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 9 -	Test Pi	t#347			\$	Subdivision	Name Esta	ates at Colo	ny Park_	
SUITABL	E	Soil Ty	pe <u>Br</u>	_ Slope _	%	Depth to Li	miting Zon	e 28 inches	_ Ave. Pe	erc. Rate 1	7.11
UNSUITA	BLE	☐ Mot	tling [Seeps or P	onded Wa	ter 🗌 B	edrock [Fractures	i ⊠ c	oarse Frag	ments
		☐ Perd	c. Rate	☐ Slope	☐ Unstab	ilized Fill	☐ Floods	olain 🗌 O	ther		
SOILS DESC	CRIPTIC	ON:		0.1 0-1	- M D			D	oto: Conton	her 22, 20	
Soils Descrip		mplete	by: BEC	S, Inc., Col	n M. Brand				ate: <u>Septen</u>	iber 22, 20	05
Inches						-	tion of Ho				
0 TO	0 TO 11 Ap 10YR4/3 channery silt loam, friable, moderate granular structure										
11 TO	TO 28 Bw1 7.5YR5/6 channery silt loam, friable, moderate subangular blocky structure										
28 TO	O 36 BC/Cr 10YR5/4 vry chnnry silt Im/chnnrs, vry frble, wk subangular blocky structure, strctrless								rctrless		
то		_	Limiting	Zone - 28 ir	nches open	voids					
то		_									
то		_	Confirm	ing test pit#	330 - no lir	niting zone	to 29 inch	es			
PERCOLAT Percolation			lbv: BEC	S Inc. Pun	n S Debue	ilor		D	ate: Novem	her 10, 20	05
Weather Co			Below 40			e Dry			ow (last 24		-
Soil Conditio				Dry		о Цију	NA LYON	1, 01601, 011	ow (last z-	nours)	
0011 00110100				,,							
		•	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	5.75	5.875	5.75	5.625	- 1			
2		х	10/30	1.875	1.625	1.5	1.5	1.375			
3	×		10/30	2.875	2,5	2,375	2.25	2.25			
4	×		10/30	.625	.625	.5	.5				
5	×		10/30	3.875	3.5	3.25	3.125	3.25	3		
6		x	10/30	2.5	1.625	1.625	1.5	1.5			
***Water remail	ning in the	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.	
(Calculat	ion of	Average	Percolation	Rate:						
		during		rc. Rate as		pth					
Hole No.		period		inutes/Inch	20	lole .					
1	5.625		5.33			—.					
2	1.375					—.					
3	2.25			33							
4	.5	_	60						ion provide		
5	3				20_	M	la no		t of tests der my pe		
6	1.5		6.7		20	ln	ch Po		manner a		
TOTAL OF	MIN / IN	→	102	.66	= 17.1	1	/	1.	115	21	00
TOTAL NO.	TOTAL NO. OF HOLES→ 6 Sewage Enforcement Officer										

☐ Yellow - Applicant



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 9 - Test Pit # 348 Subdivision Name Estates at Colony Park SUITABLE Soil Type Br Slope % Depth to Limiting Zone 23 inches Ave. Perc. Rate 7.12 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., Colin M. Brand, P.G., P.S.S., S.E.O. Date: September 22, 2005												
	Inches Description of Horizon											
O TO												
TC	18	18 Bw1 7.5YR5/6 very channery silt loam, friable, weak subangular blocky structure										
18 TO	D 23 Bw2 10YR5/6 extremely channery silt loam, friable, weak subangular blocky structure											
_+23 TO		_	BC/Cr 1	0YR5/4 extr	emely char	nery silt lo	am/chan	ners, friable,	structurele	ss		
то		_	Limiting	Zone - 23 ir	nches open	voids						
то		_	Confirm	ing Test Pit	#349 - 21 i	nches oper	voids					
PERCOLATION TEST: Percolation Test Completed by: BECS, Inc., Ryan S. Detweiler Date: March 10, 2006 Weather Conditions: Below 40°F 40°F or above Dry Rain, Sleet, Snow (last 24 hours) Soil Conditions: Wet Dry Frozen												
Hole No.		 No	Reading Interval	Reading No. 1:	Reading No. 2:	Reading No. 3:	Reading No. 4:	Reading No. 5: op Inches of drop	Reading No. 6:	Reading No. 7	Reading No. 8:	
noie No.	Yes	X	10/30	inches of drop 2.50	Inches of drop 2.625	2,375	2.375	- up incres or drop	mones or crop	incres or onep	inches of drop	
2	x		10/30	4.50	4.375	4.125	4.125	4.25				
3	х		10/30	3.125	3.125	3.0	3.0					
4	x		10/30	4.625	4.50	4.50	4.50	- 8				
5	х		10/30	4.125	4.125	4.25	4.125	-				
6	х		10/30	5.25	5.125	4,50	4.375	4.375	4.0	4.0	4,0	
***Water remai	-					Yes, use 30-	minute inte	rval; No, use 10	-minute interv	ral.		
(-	Percolation								
Hole No.		p during I period		rc. Rate as inutes/Inch		pth łole						
1	2.375		4.2		13							
2	4.25			3	13	-						
3	3.0		10		13		_					
4	4.5		6.67		13		١,	he informati	ion provide	ad ie the	true and	
5	4.125	j	7.27		13			The information provided is the true and correct result of tests conducted by me,				
6	4.0		7,5		13	- M	ch p	performed under my personal supervision, or verified in a manner approved by DEP.				
TOTAL OF	MIN / IN	1 →	42.7	,	= 7.12		0	r yerified in a	manner a	pproved by	OEP.	
TOTAL NO. OF HOLES→ 6 (S) Sewage Enforcement Officer												

☐ Yellow - Applicant

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 Site Location SUITABL	Lot 9 -	Test P Soil Ty ☐ Mot	it # 331 pe <u>BoV</u> tling	_ Slope _	% [Depth to Lin	ubdivision miting Zon edrock [Name <u>Esta</u> e <u>33 inches</u> Fractures	ates at Colo Ave. Po Market	ony Park erc. Rate <u>1</u> oarse Frag	7.11 gments
SOILS DESC Soils Descrip Inches	otion Co	omplete				Descrip	tion of He	orizon		ber 20, 20	105
0 TO	99										
9 TO	20	_	Bt1 7.5YR5/6 channery silt loam, friable, weak subangular blocky structure								
	33 Bt2 5YR5/6 very channery silty clay loam, friable, moderate subangular blocky structure									re	
_+33 TO		_	Cr extre	mely channe	ery open vo	oids					
то)		Limiting	Zone - 33 ir	ches open	voids					
TO				na test pit #			it				
	_		COMMITTEE	ut toos but to	000 20	out on a					
PERCOLATION TEST: Percolation Test Completed by: BECS, Inc., Ryan S. Detweiler Date: November 10, 2005 Weather Conditions: Below 40°F Vertical Section Se											
Hole No.	Yes	l No	Reading Interval	Reading No. 1:	Reading No. 2:	Reading No. 3: Inches of drop	Reading No. 4: Inches of dro	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	X	140	10/30	5.75	5.875	5.75	5.625	-		,	
2		×	10/30	1.875	1.625	1,5	1.5	1.375			
3	x		10/30	2.875	2.5	2.375	2.25	2.25			
4	х		10/30	.625	.625	.5	.5				
5	х		10/30	3.875	3,5	3.25	3.125	3.25	3		
6		х	10/30	2.5	1.625	1.625	1.5	1.5			
***Water remai						Yes, use 30-	minute inten	val; No, use 10	-minute inter	val.	
(Calcula	tion of	Average	Percolation	Rate:						
Hole No.	fina	p during al period	M	rc. Rate as inutes/Inch		pth lole					
1	5.62			3		:					
2	1.37				20	-:					
3	2.25			33		:					
4					20 "			ne informat			
5	3		10		20	— . M	in Co	orrect result erformed ur	t of tests	conducted	l by me,
6	1.5		6.7		20	In	eh P	verified in a	a manner a	pproved by	DEP.
TOTAL NO.			<u>102</u>	.66	_ = <u>17.1</u> -	1	(\$	6 /2	wage Enforce	nre	e

☐ Yellow - Applicant



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

					Municipalit	y Plainfield	Townshir		County No	thampton	
Application N								n Name <u>Est</u>			
Site Location											
SUITABL UNSUITA											
UNSUITA	ABLE							Practures			
		☐ Per	c. Rate	□ Siobe	☐ Olistab	IIIZEU FIII		piairi 🗆 O	LI 161		
SOILS DESC Soils Descrip	CRIPTION CO	ON: omplete	d by: BEC	S, Inc., Jos	eph W. Co	rona, M.S.,	P.S.S.	Da	ate: <u>Septen</u>	nber 20, 20	005
Inches	8					Descrip	tion of H	orizon			
0 TO	TO Ap 10YR4/3 gravelly silt loam, friable, weak subangular blocky structure										
10 TO	24	24 Bw1 10YR5/8 very gravelly silt loam, friable, weak subangular blocky structure									
24 TO	29	29 Bw2 10YR5/6 very channery silt loam, friable, weak subangular blocky structure									
то			No Limit	ing Zone to	29 inches						
то		_									
то		_	confirmi	ng test pit#	347 - 28"	open voids	3				
PERCOLAT											
Percolation '							_		ate: Novem		05
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 dros	No. 3: Inches of drop	No. 4: Inches of dra	No. 5: p Inches of drop	No. 6: Inches of drop	No. 7 Inches of drop	No. 8: Inches of drop
1	×	110	10/30	4.125	4	3.875	3.875				
2	х		10/30	1.875	1.875	1.75	1.75				
3		х	10/30	1.75	1.125	1.25	1.125	1.125			
4	х		10/30	3.875	3,5	3.375	3.25	3	3.125	3	
5	х		10/30	5	4.75	4.625	4.375	3.875	4	4	3,875
6		х	10/30	2.5	2.5	2.375	2,25				
***Water remai	ning in th	e hole at	the end of the	ne final 30-min	ute presoak?	Yes, use 30-	minute inter	val; No, use 10	-minute interv	rad.	
(Calcula	tion of	Average	Percolation	Rate:						
		p during		rc. Rate as		pth					
Hole No.		l period		inutes/Inch	20	lole "					
1	3.875		7.74			—.					
2	1.75			4	-	—.					
3	1.125)									
4	3							he informat			
5	3.875				20	M	in P	orrect result erformed un	t of tests	conducted	by me,
6	2.25				20		쁘 8	verified in a			
TOTAL NO			<u>55.9</u>	92	= 9.32			1 10	M	. Mr	el
TOTAL NO.	TOTAL NO. OF HOLES→ 6 Sewage Enforcement Officer										

☐ Yellow - Applicant

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

Application N	No				Municipality Plainfield Township County Northampton							
Site Location	Lot 9 -	Test P	it # 348		Subdivision Name <u>Estates at Colony Park</u> Moderate Subdivision Name <u></u>							
SUITABL	E.	Soil Ty	pe <u>Br</u>	_ Slope _	%	Depth to Li	miting Zon	e <u>23 inches</u>	Ave. P	erc. Rate _		
UNSUITA	ABLE											
		☐ Per	c. Rate	☐ Slope	Unstab	ilized Fill	☐ Flood	olain 🔲 O	ther			
SOILS DESC Soils Descrip	CRIPTIO	ON: omplete	d by: BEC	S, Inc., Coli	n M. Brand	I, P.G., P.S	.S., S.E.O.	D	ate: <u>Septer</u>	nber 22, 20	005	
Inches Description of Horizon												
O TO	0 TO 7 Ap 10YR4/2 channery silt loam, friable, weak granular structure											
	D18	18 Bw1 7.5YR5/6 very channery silt loam, friable, weak subangular blocky structure										
18 TO	23	_	Bw2 10)	/R5/6 extrer	nely chann	ery silt loar	m, friable, v	veak subar	ngular block	ky structure		
_+23 TO		_	BC/Cr 1	0YR5/4 extr	emely char	nery silt lo	am/channe	ers, friable,	structurele	88		
то		_	Limiting	Zone - 23 ir	nches open	voids						
то		_										
PERCOLAT	ION TE	ST:										
Percolation			d by:						ate:			
Weather Co Soil Condition		. =	Below 40 Wet		°F or above Frozen	e 🗌 Dry	☐ Rair	n, Sleet, Sn	low (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 drop	Inches of drop	Inches of drop	Inches of drop	Inches of drep	Inches of drop	Inches of drop	inches of drop	
			10/30								\vdash	
			10/30									
			10/30									
	_		10/30								-	
	-	_	10/30									
***Water remai	ining in th	e hole at	10/30 the end of t	he final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10)-minute Inten	val.		
	-			Percolation								
		p during		rc. Rate as		pth						
Hole No.	fina	l period	M	inutes/Inch	of H	lole						
		_	_			—:						
			_		_							
			_		_							
			_		_		Th	e informat	ion provide	ed is the	true and	
					_	×	. co	rrect resul	t of tests	conducted	by me,	
						= In			nder my pe			
TOTAL OF	MIN / IN	۱ →			=		or	verified in	a manner a	pproved by	DEP.	
TOTAL NO.			_		-		(S)	wage Enforce	ement Officer	el	
☐ White -	gency			ow - Applic	ant		☐ Pink	k - Local D	EP Office			