3800-FM-WSWM0290A Rev. 10/2003

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

				OMIT LE 110						LOIDE				
Application No Municipality Plainfield Township County Northampton														
Site Location Lot 27 - Test Pit # 313 Subdivision Name Estates at Colony Park SulTABLE Soil Type Br Slope % Depth to Limiting Zone 20 inches Ave. Perc. Rate 10.32														
	Soil Ty	pe <u>Br</u>	_ Slope _	%	Depth to Lir	miting Zon	e 20 inches	_ Ave. Po	erc. Rate 1	0.32				
UNSUITABLE														
		☐ Per	c. Rate	∐ Slope	Unstab	lized Fill	☐ Flood	otain 🔲 O	tner					
SOILS DESC	CRIPTIC	DN:												
Soils Descrip	tion Co	mplete	d by: BEC	S, Inc., Jose	eph W. Cor	rona, M.S.,	P.S.S.	D	ate: <u>Septen</u>	nber 20, 20	05			
Inches	3			Description of Horizon										
0 TC	TO8 Ap 10YR4/3 very gravelly silt loam, friable, weak granular structure													
8 TC	O20 BwC 10YR5/8 ve				y-extremely channery silt loam, friable, weak subangular blocky structure									
_+20 TO		_	Cr extre	mely channe	ery open vo	ids								
то		_	Limiting	Zone - 20 ir	nches open	voids								
то		_												
то			confirmi	ng test pit#	343 - 20"	open voids								
PERCOLAT			pro	O lee lee!	Datual			В	oto: Novom	hor 11 20	ne.			
						For above Dry Rain, Sleet, Snow (last 24 hours)								
Weather Condition				Dry		e 🖾 Diy	□ Raii	1, 01001, 011	OW (last 24	nours)				
COII COTTOLIC				, ,										
	•	.	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	3.5	3.375	3.375	3.25							
2	X		10/30	2.625	2.625	2.5	2.25	2.25	2.375					
3	х		10/30	1.75	1.75	1.875	1.75	- 2						
4		х	10/30	5.25	4.5	4,625	4.5	4.5						
5	х		10/30	2.25	2.25	2	2	-						
6		Х	10/30	2.25	1.875	1.625	1.75	1.75						
***Water remai	-					Yes, use 30-	minute interv	al; No, use 10	-minute interv	/81.				
(Calculat	ion of	Average	Percolation										
		during		rc. Rate as		pth fole								
Hole No.	3,25	period		inutes/Inch 3										
				33	12									
2	2.375													
3	1.75					_:								
4	4.5		2.2 15		12			The information provided is the true and correct result of tests conducted by me, performed under my personal supervision,						
5														
<u> </u>	1.75				_ 12		or or	or verified in a manner approved by DEP.						
TOTAL OF)		02	1	Ja	40	10	00			
TOTAL NO.	OF HO	LES→	6		-		(8	Se	wage Enforce	ment Officer				

Yellow - Applicant

Pink - Local DEP Office

■ 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 N	No				Municipality Plainfield Township County Northampton									
Site Location	Lot 27	- Test	Pit # 344			Subdivision Name Estates at Colony Park								
☐ SUITABL						% Depth to Limiting Zone 20 inches Ave. Perc. Rate 7.90								
	ABLE										_			
		☐ Per	c. Rate	☐ Slope	Unstab	ilized Fill	☐ Flood	plain 🔲 O	ther					
SOILS DESC	CRIPTIC	ON:												
Soils Description Completed by: BECS, Inc., Colin M. Brand, P.G., P.S.S., S.E.O. Date: September 22, 2005										005				
Inches Description of Horizon														
0 TO	0 TO 9 Ap 10YR4/3 channe					ry silt loam, friable, weak granular structure								
9 TO	TO17 Bw 10YR5/6 very ch				annery silt	annery silt loam, friable, weak subangular blocky structure								
17 TO	20	_	<u>C 10YR</u>	5/4 extreme	ly channer	y silt loam,	friable, stru	ctureless						
то		_	Limiting	Zone - 20 ir	nches open	voids								
то		_												
то		_	Confirm	ing Test Pit	# 358 - 22	2 inches op	en voids							
PERCOLATION TEST: Percolation Test Completed by: BECS, Inc., Joshua Detweiler Weather Conditions: Below 40°F 40°F or above Dry Rain, Sleet, Snow (last 24 hours) Soil Conditions: Wet Dry Frozen								05						
		••	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	X		10/30	3.625 1.875	3.75 1.75	3.25 1.625	3.25 1.625	3	3.25					
3	X		10/30	4.5	4.375	4.125	4	3.875	3.75	3,75	-			
4	x	×	10/30	2.5	2.25	2.125	2	2	3.75	3,75				
5		×	10/30	6+	4.5	3.75	3.875	3.75	3.75					
6		×	10/30	3.5	2.75	2.625	2.625	2.5						
***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	ral.				
	alculat	ion of	Average	Percolation	Rate:									
	Drop	during	Pe	rc. Rate as		pth								
Hole No.		period		inutes/Inch		lole								
1	3.25		9.23		12									
2	1.625			16										
3	3.75		8		12	—:								
4	2 5			12		Th	e informati	ion provide	ed is the	true and				
5	3.75 " 2.7			12	— ' "	cor	The information provided is the true and correct result of tests conducted by me,							
6	2.5		4_		12	. M	AL DE	formed un	der my pe	ersonal sup	ervision,			
TOTAL OF MIN / IN → 47.39				39	= 7.90		/	verified in a	manner a	2/1	NO.			
TOTAL NO.	OF HO	LES→	6				(\$)	Ser	wage Enlance	ment Officer	~			

Yellow - Applicant

Pink - Local DEP Office

3800-FM-WSWM0290A - Rev. 10/2003



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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	No				Municipal	ity <u>Plainfield</u>	Townshi	р	County No	rthampton			
Site Location	Lot 27	7 Test P	it # 343			8	Subdivisio	n Name <u>Est</u>	ates at Col	ony Park			
SUITABL		-											
UNSUIT/	ABLE		_	_									
		☐ Per	c. Rate	□ Slope	Unstal	bilized Fill	☐ Floo	dplain 🗌 O	ther				
SOILS DES			d by: BEC	CS, Inc., Col	in M. Bran	d, P.G., P.S	.S., S.E.	D D.	ate: Septer	nber 22, 20	005		
Inches					Description of Horizon								
0 TO 9 Ap 10YR4/3 channe				ery silt loam, friable, moderate subangular blocky structure									
9TC	9 TO 16 Bw1 10YR5/4 channery silt loam, fria						able, weak subangular blocky structure						
16 TO	020)	Bw2 10	YR5/4 very o	channery s	ilt loam, ver	y friable,	weak suban	gular block	y structure			
то		_	Limiting	Zone - 20 ir	nches ope	n voids							
то	o												
то	o	_				7.							
PERCOLAT	ION TE	ST.											
Percolation	Test Co	omplete						D	ate:				
Weather Co Soil Condition)°F		ve □ Dry	☐ Ra	nin, Sleet, Sn	ow (last 24	hours)			
		•••	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 do	op Inches of drop	Inches of drop	Inches of drop	Inches of drop		
		_	10/30			-	_	+					
			10/30			_		_		_			
			10/30										
	_		10/30					_			-		
			10/30					+					
***Water remai	ning in th	ne hole at	10 / 30 the end of ti	he final 30-min	ute presoak?	Yes, use 30-	minute inte	rval; No, use 10	-minute inten	val.			
	-			Percolation									
Hole No.		p during	,	erc. Rate as inutes/Inch		epth Hole							
	_		_										
			_										
			_			^							
			_		_		т	he informat	ion provide	ed is the	true and		
			_			— " "	. 0	orrect result	t of tests	conducted	by me,		
			-			" ln	ch IP	erformed un r verified in a					
TOTAL OF	MIN / II	\rightarrow					ľ°	yerilleh in a	a manner a	2 A	A 0		
TOTAL NO.	OF HO	DLES→	_		-		(3	Se Se	vage Enforce	ment Officer			
☐ White -	Local A	gency			☐ Yel	low - Applic	ant		☐ Pink	- Local D	EP 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 N	No				Municipali	ty Plainfield	Township		County No	rthampton	
Site Location	Lot 27	- Test	Pit # 358			:	Subdivision	Name Est	ates at Col	ony Park	
SUITABL	.E	Soil Ty	pe Br	Slope _	%	Depth to Li	miting Zon	e 22 inches	Ave. P	erc. Rate_	
UNSUITA	ABLE		-								
		☐ Per	c. Rate	Slope	Unstab	ilized Fill	Flood	plain 🗌 O	ther		
SOILS DESC			d by: BEC	CS, Inc., Col	in M. Brand	J. P.G., P.S	S.S., S.E.O.	D	ate: Octobe	er 5, 2005	
Inches			,				otion of Ho				
O TO	0 TO 10 Ap 10YR4/3 very channery silt loam, friable, weak granular structure										
10 TO	TO										
_+22 TO		_	Bw2/Cr	10YR5/4 ve	ry chan silt	loam/chan	ners, very	friable, wea	ak subangu	lar blocky :	structure
то			Limiting	Zone - 22 ir	nches open	voids					
то	o										
то											
PERCOLAT Percolation			bv:					D	ate:		
Weather Co)°F							
Soil Condition				Dry 🔲		,		,, 0.000, 0.1		,	
		.	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								
***Water remain	ning in the	e hole at t		he final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10	-minute interv	al.	
	alculat	tion of	Average	Percolation	Rate:						
		during		rc. Rate as		pth					
Hole No.	tina	period	M	inutes/Inch	of F	łole					
					_						
					_		The	e informati	ion provide	d is the	hrue and
			_		_	— · "	cor	rect result	of tests	conducted	by me,
			-		_	* Ins	h per		der my pe manner a		
TOTAL OF N			_				/	1.	1	21.	00
TOTAL NO.	OF HO	LES→	-		-		(S)		wage Enforce	ment Officer	
									-		

☐ Yellow - Applicant

☐ Pink - Local DEP Office