Revised 5-87

01/01/00

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

Application	n No.			Municipality	Plainfield 1	Township		County	Northamp	ton
Site Locati	_	Lot 16	- Probes 1	13 & 114		Subdivisi	on Name	Estates at		
X SUITAB	LE	Soil Type	CmB	Slope 3-8%				Ave. Perc.		9.71
UNSUIT.	ABLE [Mottling [Seeps or Pon		Bedrock				Perc. R	ate
		Slope	Unstabilized	Fill	Floodplain	Other				_
						100100	ATER OF	THE BEY		
			COMPLET		HIS FORM	ARE LOC	ATED ON	THE REV	ERSE	
SOILS DESCRIPTION:			Terra Techn				Deter	000005		
Soils Desc	ription Co	mpleted By:	Peter M. Vo	ipinari, P.G.			Date:	8/23/05		e.
					December 1	****			Probe 11	4
	Inches		T		Description	of Horizon			Probe 11	4
_0	TO	8	Topsoil	um eilt foam	slightly stick	ar aliabthe al	aetic			
	то	24	friable, SAB		siignity stici	ty, stignuy pi	astro,			
_8	10	24			ghtly sticky, i	non- nlastic				
24	то	75	friable, SAB		gray ducky, i	ion-piasiro,			Depth to Lim	itina
_24	10		arabio, orio	, 0070 0.7					Zone:	
	TO		No L.Z. to 7	5"					75	Inches
	TO									
			Probe 113 (8/23/05) - N	lo L.Z. to 94					
PERCOLATION TEST:				Terra Technologies						
Percolatio	n Test Co	mpleted By:	Peter M. Vo	lpinari, P.G.			Date:	1/11/06		es .
		_	_		_					
Weather Co				40 F or Ab	ove [X]	Dry 🗆	Rain, Slee	t, Snow (las	st 24 Hours	5)
Soil Conditi	ions: D	d Wet 🗵	Dry 🗆	Frozen						
							_			
									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	of drop	of drop
1	YES	30	2.500	2.250	2.500	2.500				
2	YES	30	2.000	1.750	1.875	1.875				
3	YES	30	3.125	3.000	3.000	2.750	2.750			
4	YES	30	4.125	3.875	3,875	3.750	3.750			
5	YES	30	3.875	3.625	3.625	3.625	0.700			
		10	3.750	2.875	3.250	3.125	3.250	3.500	3.375	3.250
6	NO		3.750							5.250

Calculation of Average Percolation rate:

Hata Na	Drop during final	Perc Rate as Min./	Depth of	
Hole No.	period	Inch	Hole	
1	2.500	12.00	24"	
2	1.875	16.00	24"	
3	2.750	10.91	24"	
4	3.750	8.00	24"	
5	3.625	8.28	24"	
6	3.250	3.08	24"	
Total of Mi	n/In →	58.26		
Total No. o	of Holes	6	9.71	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

01/31/00

Revised 5-87

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

Application No.			Nunicipality	Plainfield '	Township		County	Northampt	ton
Site Location Lo	ot 16	- Probes 1	114 & 155				Estates at		rk
X SUITABLE So	il Type (CmB _	Slope 3-8%	Depth to Li	miting Zone	75"	Ave. Perc.	Rate	22.45
UNSUITABLE Ma	ottling 🔲 :	Seeps or Pon	ded Water	■ Bedrock	Fractures	☐ Coarse	Fragments	Perc. Ra	ate
☐ SI	оре 🔲 🛚	Unstabilized	Fill 🗆	Floodplain	Other				
INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE									
SOILS DESCRIPTION:		Terra Technologies							
Soils Description Comple	ted By:	Peter M. Volpinari, P.G. Date: 8/23/05							
Inches				Description	of Horizon			Probe 114	
0 TO		Topsoil							
		Medium bro	wn silt loam,	slightly stic	ky, slightly pl	astic,			
_8 TO		friable, SAB,							
			wn Ioam, slig	phtly sticky,	non- plastic,				
_24 TO	75	friable, SAB,	, 30% C.F					Depth to Lim	iting
								Zone:	
то _		No L.Z. to 7	5"					75	Inches
то									
			9/9/05) - No	L.Z. to 78"					
PERCOLATION TEST:		Terra Techn				Date	4/44/00		
Percolation Test Comple	ted By:	Peter M. Vo	ipinari, P.G.			Date:	1/11/06		
			40 F 4b		р., П	Dain Cla	ot Coourde	4 24 Hours	
Weather Conditions: Below 40 F 🗵 40 F or Above 🖾 Dry 🗆 Rain, Sleet, Snow (last 24 Hours)									
Soil Conditions: Wet 🗵 Dry 🗆 Frozen									
							_		
								Reading	Reading

Hole Number	Yes/No	Reading Interval		Reading No.2: Inches of drop						Reading No.8: Inches of drop
1	NO	10	4.000	2.250	2.125	2.625	2.625	2.750	2.625	
2	YES	30	5.000	4.375	4.875	4.625	4.500	4.250	4.500	4.250
3	YES	30	1.500	1.250	1.375	1.375				
4	YES	30	3.625	2.375	2.750	2.625	2,500	2.500		
5	YES	30	0.250	0.250	0.250	0.375				
6	YES	30	4.500	3.250	3.000	3.000	2.875	3.000		

^{***} 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	2.625	3.81	24"	
2	4.250	7.06	24"	
3	1.375	21.82	24"	
4	2.500	12.00	24"	
5	0.375	80.00	24"	
6	3,000	10.00	24"	
Total of Mi	n/In▶	134.69		
Total No. o	f Holes	6	22,45	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