☐ White - Local Agency



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

Application No M						Municipality Plainfield Township County Northampton					
Site Location Lot 29, Test Pit # 303 Subdivision Name Estates at Colony Park											
SUITABLE Soil Type Br Slope% Depth to Limiting Zone +35 inches Ave. Perc. Rate 8.15											
UNSUITABLE											
		☐ Per	c. Rate		Unstab	ilized Fill	☐ Flood	olain 🔲 O	ther		
SOILS DESC Soils Descrip			d by: BEC	S, Inc., Jos	eph W. Co	rona, M.S.,	P.S.S.	D	ate: Septer	nber 20, 20	005
	Inches Description of Horizon										
OTC	8_0	_	Ap 10YF	R4/3 very gr	avelly silt lo	am, friable	, weak gra	nular struct	ure		
8 TO	24	_	Bw 10YI	R5/6 very ch	annery silt	loam, friab	le, weak s	ubangular t	olocky struc	ture	
24 TO	35	_	BC 10Y	R5/6 extrem	ely channe	ry silt loam	, friable, w	eak subanc	gular blocky	structure	
то		_	No Limit	ing Zone to	35 inches						
то		_									
то		_	Confirm	ing test pit #	304 - 26	open void	ds				
PERCOLAT	ON TE	ST.									
Percolation 7			by: BEC	S, Inc., Rya	n S, Detwe	iler		D	ate: Novem	ber 11, 20	05
Weather Cor				°F ⊠ 40							
Soil Conditio	ns:		Wet ⊠	Dry 🔲	Frozen						
		.	Reading	Reading No. 1:	Reading No. 2:	Reading No. 3:	Reading No. 4:	Reading No. 5:	Reading No. 6:	Reading No. 7	Reading No. 8:
Hole No.	Yes	No	Interval	Inches of drop	Inches of drop				Inches of drop		
1		х	10/30	5.5	5	4.375	4.125	4.125	3.75	3.375	3
2		х	10/30	6+	5.875	5.875	5.75	5.625			
3		х	10/30	4.125	3,5	3	3	3	2.75		
4		×	10/30	6+	5.125	4.875	4.5	4.125	4.125	3.75	3.25
5	X.		10/30	1.375	1.125	1.125	1.125				
6	Х		10/30	4.5	4	3.75	3,5	3.375	3.25	3.125	2.875
***Water remain	-					Yes, use 30-	minute interv	al; No, use 10	-minute interv	al.	
C	alculat	ion of	_	Percolation							
Uala Na		during		rc. Rate as	De						
Hole No.	3	period	3,3	nutes/Inch	of H 18	iole					
2			-								
2	5.625			1.8		18 *					
3	2.75			3.6		<u> </u>					
4			3.1 26.7		18 18	—.		The information provided is the true and			
5	1.125							correct result of tests conducted by me, performed under my personal supervision,			
TOTAL OF A	2.875		10.4				or,		manner a		
	TOTAL OF MINEY IN A VILL										
TOTAL NO. OF HOLES→ 6 (S) Sewinge Enforcement Officer											

☐ Yellow - Applicant

Pink - Local DEP Office

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT



■ White - Local Agency

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

Application I	No				Municipali	ty Plainfield	d Township		County No	rthampton		
Site Location	Lot 29	- Test	Pit # 356			:		n Name Est				
SUITABLE Soil Type Br Slope% Depth to Limiting Zone 23 inches Ave. Perc. Rate 23.70												
☐ UNSUITABLE ☐ Mottling ☐ Seeps or Pond												
		☐ Per	c. Rate	Slope	☐ Unstab	ilized Fill	☐ Flood	lplain 🔲 C	ther			
SOILS DES Soils Descri			d by: BEC	'S Inc. Col	in M. Brand	1 D C D C	. e e e e		ata: Oalah	a E 200E		
Inche		ompiete	u by. <u>DEC</u>	75, IIIC., COI	III M. Dranc		otion of H		ate: Octobe	BF 5, 2005		
0 TO			An 10YF	R4/3 channe	erv silt loam				cture			
	0 TO 10 Ap 10YR4/3 channery silt loam, friable, moderate granular structure 10 TO 18 Az 10YR4/3 channery silt loam, friable, weak subangular blocky structure											
18TG												
				YR5/6 chan								
	+23 TO Bw2/Cr 10YR5/4 very channery silt loam/channers, friable, weak subangular blocky structure										tructure	
			Limiting	Zone - 23 ir	nches oper	voids						
TO		_	Confirm	ing Test Pit	# 357 - 24	inches ope	n voids					
PERCOLAT												
Percolation '									ate: Noven		05	
Weather Co Soil Condition			Below 40 Wet ⊠	Dry	°F or abov Frozen	e ⊠Dry	∐ Rai	n, Sleet, Sn	ow (last 24	hours)		
				Reading	Reading	Reading	Reading	Reading	Reading	Reading	Reading	
Hole No.	Yes	l No	Reading Interval	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of dro	No. 5: Inches of drop	No. 6: Inches of drop	No. 7 Inches of drop	No. 8: Inches of drop	
1	×		10/30	3	2.5	2.5	2.5	2.25				
2	х		10/30	.625	.5	.625	.5					
3	x		10/30	1.375	1.25	1.25	1.25					
4	x		10/30	4.375	4.125	4.375	4.125					
5	х		10/30	1.125	1	1.25	1.125	-				
6	×		10/30	3.5	3.125	3	2.875	2.75	2.75	-		
***Water remain						Yes, use 30-	minute interv	al; No, use 10	-minute interv	val.		
,			_	Percolation		nth						
Hole No.		p during I period		rc. Rate as nutes/inch		pth łole						
1	2.25		13.3		15							
2	.5		60		15							
3	1.25		24			15 "						
4	4.125		7.27		15							
5	1.125			26.67				The information provided is the true and correct result of tests conducted by me, performed under my personal supervision,				
6	2.75			10.91		" M	n pe					
TOTAL OF	AIN / IN	→	142.	18	= <u>15</u> = <u>23.7</u>		or	verified in a	manner a	pproved by	DEP.	
TOTAL NO.	OF HO	LES→	6				(\$		vaga Enforce	ment Officer		

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SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

Application I											
Site Location	Lot 29	9 - Test	Pit # 304			8	Subdivision	Name Est	ates at Col	ony Park	
SUITABLE Soil Type Br Slope% Depth to Limiting Zone 26 inches Ave. Perc. Rate											
☐ UNSUITABLE ☐ Mottling ☐ Seeps or Ponded Water ☐ Bedrock ☐ Fractures ☒ Coarse Fragments									gments		
		☐ Per	c. Rate	☐ Slope	Unstab	ilized Fill	☐ Flood	olain 🗌 O	ther		
SOILS DES			d by: BEC	S. Inc. Jos	enh W. Co	rona M.S.	P.S.S.	D	ate: Senter	nher 20, 20	005
Soils Description Completed by: <u>BECS, Inc., Joseph W. Corona, M.S., P.S.S.</u> Date: <u>September 20, 2005</u> Inches Description of Horizon									000		
	0 TO 9 Ap 10YR4/3 gravelly silt loam, friable, weak granular structure										
9 TO	9 TO 14 Bw1 10YR5/6 extremely gravelly silt loam, friable, weak subangular blocky structure										
14 TO	O <u>26</u>	_	Bw2 10	YR5/6 very o	channery si	lt loam, fria	ble, weak	subangular	blocky stru	octure	
+26 To	o	_	<u>Cr</u>	extremely ci	hannery op	en voids					
то	o	_	Limiting	Zone - 26 in	nches open	voids					
т	o	_									
PERCOLAT			d boo						ate		
Percolation									ate:		
Weather Co Soil Condition				Dry		e 🗌 Dry	☐ Rair	n, Sieet, Sn	ow (last 24	nours)	
7 - 7 - 1		**		Reading	Reading	Reading	Reading	Reading	Reading	Reading	Reading
Hole No.	Yes !	No	Reading	No. 1: Inches of drop	No. 2: Inches of dros	No. 3: inches of drop	No. 4: inches of drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7 Inches of drop	No. 8: Inches of drop
			10/30				all services and services	District St. St. Sp.		indiana at area	
			10/30								
			10/30								
			10/30								
			10/30								
			10/30								
***Water remai	ning in the	e hole at	the end of the	ne final 30-min	ute presoak?	Yes, use 30-r	minute interv	al; No, use 10	-minute interv	al.	
(Calculat	tion of	Average	Percolation	Rate:						
		during		rc. Rate as	De						
Hole No.	final	period	. Mi	inutes/Inch	of H	lole					
			_		-	—:					
			_		_						
			_								
			_		_		l Th	e informati	on provide	ed is the	true and
	_					_ *	cor		of tests		
						- Mi	h I bei		der my pe		
TOTAL OF I	MIN / IN	۱ →			=		or	verified in a	manner a	pproved by	DEP.
TOTAL NO.							(8)	Sey	age Enforce	ment Officer	el
☐ White - Local Agency				☐ Yello	w - Applica		☐ Pink - Local DEP Office				

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SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

Application I Site Location SUITABLUNSUITA	n <u>Lot 2</u> .E	9 - Test Soil Ty	Pit # 342 /pe Wk ttling	Slope _	% Ponded Wa	Depth to Li	Subdivision imiting Zon ledrock [Name <u>Est</u> e <u>19 inche</u> Fracture	ates at Col s Ave. P s 🗵 C	ony Park erc. Rate coarse Fra	gments			
SOILS DES	CRIPT							,						
Soils Descri	ption C	omplete	d by: BEC	CS, Inc., Col	lin M. Brand	d, P.G., P.S	S.S., S.E.O	D	ate: Septer	nber 22, 2	005			
Inches						Descrip	otion of Ho	orizon						
TO	0 TO 12 Ap 10YR4/3 channe					ery silt loam, friable, weak subangular blocky structure								
12 T	2 TO 19 Bw1 10YR5/6 channery silt loam, friable, weak subangular blocky structure													
19 TO	0 _ 24	1	Bw2/Cr	10YR5/4 ve	ry channer	y silt loam/	channers, f	riable, wea	k subangul	ar blocky s	tructure			
то	o		Limiting	Zone - 19 ir	nches open	voids								
то	0													
то														
PERCOLAT Percolation			d bv:					D	ate:					
Weather Co Soil Condition	ndition	s: 🗆	Below 40		°F or abov				ow (last 24					
		***	Doodles	Reading	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
Hole No.	Yes	No	Reading Interval	No. 1: Inches of drop	No. 2: Inches of drop	No. 3: Inches of drop	No. 4: Inches of dros	No. 5: Inches of drop	No. 6: Inches of drop	No. 7 Inches of drop	No. 8: inches of drop			
			10/30											
			10/30											
			10/30											
			10/30											
			10/30											
			10/30											
***Water remai	ning in th	ne hole at	the end of the	he final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10	-minute interv	al.				
(Calcula	tion of	Average	Percolation	Rate:									
Hole No.		p during al period		rc. Rate as inutes/Inch	De of H									
TOTAL OF I					. =	. M	in cor	rect result	on provide of tests der my pe manner ap	conducted rsonal sup	by me, pervision,			
							. (Sei	wage Enforcer					
White - Local Agency				Yello	w - Applica	ent	☐ Pink - Local DEP Office							