

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				Municipalit	ty <u>Plainfield</u>	Township		County No	rthampton	
Site Location										ony Park	
SUITABLE Soil Type Br Slope % Depth to Limiting Zone 22 inches Ave. Perc. Rate 7.08											
UNSUITABLE ☐ Mottling ☐ Seeps or Ponded Water ☐ Bedrock ☐ Fractures ☒ Coarse Fragments											
		☐ Perd	. Rate	☐ Slope	☐ Unstab	ilized Fill	☐ Floods	olain 🗌 O	ther		
SOILS DES											
Soils Descri	ption Co	mpleted	by: BEC	S, Inc., Jos	eph W. Co	rona, M.S.,	P.S.S.	D	ate: <u>Septer</u>	nber 20, 20	05
Inche						Descrip	tion of Ho	rizon			
0 TO	012	_	Ap 10YF	R4/3 very gra	avelly silt lo	am, friable	, weak gra	nular struct	ure		
12 TO	O 22 BwC 10YR5/6 very-extremely channery silt loam, friable, weak subangular blocky structure										ucture
_+22 TO	o	_	Cr extr	emely chan	nery open y	voids					
то	o	_	Limiting	Zone - 22 ir	nches open	voids					
т	0	_									
то	0	_	Confirm	ing test pit #	310 - 21	open void	s				
PERCOLAT Percolation			by BEC	S Inc. Dum	n S Datua	ilor		D	ate: Novem	her 11 20	05
Weather Co				°F 🖾 40							00
Soil Condition				Dry 🔲		е Дију	L Raii	i, 01661, 011	OW (last 24	riours)	
							- "				
			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 drop	Inches of drop	Inches of drop	Inches of drop
1	×		10/30	2.125	2.125	2.125	2	- 1			
2		х	10/30	6+	5.125	4.5	4.125	3.875	3.875	3.875	-
3		х	10/30	5.625	5.75	5.5	4.5	4	3	2.625	2,5
4		X	10/30	2.375	2	2	1.875	1.875			
5		х	10/30	6+	6+	6+	6+	6+	5.875	5.5	4.375
6	х		10/30	2.5	2.375	2.375	2.25				
***Water remai						Yes, use 30-	minute interv	al; No, use 10	-minute interv	ral.	
(Calculat	ion of A	verage	Percolation	Rate:						
		during		rc. Rate as	De						
Hole No.	final	period		nutes/Inch	of H	iole "					
1	2 075	—	<u>15</u>		_						
2	3.875		2.0			— .					
3	2.5	—.	5.2		13						
4	1.875 5.3			13			The information provided is the true and				
5	5 4.375 2.3				13_	— . M	In nov			conducted ersonal sup	
6	2.25	`	13.3		. 13	<u>Inc</u>	th I bei			pproved by	
TOTAL OF			42.5		= 7.08	<u> </u>	/	1.	MO	1	el
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	Application No Municipality Plainfield Township County Northampton											
Site Locatio	Site Location Lot 28 - Test Pit # 308 Subdivision Name Estates at Colony Park											
SUITAB	.E	Soil Ty	pe <u>Br</u>	Slope _	%	Depth to Li	_					
UNSUIT	ABLE		_									
		☐ Per	c. Rate	☐ Slope	☐ Unstab	ilized Fill	☐ Flood	iplain 🗌 O	ther			
SOILS DES Soils Descri			d by: BEC	S. Inc., Jos	eph W. Co	rona, M.S.,	P.S.S.	D	ate: Septer	nber 20, 20	005	
Inche			,- ===				tion of H					
	0 TO 11 Ap 10YR4/2 very gravelly silt loam, friable, weak granular structure											
11 T	O Bw 10YR5/6 very gravelly silt loam, friable, weak subangular blocky structure											
_+20 T	o	_	Cr ext	remely char	nery open	voids						
т	0		Limiting	Zone - 20 ir	nches open	voids						
т	0	_										
т	0	_	Confirm	ing test pit#	341 - 21	open void	\$					
PERCOLAT			the BEC	C Inc. Iosi	nua Dobuoi	lor			oto: Nouon	hor 11 20	06	
Percolation Weather Co			Below 40					in, Sleet, Sn			05	
Soil Condition				Dry		e 🖾 Diy	□ Ra	in, sieet, sn	IOW (IBST 24	nours)		
			December 1	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 dro	No. 5: p inches of drop	No. 6: inches of drop	No. 7 inches of drop	No. 8: Inches of drop	
1		x	10/30	3	3,125	2.625	2.375	2.375	2.375			
2	x		10/30	3.75	3.75	3.5	3.5	- 02				
3		х	10/30	6+	5.875	4	3.25	3.5	3.25	2.875	2.75	
4		х	10/30	2.75	2.375	2.25	2.25	- 1				
5	x		10/30	4.375	3.75	3.625	3.75	3.625				
6		X	10/30	4	3.625	3.25	2.25	2.75	2.75	2.5	2.5	
***Water rema	-					Yes, use 30-	minute inter	val; No, use 10	-minute interv	/al.		
•			-	Percolation								
Hole No.		during		rc. Rate as inutes/Inch		pth fole						
Hole No.	2.375	period	4.2	nutes/inch		iole "						
2	3.5		8.57		12							
3	2.75		3.6		12	—.						
4					12	—.						
5	2.25 " 4.4 3.625 " 8.28				12			The information provided is the true and correct result of tests conducted by me,				
6	2.5		4		12	M	in pe	erformed un				
		→)5	= 5.51		or	verified in a				
	TOTAL OF MIN / IN → 33.05 = 5.51 TOTAL NO. OF HOLES→ 6 Stwage Enforcement Officer											

Yellow - Applicant

☐ Pink - Local DEP Office

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				Municipali	ty Plainfield	Township		County No	rthampton	
Site Location	Lot 2	8 Test F	Pit # 301					Name Est			
SUITABL	.E	Soil Ty	pe <u>Br</u>	Slope _	%	Depth to Li	miting Zon	e <u>+26 inche</u>	es Ave. P	erc. Rate_	
□ UNSUITA	☐ UNSUITABLE ☐ Mottling ☐ Seeps or Ponded Water ☐ Bedrock ☐ Fractures ☐ Coarse Fragments										
		☐ Per	c. Rate	Slope	Unstab	ilized Fill	☐ Flood	plain 🔲 O	ther		
SOILS DESC			d by: BEC	S, Inc., Jos	eph W. Co	rona, M.S.,	P.S.S.	D	ate: Septer	nber 20, 20	005
Inches	8					Descrip	tion of Ho	rizon			
O TO	0 TO 8 Ap 10YR4/2 very gravelly silt loam, friable, weak granular structure										
8 TO	TO 19 Bw1 10YR5/6 extremely gravelly silt loam, friable, weak subangular blocky structure										
19 TO	26	_	Bw2 10	YR5/6 very	channery s	ilt loam, fria	able, weak	subangula	r blocky str	ucture	
то		_	No Limit	ting Zone to	26 inches						
то		_									
то		_									
PERCOLAT	ION TE	ST:									
Percolation 7			d by:					D:	ate:		
Weather Co	nditions	: 🗆	Below 40	°F □ 40	°F or above	e Dry	☐ Rair	n, Sleet, Sn	ow (last 24	hours)	
Soil Conditio	ns:		Wet [Dry	Frozen						
	Reading No. 1:					Reading No. 3:	Reading No. 4:			Reading Reading No. 6: No. 7	
Hole No.	Yes	No	Interval	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop
	_		10/30								
			10/30								
			10/30								
			10/30								
			10/30							_	
			10/30								
***Water remail	-					Yes, use 30-	minute interv	al; No, use 10	-minute interv	ral.	
,		during	-	Percolation rc. Rate as	De	nth					
Hole No.		period		inutes/Inch	of H						
	_		_		_	-:					
	_		_		-	—:					
	_				_	_ .					
						- .	Cor	e informati rect result			
						- M	n per	formed un	der my pe	rsonal sup	ervision,
TOTAL OF N	MIN / IN	→	_		= _	_	or	verified in a	manner a	pproved by	DEP.
TOTAL NO.	OF HO	LES→	_				(S)		wage Enforce	ment Officer	

☐ Yellow - Applicant

☐ Pink - Local DEP Office

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	lo				Municipality Plainfield Township County Northampton									
Site Location	Lot 28	- Test	Pit # 310_			8				ony Park				
☐ SUITABL	E	Soil Ty	pe <u>Br</u>	_ Slope _	% [Depth to Li								
UNSUITA	ABLE													
		Per	c. Rate	☐ Slope	☐ Unstabi	lized Fill	☐ Flood	olain 🗌 O	ther					
SOILS DESC	CRIPTI	ON: omplete	d by: BEC	S, Inc., Jos	eph W. Cor	ona, M.S.,	P.S.S.	D:	ate: Septen	nber 20, 20	005			
Inches					bescription of Horizon Date: September 20, 2005 Description of Horizon									
0 TO 11 Ap 10YR4/2 very gravelly silt loam, friable, weak granular structure														
11 TO	TO21Bw 10YR5/6 very gravelly silt loam, friable, weak subangular blocky structure													
_+21 TO			Cr_ext	remely char	nery open	voids								
то		_	Limiting	Zone - 21 ir	ches open	voids								
то		_												
то		_												
PERCOLAT	_	_												
Percolation	Test Co	mplete	d by:					D	ate:					
Weather Co Soil Condition	nditions	s: 🗆		°F □ 40	°F or above Frozen	e 🗌 Dry	Rair	n, Sleet, Sn	ow (last 24	hours)				
			Benden	Reading	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	Reading Interval	No. 1: Inches of drop						Inches of drop				
			10/30											
			10/30											
			10/30											
			10/30											
			10/30											
			10/30											
***Water remai	ining in th	ne hole at	the end of t	ne final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10	-minute inter	val.				
(Calcula	tion of	Average	Percolation	Rate:									
Hole No.		p during al period	,	rc. Rate as inutes/Inch	De of H									
	_		-		-	—:								
			_		-									
	_		_		_	— .								
			_		_	— .				ed is the				
			_		_	— . M	in co	rrect resul	t of tests	conducted ersonal sup	by me,			
	_		_		_	in	ch pe	verified in a	a manner a	pproved by	DEP.			
TOTAL OF	MIN / II	4 →	_				/	JA	"	1	0			
TOTAL NO.	OF HO	DLES→	_		-		(S	Se	wage Enforce	ement Officer				
☐ White -	Local A	gency			☐ Yello	ow - Applic	ant		☐ Pink	k - Local D	EP Office			

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				Municipalit	y Plainfield	Township		County No	rthampton	
Site Location								Name Est			
SUITABL							miting Zor	ne 21 inches	Ave. P	erc. Rate_	
☐ UNSUITA	ABLE		-								
		☐ Per	c. Rate	☐ Slope	☐ Unstab	ilized Fill	☐ Flood	plain 🗌 O	ther		
SOILS DES			d by: BEC	S, Inc., Col	in M. Brand	I, P.G., P.S	3.S., S.E.O) D	ate: Septer	nber 22, 20	005
Inche							tion of H				
O TO	011		Ap 10YF	R4/3 channe	ry silt loam	, friable, w	eak suban	gular blocky	y structure		
11 TO	TO21 Bw1 10YR5/6 channery silt loam, friable, weak subangular blocky structure										
	029		Bw2/Cr	10YR5/4 ve	ry channer	silt loam/	channers,	friable, wea	k subangul	ar blocky s	tructure
то	0		Limiting	Zone - 21 ir	nches open	voids					
то											
TO											
	_										
PERCOLAT Percolation			d by:					D	ate:		
Weather Co Soil Condition	nditions	s: 🔲	Below 40)°F	°F or above				ow (last 24	hours)	
		***		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 dro	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					_	Yes, use 30-	minute inten	val; No, use 10	-minute inten	val.	
(Calcula	ition of	Average	Percolation	Rate:						
Hole No.		p during al period	,	rc. Rate as inutes/Inch	De of H	pth lole					
	_		_		_						
			_		_						
			_			-					
			. –		_			ne informat			
			. –		_	- M	ch pe	rrect result erformed ur	nder my pe	ersonal sup	pervision,
TOTAL OF	MIN / II	v →					or	yerified in a	a manner a	pproved by	DEP.
TOTAL NO.	OF HO	DLES→			-		(s	Se Se	wage Enforce	ment Officer	
☐ White -	Local A	gency			☐ Yello	ow - Applic	ant		☐ Pink	- Local D	EP Office