

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 I	No				Municipality Plainfield Township County Northampton								
Site Location					Subdivision Name Estates at Colony Park								
SUITABLE Soil Type Bo Slope% Depth to Limiting Zone +33 inches Ave. Perc. Rate 20.07									20.07				
UNSUIT/	ABLE		_			onded Water Bedrock Fractures Coarse Fragments							
		☐ Per	c. Rate	☐ Slope	Unstab	ilized Fill	☐ Floods	olain 🗌 O	ther				
SOILS DES			4 b DEC	20 1 1			D.C.C.		-t Ct		NAE		
Soils Descri		ompiete	a by: BEC	S, Inc., Jos	epn w. Co				ate: <u>Septer</u>	nber 20, 20	NO		
Inche				2410	Description of Horizon								
O TO	55		Ap 10Y	44/3 graveli	ly silt loam, friable, weak granular structure								
	O20 Bt1 10YR5			R5/6 channery silt loam, friable, weak subangular blocky structure									
	O 33 Bt2 10			0YR5/6 very channery silt loam, friable, weak-moderate subangular blocky structure									
то		_	No Limi	lo Limiting Zone to 33 inches									
т	o	_											
то	o	_	Confirm	ing test pit #	336 - 35*	bottom of p	oit						
PERCOLAT Percolation			d by: BEC	S, Inc., Ry	an S. Detw	eiler		D	ate: Novem	ber 10, 20	05		
Percolation Test Completed by: <u>BECS, Inc., Ryan S. Detweiler</u> Weather Conditions: ☐ Below 40°F ☐ 40°F or above ☐ Dry ☐ Rain, Sleet, Snow (last 24 hours) Soil Conditions: ☐ Wet ☐ Dry ☐ Frozen													
				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 drop	No. 5: Inches of drop	No. 6: Inches of drop	No. 7 Inches of drop	No. 8: Inches of drop		
1	х		10/30	4.125	3.75	3.5	3.25	3.25	3	3			
2	x		10/30	.75	.75	.625	.5						
3	х		10/30	4.25	3.75	3.5	3.125	3,25	3.125	3.125			
4	х		10/30	3.625	3.125	3	2.625	2.875	2.5	2.625	2.625		
5	х		10/30	2.375	1.875	1.875	1.625	1.625					
6	x		10/30	3.625	3	3	2.75	2.75	- 14				
***Water remai	ning in th	e hole at	the end of t	he final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10	-minute interv	/al.			
(Calcula	tion of	Average	Percolation	Rate:								
Uele Ne				rc. Rate as		pth							
Hole No.	ina 3	l period		inutes/Inch		lole							
2					20								
2	3.125				20								
4	2.625			9.6 11.43		20 "							
5	1.625			18.46		20		The information provided is the true and correct result of tests conducted by me,					
6	2.75		10.9		20 Min		in Der	performed under my personal supervision,					
TOTAL OF MIN / IN → 120.4				or verified in a mann									
TOTAL NO. OF HOLES→ 6			_ <u>EV.</u> V		(\$)	· Ch	15.	Ylol					
					-			Se	vage Emorce	ment Officer			

Yellow - Applicant

☐ Pink - Local DEP Office



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Application No Municipality Plainfield Township County Northampton														
Site Location Lot 7 - Test Pit # 336 Subdivision Name Estates at Colony Park														
SUITABLE Soil Type Bo Slope% Depth to Limiting Zone +35 inches Ave. Perc. Rate 16.90														
UNSUITABLE														
		☐ Per	c. Rate	☐ Slope	☐ Unstab	ilized Fill	Flood	plain 🔲 O	ther					
SOILS DESC			d bv: BEO	CS. Inc., Jos	eph W. Co	rona. M.S.	P.S.S.	D	ate: Septer	mber 20. 20	005			
Soils Description Completed by: <u>BECS, Inc., Joseph W. Corona, M.S., P.S.S.</u> Date: <u>September 20, Description of Horizon</u>										11001 20, 21				
O TO	0 TO 9 Ap 10YR4/3 gravelly					y silt loam, friable, weak granular structure								
_ 9 TO				R5/6 very-ex	extremely gravelly silt loam, friable, weak subangular blocky structure									
25 TO	35		Bt2 10YR5/4 gravelly silt loam, friable-firm, moderate subangular blocky structure											
			No Limiting Zone to 35 inches											
	\equiv			The second secon										
TO														
		_	Committee	mg 10001 A	# 000 EE	Open rolu								
PERCOLAT			DEO	O I D				_						
Percolation ** Weather Co											05			
Soil Condition)°F ⊠ 40]Dry □ 1		е 🗆 ыу	⊠ Rair	i, Sleet, Sn	ow (last 24	nours)				
0011 00110110				,,										
		••	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			inches of drop				
1	х		10/30	3	2.75	2.75	2.75							
2	x		10/30	1,75	1.75	1.75	1.75							
3	х		10/30	1.125	.875	.875	.875							
4	х		10/30	5.25	4.5	4.375	4	3.75	3.75	3.5	3.375			
5	х	_	10/30	2.75	2.25	2.25	2.125	2.125						
6 ***Water remain	x ning in th	e hole at	10 / 30 the end of the	2.375 ne final 30-min	2.125 ute prespak?	2.125 Yes, use 30-	1.875	1.875	-minute inten	(a)				
				Percolation				n, 140, 000 10	THE IGO STREET	· dan				
	Dro	during	Pe	rc. Rate as	De	pth								
Hole No.		period		nutes/Inch	of H									
1	2.75		10.9	1	14	:								
2	1.75		17.14		14									
3	.875		34.29		14 "									
4	3.375		8.89		14*		The	The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by DEP.						
5	2.125		14.18		14*		cor							
6	1.875		16		14 " Mir		n per							
TOTAL OF MIN / IN →		104.	41	= 16.9		or	verified in a	manner a	pproved by	DEP.				
TOTAL NO.	LES→	6				(5)		vage Enforce	ment Officer					

Yellow - Applicant

☐ Pink - Local DEP Office

3800-FM-WSWM0290A Rev. 10/2003



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

Application I	No				Municipali	ty <u>Plainfield</u>	d Township)	County No	rthampton				
Site Location	n Lot 7	- Test P	it # 335			:	Subdivision	Name Est	ates at Col	ony Park				
SUITABL	.E	Soil Ty	pe <u>Br</u>	Slope _	%	Depth to L	imiting Zon	e 22 inche	Ave. P	erc. Rate_				
☐ UNSUITABLE ☐ Mottling ☐ Seeps or Ponded Water ☐ Bedrock ☐ Fractures ☐ Coarse Fragments									gments					
		☐ Per	c. Rate	☐ Slope	Unstab	ilized Fill	☐ Flood	plain 🗌 O	ther					
SOILS DES			d by: BEC	S. Inc., Jos	eph W. Co	rona. M.S.	P.S.S.		ate: Senter	mber 20, 20	005			
Inches					seph W. Corona, M.S., P.S.S. Date: September 20, 2005 Description of Horizon									
				ravelly silt loam, friable, weak granular structure										
8 TO	TO 22 Bw 10YR5/6 very ch					nannery silt loam, friable, weak subangular blocky structure								
_+22 To	TO Cr extremely grav			velly open voids										
т	o	_	Limiting	Zone - 22 ir	ne - 22 inches open voids									
то	o	_												
т	0	_												
PERCOLAT Percolation			d by:					D	ate:					
Weather Co)°F										
Soil Condition				Dry 🗍		о <u>п</u> о.,		, 0,00, 01	ion (last 2-	Tiours)				
		•••	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									
			10/30											
			10/30											
			10/30											
			10/30											
			10/30											
			10/30											
***Water remai	ning in th	e hole at	the end of the	ne final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10	-minute interv	al.				
(Calcula	tion of	Average	Percolation	Rate:									
		p during		rc. Rate as	De									
Hole No.	fina	l period	. М	nutes/Inch	of H	lole								
			_		_	—								
	_		_		_	—								
			_		-	`								
			_		_		Th	e informati	ion provide	ed is the	true and			
			_		_	— ` "	co	rrect result	of tests	conducted	by me,			
			_		_	- M	ch I he		der my pe					
TOTAL OF	MIN / IN	٧ →					or	verified in a	manner a	pproved by	DEP.			
TOTAL NO. OF HOLES→				Sewage Enforcement Officer										
☐ White - Local Agency				☐ Yellow - Applicant ☐ Pink - Local DEP C					EP Office					