Revised 5-87

01/31/00

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

Application	n No.		N	/unicipality	Plainfield 7	ownship		County	Northamp	ton
Site Locat		Lot 20- P	robe 107 &	108		Subdivisi	on Name	Estates at	Colony Pa	
SUITAB	LE	Soil Type	BrB	Slope 3-8%				Ave. Perc.		6.55
UNSUIT			Seeps or Pond		Bedrock				Perc. R	ate
		Slope [Unstabilized	Fill	Floodplain	Other				
						155100	ATED ON	THE DEV	EDGE	
					HIS FORM	ARE LOC	ATED ON	THE REV	ERSE	
SOILS DES			Terra Techn				Deter	00000		
Soils Desc	ription Co	mpleted By:	Peter M. Vo	ipinari, P.G.			Date:	8/23/05		
					Description of	of Mariana			Probe 10	7
	Inches	•	Tonnoll		Description (or Horizon			PIODE IC	,,
_0	TO	8	Topsoil Madium hou	um eilf loam	slightly stick	ov stiahtly ni	astic			
8	то	20	friable, SAB		ongrary once	y, originaly pr	dollo,			
	,0				loam, slightl	v sticky, non	-plastic,		•	
20	TO	65	friable, SAB			,,	,		Depth to Lim	iting
									Zone:	
	TO		No L.Z. to 6	5"					24"	Inches
	TO									
					Z. = 24" to r	nottling				
PERCOLATION TEST:			Terra Techn				Data	4/40/06		
Percolation	on Test Co	mpleted By:	Peter M. Vo	Ipinari, P.G.			Date:	1/12/06		
W		☐ Below	40 F 🗵	40 F or Ab	ove 🗆	Dry 🗵	Pain Slee	t, Snow (las	et 24 Hours	٤)
Weather C		☐ Below ☐ Wet ☐		Frozen	ove 🗆	DIY LAI	Maili, Siec	t, Show (lac	3C 24 1 10U1	•,
Soil Condit	ions: L2	u wet ⊔	DIY L	Frozen						
	_									
									Reading	Reading
	***	Reading	Reading No.1:	Reading No.2:				Reading No.6:	No.7: Inches	No.8: Inches
Hole Number	Yes/No	Interval	Inches of drop	Inches of drop	_		Inches of drop		of drop	of drop
1	NO	10	6.000	6.000	6.000	6.000	6.000	6.000	6.000	5.250
2	NO	10	5,875	4.125	3.750	4.125	3.625	3.625	4.000	3.000
3	NO	10	6.000	5.875	5.375	5.625	4.500	4.250	4.750	4.000
4	YES	30	1.500	1.500	1.250	1.500				
5	YES	30	4.250	4.000	4.125	3.750	3.750	3.875	3.875	
6	NO	10	4.750	3.375	3.375	3.750	3.125	3,000	3.250	2.625
					enak? Yes us	a 30 minuta int	erval: No use	10 minute inte	rval	

Calculation of Average Percolation rate:

Hole No.	Drop during final period	Perc Rate as Min./ Inch	Depth of Hole	
1	5.250	1.90	16"	
2	3.000	3.33	16"	
3	4.000	2.50	16"	
4	1.500	20.00	16"	
5	3.875	7.74	16"	
6	2.625	3.81	16"	
Total of Mi	n/In —	39.29		
Total No. o	of Holes	6	6.55	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

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

SHEET 1 OF 2

01/31/00

Application	n No.		N	Municipality	Plainfield 7				Northamp	
		Probes 190 & 191 Subdivision Name Estates at								
X SUITAB		Soil Type	BoB	Slope 3-8%	Depth to Lir	miting Zone	72"	Ave. Perc.	Rate 7.	46
UNSUIT			Seeps or Pond			Fractures			Perc. Ra	
	H		Unstabilized		_	Other				
		опоро 🗀	0.10100			_				
INS	TRUCTION	ONS FOR	COMPLET	ION OF T	HIS FORM	ARE LOC	ATED ON	THE REV	ERSE	
SOILS DESCRIPTION:			Terra Technologies							
Soils Desc	ription Con	npleted By:	Peter M. Vo	pinari, P.G.		-	Date:	9/13/2005		
	Inches				Description of	of Horizon			Probe 190	
0	TO	9	Topsoil							
			Light brown	shaly silt los	ım, slightly s	ticky, non-pla	astic,			
9	TO	26	friable, SAB,	20% C.F		-				
			Light brown	silt loam, sli	ghtly sticky,	non-plastic,				
26	TO	72	friable, SAB	40% C.F.					Depth to Lim	iting
									Zone:	
	TO								72	Inches
			No L.Z. to 7.	2"						
	TO									
					o L.Z. to 73"	<u> </u>				
PERCOLATION TEST:			Terra Techn	-						
Percolation	on Test Con	pleted By:	Peter M. Vo	lpinari, P.G.			Date:	1/12/2006		
					_	_				_
Weather Conditions: Below 40 F 🗵 40 F or Above				ove 🗔	Dry 🔯	Rain, Slee	t, Snow (las	st 24 Hours	5)	
Soil Conditi	ions: 🛛	Wet	Dry	Frozen						
			_							
										D #
				7	Danger No 3	Reading No.4:	Reading No.5: inches	Reading No.6:	Reading No.7; Inches	Reading No.8; Inches
Hole Number	Yes/No	Reading Interval	Reading No.1: Inches of drop	Reading No.2: Inches of drop	Reading No.3: Inches of drop		of drop	Inches of drop	of drop	of drop
				2.000	2.125	2.125				
1	YES	30	2.250				2.250			
2	NO	10	3.875	2.250	2.375	2.500		2.500	4.375	3.250
3	NO	10	6.000	3.750	4.375	4.500	4.125	3.500		
4	NO	10	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
5	NO	10	5.625	3.375	3.625	3.625	3.125	3.125	3.500	3.000
6	NO	10	5.625	3.250	3.250	3.625	3.250	3.000	3.750	3.000

Calculation of Average Percolation rate:

Hole No.	Drop during final period	Perc Rate as Min./ Inch	Depth of Hole	
1	2.125	14.12	24"	
2	2.250	4.44	24"	
3	3.250	3.08	24"	
4	6.000		24"	
-5	3.000	3.33	24"	
6	3.000	3.33	24"	
Total of Mi Total No. o		9	7.46	Min/Inch

NOTE: hole test

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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

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

SHEET 2 OF 2

01/31/00 Municipality Plainfield Township County Northampton Application No. Subdivision Name Estates at Colony Park Site Location Lot 20 - Probes 190 & 191 __ Ave. Perc. Rate SUITABLE Soil Type BoB Slope 3-8% Depth to Limiting Zone 72" ☐ Bedrock ☐ Fractures ☐ Coarse Fragments Perc. Rate ☐ UNSUITABLE ☐ Mottling ☐ Seeps or Ponded Water ☐ Slope ☐ Unstabilized Fill ☐ Floodplain ☐ Other ___ INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SOILS DESCRIPTION: Terra Technologies Solls Description Completed By: Peter M. Volpinari, P.G. Date: 9/13/2005 Probe 190 Inches Description of Horizon TO Topsoil 9 0 Light brown shaly silt loam, slightly sticky, non-plastic, friable, SAB, 20% C.F. 9 TO 26 Light brown silt loam, slightly sticky, non-plastic, friable, SAB, 40% C.F. Depth to Limiting TO 26 72 Zone: TO Inches No L.Z. to 72" Probe 191 (9/13/05) - No L.Z. to 73" PERCOLATION TEST: Terra Technologies Percolation Test Completed By: Peter M. Volpinari, P.G. Date: 1/12/06 & 2/17/06 Weather Conditions: Below 40 F 40 F or Above ☐ Drv Rain, Sleet, Snow (last 24 Hours) Soil Conditions: ☑ Wet ☐ Dry ☐ Frozen Reading Reading Reading No.2: Reading No.3: Reading No.4: Reading No.5: Reading No.6: No.7: inches No.8: Inches Reading Reading No.1: Inches of drop of drop of drop Yes/No Interval Hole Number 10 2.375 2.875 2.875 3,125 2.875 NO 4.625 4,750 4.875 8 NO 10 4.000 4.625 2.625 2.625 2.750 2.500 YES 30 2.875 9 10 NO 10 1.250 1.250 1.375 1.375 *** Water remaining in the hole at the end of the final 30 minute prescak? Yes, use 30 minute interval; No use 10 minute interval NOTE: 10 hole test - 1 failed Calculation of Average Percolation rate:

Hole No.	Drop during final period	Perc Rate as Min./ Inch	Depth of Hole	Date
7	2.875	3.48	24"	1/12/2006
8	4.625	2.16	24"	1/12/2006
9	2.625	11.43	24"	2/17/2006
Total of Mi	1.375	67.18	24"	2/17/2006
Total No. o		9	7.46	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