□ White - Local Agency

0/2003 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECT

DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT



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

							ty Plainfield Township County Northampton						
Site Location Lot 11 - Test Pit # 354 Subdivision Name Estates at Colony Park SulTABLE Soil Type Br. Slope% Depth to Limiting Zone 21 inches Ave. Perc. Rate 9.3													
☐ UNSUITABLE ☐ Mottling ☐ Seeps or										_			
		☐ Per	c. Rate	☐ Slope	Unstab	ilized Fill	☐ Floods	olain 🗌 O	ther				
SOILS DESC Soils Descrip			d by: BEC	S, Inc., Col	in M. Brand	J. P.G., P.S	.S., S.E.O.	D:	ate: Septer	nber 22, 20	005		
Inches					Description of Horizon								
0 TO 15 Ap 10YR4/3 channe				ry silt loam, friable, moderate granular structure									
15 TO	TO 21 Bw1 10YR5/4 chan			/R5/4 chann	nery silt loam, friable, weak subangular blocky structure								
_+21 TO		_	Bw2/Cr	10YR5/4 vry	chnnry silt	loam/char	ners, very	friable, we	ak subangu	ılar blocky	structure		
то		_	Limiting	Zone - 21 ir	nches open	voids							
то		_											
то		_	Confirm	ing Test Pit	# 355 - 20	inches ope	n voids						
DEDCOLATI	ONTE	от.											
PERCOLATI Percolation			bv: BEC	S. Inc., Rva	n S. Detwe	iler		D	ate: Novem	ber 22, 20	05		
Weather Co						S. Detweiler Date: November 22, 2005 For above Dry Rain, Sleet, Snow (last 24 hours)							
Soil Conditio	ns:			Dry 🔲									
				Reading	Reading	Reading	Reading	Reading	Reading	Reading	Reading		
Hole No.	Yes	No	Reading Interval	No. 1:	No. 2:	No. 3:	No. 4:	No. 5:	No. 6: inches of drop	No. 7 Inches of drop	No. 8:		
1	x	140	10/30	Inches of drop 5,375	Inches of drop 4.875	5	5.25	4.5	4,5	3.875	inches of drop		
2	х		10/30	4.25	4.125	4.25	4.125						
3	х		10/30	2.5	2.125	2	2.125	2					
4	х		10/30	3,25	3	2,5	2.375	2.375	2.5				
5	.х		10/30	4.5	4	3.625	4.125	2.625	4.125	4.25	4,25		
6	×		10/30	4,625	4.375	4.25	4.25	4.25					
***Water remain	ning in th	e hole at	the end of the	he final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10	-minute interv	ral.			
	alcula	tion of	Average	Percolation	Rate:								
		p during		rc. Rate as		pth							
Hole No.	fina	l period	м ' <u>7.5</u>	inutes/Inch	12	lole .							
2	4,125			7	12								
2						—.							
3				15		12 "							
-	2.5			12				The information provided is the true and					
0	4.25			7.06		12 Min		correct result of tests conducted by me, performed under my personal supervision,					
TOTAL OF I	<u>4,25</u> MIN / IN			39		= 9.32 Inch		or yerified in a manner approved by DEP.					
TOTAL NO. OF HOLES→ 6							(\$)		16	8 (gl			
								Sø	wage Enforce	ment Officer			

☐ Yellow - Applicant

Pink - Local DEP Office



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 Municipality Plainfield Township County Northampton												
Site Location Lot 11 - Test Pit # 321 Subdivision Name Estates at Colony Par												
SUITABLE Soil Type Br Slope% Depth to Limiting Zone 30 inches Ave. Perc. Rate 7.27												
□ UNSUITABLE □ Mottling □ Seeps or Ponded Water □ Bedrock □ Fractures □ Coarse Fragments												
		Per	c. Rate	☐ Slope	☐ Unstab	ilized Fill	☐ Floods	olain 🗌 O	ther			
SOILS DESCRIPTION:												
Soils Description Completed by: BECS, Inc., Joseph W. Corona, M.S., P.S.S. Date: September 20, 2005												
Inches	s					Descrip	otion of Ho	rizon				
0 TO 11 Ap 10YR4/3 gravelly silt loam, friable, weak granular structure												
11TC	11 TO 20 Bw 10YR5/6 very gravelly silt loam, friable, weak subangular blocky structure											
+20 TO		_	Cr ex	tremely grav	velly open v	oids/						
то		_	Limiting	Zone - 30 ir	nches open	voids						
то	o	_										
то		_	Confirm	ing test pit #	354 - 21*	open voids						
PERCOLAT	ION TE	ST:										
Percolation *			d by: BEC	S, Inc., Rya	n S. Detwe	iler		D	ate: Novem	ber 22, 20	05	
Weather Co				°F		e 🗌 Dry	☑ Rair	n, Sleet, Sn	ow (last 24	hours)		
Soil Condition	ns:	\boxtimes	Wet _	Dry	Frozen							
				Reading	Reading	Reading	Reading	Reading	Reading	Reading	Reading	
Hole No.	Yes	No	Reading Interval	No. 1: Inches of drop	No. 2:	No. 3: Inches of drop	No. 4:	No. 5:	No. 6: Inches of drop	No. 7	No. 8:	
1	100	x	10/30	3.25	3	2	2.5	2.75	1.5	1.875	1.75	
2		×	10/30	3.125	3.5	2.25	2.5	2	2.5	2,5	2.875	
3		×	10/30	6+	6+	6+	6+	6+	6+	6+	5.875	
4	x		10/30	4.25	3.875	3.75	3.625	3.375	3.375	3.25	3.25	
5	х		10/30	2.375	1.75	1.625	1.5	1.625				
6		,x	10/30	2.75	3	2	2.25	2	1.625	2	2	
***Water remain	ning in the	e hole at	the end of the	ne final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10	-minute interv	val.		
	Calculat	tion of	Average	Percolation	Rate:							
Hala Na		during		rc. Rate as		pth						
Hole No.	1.75	l period		inutes/Inch		lole "						
2	2.875					— .						
3					_							
4				9.23		13 "						
5				13				ion provide				
6	1.625 18.46 2 5			13	Min							
TOTAL OF N	MIN/IN			59	= 7.27		or		manner a			
TOTAL NO.	TOTAL NO. OF HOLES→ 6 (S)											
		Sewage Enforcement Officer										

☐ Yellow - Applicant

Pink - Local DEP Office



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 Municipality Plainfield Township County Northampton Site Location Lot 11 - Test Pit # 322 Subdivision Name Estates at Colony Park SUITABLE Soil Type Br Slope % Depth to Limiting Zone 24 inches Ave. Perc. Rate 3.97 UNSUITABLE Mottling Seeps or Ponded Water Bedrock Fractures Coarse Fragments Perc. Rate Slope Unstabilized Fill Floodplain Other											
SOILS DESCRIPTION: Soils Description Completed by: BECS, Inc., Joseph W. Corona, M.S., P.S.S. Date: September 20, 2005 Description of Horizon											
Inches	3										
TC	12	_	Ap 10YR4/3 gravelly silt loam, friable, weak granular structure								
12 TO	24	_	Bw 10YR5/6 very channery silt loam, friable, weak subangular blocky structure								
_+24 TO		Cr extremely channery open voids									
то		_	Limiting	Zone - 24 ir	nches open	voids					
то											
TO			confirmi	ng test pit #	359 - 22" (open voids					
	_		COMMITTEE	ng toot pit if	000 - EE (7001 1 0103					
PERCOLATION TEST: Percolation Test Completed by: BECS, Inc., Ryan S. Detweiler Weather Conditions: Below 40°F 40°F or above Dry Rain, Sleet, Snow (last 24 hours) Soil Conditions: Wet Dry Frozen											
Hole No.	Yes I	No No	Reading	Reading No. 1: Inches of drop	Reading No. 2:	Reading No. 3: Inches of dros	Reading No. 4: Inches of drop	Reading No. 5: Inches of drop	Reading No. 6: Inches of drop	Reading No. 7 Inches of drop	Reading No. 8: Inches of drop
1	700	×	10/30	3.25	2.375	2.375	2.25	2.125			
2		×	10/30	3.125	2.5	2.25	2.25	2.25			
3		х	10/30	6+	6+	6+	6+	6+	5.5	5.375	5,25
4		×	10/30	2.75	2.625	2.5	2.125	2.25	2.125	2	
5		х	10/30	3.5	3.25	2.625	2.375	2.25	2.25	2.125	
6		х	10/30	5.25	4.375	4	3,5	3.375	3.375	3.25	
***Water remail	ning in the	hole at	the end of the	he final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10	-minute interv	ral.	
(Calculat	ion of	Average	Percolation	Rate:						
Hole No.		during period		rc. Rate as inutes/Inch		pth łole					
1	2.125		4.7		14						
2	2,25		4.4		14						
3	5.25		1.9		14						
4	2		5		14		Th	e informat	ion provide	ed is the	true and
5	2.125		4.7	4.7		— · "	, cor	correct result of tests conducted by me			
6	3.25		3.1		_ 14	" <u>ln</u>	ch pe	performed under my personal supervision, or verified in a manner approved by DEP.			
TOTAL OF	MIN / IN	-	23.8	3	= 3.97		19	verilled in a	// C	1	1
TOTAL NO. OF HOLES→ 6 (S) Sewage Enforcement Officer											

☐ Yellow - Applicant

☐ Pink - Local DEP Office



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 N	Application No Municipality Plainfield Township County Northampton											
Site Location Lot 11 Test Pit #3002 Subdivision Name Estates at Colony Park												
SUITABLE Soil Type Wk Slope% Depth to Limiting Zone 20" inches Ave. Perc. Rate												
☐ UNSUITABLE ☐ Mottling ☐ Seeps of										-		
		☐ Per	c. Rate	Slope	☐ Unstab	ilized Fill	Flood	plain 🔲 O	ther			
SOILS DESCRIPTION: Soils Description Completed by: BECS Inc., Colin M. Brand, P.G., P.S.S., S.E.O. Date: March 9, 2006												
Inches					Description of Horizon							
0 TO	TO 12 Ap 10YR4/3 channery silt loam, friable, moderate granular structure											
12 TO	O21Bw1 10YR5/6 channery silt loam, friable, weak subangular blocky structure											
_+21 TO		_	Bw2/Cr	10YR5/4 ve	ry channer	y silt loam,	friable, ver	y friable, w	eak subanc	gular		
то		_	blocky s	tructure / ex	tremely ch	annery ope	n voids					
то		_	Limiting	Zone - 20 ir	ches open	voids						
то		_										
DEDOO! AT	ONITE	OT.										
PERCOLATI Percolation 7			by: BEC	S. Inc., Rva	n S. Detwe	iler		D	ate: March	10. 2006		
Weather Cor				°F 🛛 40								
Soil Conditio				Dry 🔲		,		., 0.004, 0		,		
		1		Pasting	Passing	Reading	Reading	Reading	Reading	Reading	Reading	
		-	Reading	Reading No. 1:	Reading No. 2:	No. 3:	No. 4:	No. 5:	No. 6:	No. 7	No. 8:	
Hole No.	Yes	No	Interval		Inches of drop 3.375	Inches of drop 3.125	3.125	Inches of drop	Inches of drop	inches of drop	Inches of drop	
2	x		10/30	3.375 5.50	5.50	5.125	4.75	4,875	4.75	4.75		
3	x		10/30	2.50	2.625	2.75	2.75			1.75		
4	×		10/30	3.0	2.75	2.875	2.625	2.75				
5	х		10/30	3.375	3.375	3.25	3.25	-				
6	×		10/30	3.875	3.875	3.50	3.50	3.50	3.375			
***Water remain	ning in th	e hole at	the end of th	ne final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10	-minute interv	ral.		
c	Calculat	tion of	Average	Percolation	Rate:							
		p during		rc. Rate as		pth						
Hole No.	3.125	period	м 9.6	nutes/Inch	12	łole "						
					12							
2	4.75			6.32		 .						
3	2.75			10.91		12 "						
<u>4</u>	2.75			9.23		— .		The information provided is the true and correct result of tests conducted by me,				
5	3.25 3.375		8.89		12 12	M	in cor			conducted ersonal sup		
TOTAL OF N				6	= 9.31		or or			pproved by		
TOTAL NO.			6		5.51		(\$)	0	At I.	8 (de	e	
	2						1 11	Sw	wane Eminane	ment Officer	-	

☐ Yellow - Applicant

☐ Pink - Local DEP Office