Water Pollution	on Control Act (N.J.S.A.t	rnished on Form 2B of this 58:10a-1 et seq.) and is s erly backlilled for safety pu	ubject lo penalties a	id accurate. I am aware that f prescribed in N.J.A.C.7:14-8.	alsification of data is a violation of the I further certify that all borings and			
Signature o	of Site Evaluator	Kyle J. Paterso	on	Da	ete: <u>2/25/2020</u>			
Signature o	of Professional Engir	neer Much	hall K.Z	~D Da	ate: 3/3/2020			

Michael K. Ford, NJ PE License No. 34722

DATE:	March 3, 2020	-		BLOCK <u>116</u>	LOT <u>47</u>			
Describe in a	accordance with 7:	9A-5.3 (inches top-bo	ttom) all profile oi	s in or within 20' of propo	sed disposal field.			
Log ID = 3.		•	24/20 – 2/25/20		•			
Depth (inches) Top-Bottom	Munsell Color Name and Symbol; Estimated Textural Class; Estimated Volume % Fragment, If Present; Structure; Moist or Dry Consistence; Mottling - Abundance,							
0 - 10"	10YR 3/3	Silt Loam; Granula	r, Friable					
10 - 65"	7.5YR 4/4	Heavy Sandy Loar	Heavy Sandy Loam; Subangular Blocky, Friable					
65 - 90"	7.5YR 4/3	Loam; 10% Graniti	c Gneiss Cobble	s, No Structure, Friable				
90 - 120"	7.5YR 4/4	Loam; 10% Graniti	c Gneiss Stone,	No Structure, Friable				
		No Mottles						
		No water						
	Depth in Inches:							
•	•			None				
				le:				
		ng						
	Non-soil			None				
;	Soil Limiting Zones	: Depths as Indicated	l (In Inches):					
	Fractured Roo	ck Substratum (top)						
	Massive Rock	Substratum (top)						
	Excessively C	oarse Horizon (top to	bottom)					
	Excessively C	oarse Substratum (to	0)					
	Hydraulically I	Restrictive Horizon (to	p to bottom)					
	Hydraulically l	Restrictive Substratun	ı (top)					
	Perched Zone	of Saturation (top to	bottom)		· · · · · · · · · · · · · · · · · · ·			
	Regional Zone	e of Saturation – (top <u>)</u>						
	Soil Suitability	Class (from table 10.	1)					
	Type of Field	(from table 10.1)		C (SRB, SI	RE, M, MSR)			
Water Pollution	n Control Act (N.J.S.A.	rrnished on Form 2B of thi .58:10a-1 et seq.) and is : perly backfilled for safety pu	subject to penalties a	nd accurate. I am aware that f s prescribed in N.J.A.C.7:14-8.	alsification of data is a violation of the			
Signature of	f Site Evaluator	Kyle J, Paters	on	Da	ate: <u>2/25/2020</u>			
Signature of	f Professional Engi	neer <u>Mwww</u> Michael K. Fo	ual K, h		ate: 3/3/2020			