Revised 5-87

01/31/00

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

Application	No.			Municipality	Plainfield T	ownship		County	Northampi	ton
Site Locati		Lot 24 -	Probes 160 & 161 Subdivision Name Estates a					rk		
SUITABI		Soil Type Mottling	BrB	Slope 3-8% ded Water	☐ Bedrock	miting Zone Fractures Other	X Coarse F	ragments	Rate Perc. Ra	5.43 ate
INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVER								ERSE		
SOILS DES			Terra Techn							
Soils Desc	ription Co	mpleted By:	Peter M. Vo	pinari, P.G.			Date:_	9/9/05		
	Inches		Topsoil		Description o	of Horizon			Probe 16	0
_0	то	10	Light brown	silt loam slii	ahtly sticky	slightly plast	íc.			
10	то	53	friable, SAB		grany outerry,	ongray prove	.,			
10			Medium bro	wn shaly silt	loam, slightl	y sticky, slig.	htly plastic,			
53	TO	78	friable, SAB						Depth to Lim	iting
	то		No L.Z to 78	5"					Zone: 	Inches
	ТО		Probe 161 (9/9/05) - L.2	z. = 29" to o	pen voids				
PERCOLAT			Terra Techn							
Percolatio	n Test Co	mpleted By:	Peter M. Vo	lpinari, P.G.			Date:	1/19/06		
Weather Co Soil Conditi		⊠ Below Wet □		40 F or Abo Frozen	ove 🗆	Dry 🗵	Rain, Slee	t, Snow (las	st 24 Hours	3)
Hole Number	Yes/No	Reading Interval	Reading No.1: Inches of drop	Reading No.2: Inches of drop			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	YES	30	4.125	4.500	4.250	3.375	3.375	3.375	3.125	
2	NO	10	5.000	4.375	3.875	3.625	3.750	3.625		
3	NO	10	2.500	2.125	2.000	1.875	1.875			
4	NO	10	3.125	2.500	2.125	2.625	2.125	1.875	1.875	1.750
5	NO	10	5.500	3.750	3.125	3.750	3.375	3.125	3.250	3.000
6	YES	30	4.000	5.125	5,000	5.125	5.125			
*** Water ren		the hole at the e	end of the final	30 minute pres	soak? Yes, us	e 30 minute int	terval; No use	10 minute inte	rval	

Calculation of Average Percolation rate:

Hole No.	Drop during final period	Perc Rate as Min./ Inch 9.60	Depth of Hole 20"	
-1-	3.125	-		
	3.625	2.76	20"	
3	1.875	5.33	20"	
4	1.750	5.71	20"	
5	3.000	3.33	20"	
6	5.125	5.85	20"	
Total of Mi	in/In —▶	32.59		
Total No. o	of Holes -	6	5.43	Min/Inch

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.

Sewage Enforcement Office

01/31/00

Revised 5-87

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

Applicatio	n No.		N	funicipality	Plainfield 7	ownship		County	Northamp	ton
Site Locat	ion	Lot 24 -	Probes 160	& 183				Estates at		rk
X SUITAB	LE	Soil Type	BrB	Slope 3-8%		miting Zone				18.87
UNSUIT	ABLE [Mottling	Seeps or Pond	ded Water	Bedrock	Fractures	X Coarse F	ragments	Perc. Ra	ato
_	Ē		Unstabilized		Floodplain	Other				_
INS	STRUCT	IONS FOR	COMPLET	ION OF T	HIS FORM	ARE LOC	ATED ON	THE REV	ERSE	
SOILS DES	SCRIPTIO	N:	Terra Techn	ologies-						
Solls Desc	cription Co	mpleted By:	Peter M. Vol	Peter M. Volpinari, P.G. Date: 9/9/05						
	Inches				Description of	of Horizon			Probe 160	
0	TO	10	Topsoil							
			Light brown	silt loam, sli	ghtly sticky,	slightly plasti	ic,			
10	TO	53		friable, SAB, 20% C.F						
				Medium brown shaly silt loam, slightly sticky, slightly plastic,						
53	TO	78_	friable, SAB 30% C.F. Depth to Limiting						iting	
									Zone:	
	TO		No L.Z to 78	<u> </u>					78	Inches
	-									
	TO		D 1 1001	04005	- 1 7 4- 04					
	W. O. L. W. C.	_			o L.Z. to 84					
PERCOLA			Terra Techn				Date:	1/19/06		
Percolation	on Test Co	mpleted By:	Peter M. Vo	ipinari, P.G.			Date.	1/19/00		
	4041	Dolour	40.5	40 F or 4b	ove \square	Dry 🛛	Dain Slee	t, Snow (las	t 24 Hours	٠١
Weather C				40 F or Ab	ove 🗆	ыу ш	Raili, Siec	t, Silow (las	K 24 Hours	,
Soil Condit	ions: L	☑ Wet 🗆	Dry.	Frozen						
							. 1		Reading	Reading
	***	Reading	Reading No.1:	Reading No.2:	Reading No.3:	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	Inches of drop	of drop	of drop
1	NO	10	4.375	3.625	3.500-	4.000	3.750	3.500	3.625	3.250

Hole Number	Yes/No	Reading Interval		Reading No.2: Inches of drop						Reading No.8: Inches of drop
1	NO	10	4.375	3.625	3.500-	- 4.000	3.750	3.500	3.625	3.250
2	YES	30	0.625	0.750	0:625	0.500				
3	YES	30	2.125	2.250	2.000	1.750	2.000	1.875		
4	YES	30	1.375	1.375	1.375	1.375	<u> </u>			
5	YES	. 30	3.375	3.500	3,500	3.250				
6	NO	10 -	4.750	3.500	3.500	4.125	3.875	3.500	3.750	3.250

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

Calculation of Average Percolation rate:

Hole No.	Drop during final period	Perc Rate as Min./ Inch	Depth of Hole	
1	3.250	3.08	24"	
2	0.500	60.00	24"	
3	1.875	16.00	24"	
4	1.375	21.82	24"	
- 5	3.250	9.23	24"	
- 6	3.250	3.08	24"	
Total of Mi	n/In →	113.20		
Total No. o	of Holes	6	18.87	Min/Inch

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.

Sewage Enforcement Officer