SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

SHEET 1 0F 2

01/31/00

Application	n No.		N	funicipality	Plainfield T				Northampt		
	ite Location Lot 13 - Probes 158 & 170 Subdivision Name Estates a										
X SUITAB			-	Slope 3-8%	Depth to Lir	niting Zone	58"	Ave. Perc.	Rate	3.53	
UNSUIT		Mottling	Seeps or Pond		Bedrock	Fractures	☐ Coarse F	ragments	Perc. Ra	rte	
_ 0.10011	, E	Slope [Unstabilized		Floodplain.	Other					
	_										
INS	TRUCTI	ONS FOR	COMPLET	ION OF T	HIS FORM	ARE LOC	ATED ON	THE REV	ERSE		
SOILS DES	CRIPTIO	N:	Terra Techn								
			Peter M. Vol	pinari, P.G.			Date:_	9/9/05			
	Inches				Description of	of Horizon			Probe 17	0	
0	TO	13	Topsoil								
			Medium brai	wn channery	silt loam, sil	ightly sticky,	slightly plas	tic,			
13	TO	28	friable, SAB,								
			Medium bro	wn silt loam	, slightty stic	ky, slightly p	olastic				
28	TO	58	friable, SAB,	rabio, cris, core cir.						Depth to Limiting	
									Zone:	lashes	
_	TO		Mottling at 5	8"					58	Inches	
	TO		Probe 158 (OM (OF) No	1 7 to 04"						
BEDOO! I	TION TEO	T.			L.Z. 10.64						
PERCOLA'			Terra Techn				Date:	11/23/05			
Percolation	on Test Co	mpleted By:	Peter M. Vo	ipinari, P.G.			Date	11/20/00			
W#		☐ Below	40 F 🗵	40 F or Ab	ove 🗆	Dry 🛛	Rain, Slee	t, Snow (las	st 24 Hours	3)	
				Frozen	_	J.,		.,		,	
Soil Condit	ions; L2	☑ Wet □	Diy L	Flozen							
		_									
		1							Reading	Reading	
	***	Reading	Reading No.1:	Reading No.2:		Reading No.4:	Reading No.5;	Reading No.6:		No.8: Inches	
Hole Number	Yes/No	Interval	Inches of drop	Inches of drop	Inches of drop	Inches of drop		Inches of drop	of drop	of drop	
1	NO	10	6.000	5.500	5.625	5.125	5.375	5.625	5.375	5.375	
2	NO	10	6.000	5.125	5.250	5.000	5.125				
3	YES	30	3.000	4.250	3.125	4.000	4.000	4.000	4.250		
4	NO	10	2.875	2.875	3.000	2.750					

6.000

4.500

6.000

3.875

Calculation of Average Percolation rate:

NO

NO

5

Hole No.	Drop during final period	Perc Rate as Min./ Inch	Depth of Hole	
1	5.375	1.86	20"	
2	5.125	1.95	20"	
3	4.250	7.06	20"	
4	2.750	3.64	20"	
- 5	6.000		20"	
- 6	3.750	2.67	20"	
Total of Mi	n / 1n →	21.18		
Total No. o	of Holes	6	3.53	Min/Inc

10

10

NOTE: 8 hole test

6.000

4.375

6,000

3.875

6.000

3,750

The information provided is the true and correct results of tests conducted by me, performed under my personal supervision, or confirmed in a manor approved by the department.

6.000

4.125

6.000

4.000

6.000

3.750

Sewage Enforcement Officer

^{***} Water remaining in the hole at the end of the final 30 minute prescak? Yes, use 30 minute interval; No use 10 minute interval

Total of Min / In → 21.18
Total No. of Holes 6

Revised 5-87

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

SHEET 2 0F 2

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40	m		w	v	

Applicatio	n No.		N	Municipality	Plainfield 1	Township		County	Northamp	ton
Site Local	tion	Lot 13	- Probes 1	158 & 170		Subdivisi	on Name	Estates at	Colony Pa	rk
X SUITAE	BLE	Soil Type	BoB	Slope 3-8%	Depth to Li	miting Zone	58"	Ave. Perc.	Rate	3.53
UNSUI"		Mottling	Seeps or Pon			Fractures			Perc. Ra	ate
		Slope	Unstabilized	_	Floodplain	Other		_		
				_	,	_				
INS	STRUCT	IONS FOR	COMPLET	TION OF T	HIS FORM	ARE LOC	ATED ON	THE REV	ERSE	
			Terra Techn		ino i orum	7412 200				
SOILS DE							Date:	9/9/05		
Soils Des	cription Co	ompleted By:	Peter M. VO	ipman, P.G.			Date	3/3/00		
									Probe 17	'n
	Inches				Description of	of Horizon			Probe 17	U
0	то	13	Topsoil							
					silt loam, si	ightly sticky,	slightly plas	itic,		
_13	то	28	friable, SAB							
					, slighlty stic	ky, slightly (alastic			
28	TO	58	friable, SAB	, 30% C.F.					Depth to Lim	iting
									Zone:	
	TO		Mottling at 5	58"					58	Inches
	TO									
	•		Probe 158 (9/9/05) - No	L.Z. to 84"					
PERCOLA	TION TES	ST:	Terra Techn	ologies						
Percolati	on Test Co	ompleted By:	Peter M. Vo	lpinari, P.G.			Date:	11/23/05		
Weather C Soil Condi				40 F or Ab Frozen	ove 🗆	Dry 🗵	Rain, Slee	t, Snow (la:	st 24 Hours	3)
Hole Number	Yes/No	Reading Interval	Reading No.1: Inches of drop		Reading No.3: Inches of drop			Reading No.6: Inches of drop	Reading No.7: Inches of drop	Reading No.8: Inches of drop
7	NO	10	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
8	NO	10	3.250	3.000	2.125	2.375	2.875	4,750	2.625	2.500
0	NO	10	3,200	3.000	2.120	2.070	2.070	4.700	2.020	2,000
		_					_			
							_			
*** Water re	maining in	the hole at the	end of the final	30 minute pre-	scak? Yes, us	e 30 minute int	terval; No use	10 minute inte	rval	
		the hole at the derage Perco			NOTE: 8 h		terval; No use	10 minute inte	rval	
	on of Av	erage Perco					tervali; No use	10 minute inte	rval	
	on of Av	erage Perco								
	on of Av	erage Perco	Depth of Hole				The informa	ation provide	ed is the true	
Calculati	on of Av Drop during fir	Perc Rate	Depth of				The information of the correct results of the	ation provide	d is the true	y
Calculati	On of Av Drop during fir	Perc Rate	Depth of Hole 20"				The information or rect resume, performation	ation provide	ed is the true conducted b	y super-

by the department.

Sewage Enforcement Officer

01/31/00

Revised 5-87

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application	n No.			Municipality	Plainfield 7	Township		County	Northamp	ton
Site Locat	ion	Lot 13	- Probes					Estates at	Colony Pa	rk
SUITAB	LE	Soil Type	BoB	Slope 3-8%	Depth to Li	miting Zone	22"	Ave. Perc.	Rate	8.29
UNSUIT	ABLE [Mottling	Seeps or Pan	ded Water	☐ Bedrock					ate
_	Ī	☐ Slope ☐	Unstabilized	Fill 🗆	Floodplain	Other				
INS	STRUCT	TONS FOR	COMPLET	TION OF T	HIS FORM	ARE LOC	ATED ON	THE REV	ERSE	
SOILS DES			Terra Techn							
Soils Desc	cription Co	ompleted By:	Peter M. Vo	lpinari, P.G.			Date:	9/9/05		
	Inches				Description of	of Horizon			Probe 170	
0	TO	13	Topsoil							
				wn channery	silt loam, si	lightly sticky,	slightly plas	stic,	'	
13	TO	28	friable, SAB	, 40% C.F			-			
			Medium bro	wn silt loam	, slighlty stic	ky, slightly p	olastic		'	
28	TO	58	friable, SAB	, 30% C.F.					Depth to Limiting	
									Zone:	
	TO		Mottling at 5	58"					_22"	Inches
	то									
			Probe 188	9/13/05) - L	.Z. = 22" to	open voids				
		ST:	Terra Techn	4.0						
Percolation	on Test Co	ompleted By:	Peter M. Vo	lpinari, P.G.			Date:	11/30/05		
		_	_			_				
Weather C	onditions:	☐ Below	/40 F 🗵	40 F or Ab	ove 🗆	Dry 🗵	Rain, Slee	t, Snow (las	st 24 Hour	s)
Soil Condit	ions: [x Wet □	Dry 🗆	Frozen						
			-							
					n	Desider No. 4	Dending No. 5	Dandon No. 6.	Reading No.7: Inches	Reading No.8: Inches
Hole Number	Yes/No	Reading	Reading No.1:	Inches of drop	Reading No.3: Inches of drop	Inches of drop	Inches of drop	Inches of drop	of drop	of drop
							6.000	6.000	5.875	5.750
1	NO	10	6.000	6.000	5.750	6.000	6.000	0.000	5.675	5.750
2	YES	30	1.000	1.000	1.250	1.125		0.000	0.755	0.500
3	NO	10	2.625	2.750	2.500	3.250	4.375	3.375	2.750	3.500
A	VES	30	5,000	5 500	5.750	5.500	5.500			

4.125

1.875

4.000

2.875

Calculation of Average Percolation rate:

YES

NO

5

Hole No.	Drop during final period 5.750	Perc Rate as Min./ Inch 1.74	Depth of Hole 14"	
	1.125	26.67	14"	
3	3.500	2.86	14"	
4	5.500	5.45	14"	
- 5	3.625	8.28	14"	
6	2.125	4.71	14"	
Total of M	n/In →	49.71		
Total No. o	of Holes	6	8.29	Min/Inch

30

10

4.000

2.875

The information provided is the true and correct results of tests conducted by me, performed under my personal supervision, or confirmed in a manor approved by the department.

3.625

1.875

3.500

2.750

3.625

2.375

3.625

2.000

2.125

Sewage Enforcement Officer

^{***} Water remaining in the hole at the end of the final 30 minute presoak? Yes, use 30 minute interval; No use 10 minute interval