Revised 5-87

01/31/00

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

Application	n No				Plainfield I	ownship		County	Nortnamp	ton
Site Locati	ion		robe 112 &					Estates at		
SUITAB			CmB		Depth to Li	miting Zone	43"	_ Ave. Perc	Rate	8.12
UNSUIT			Seeps or Pon		☐ Bedrock					ate
		Slope	Unstabilized	Fill 🔲	Floodplain	Other				
			201101 0	TON OF T	IIIO FORM	ABELOO	ATER ON	THE DEV	FDCF	
			COMPLET		HIS FORM	ARE LOC	ATED ON	THE KEV	EKSE	
SOILS DESCRIPTION:			Terra Technologies Peter M. Volpinari, P.G. Date: 8/23/05							
Soils Desc	ription Co	mpleted By:	Peter M. Vo	ipinan, P.G.			Date.	6/23/05		
	becker				Description of	of Harlzon			Probe 11	2
	Inches		Topsoil		Description (or nonzon			11000 11	-
_0	10	14		silt loam sli	ghtly sticky,	slightly plast	lc.			
14	то	28	friable, SAB		gray duerty,	digital proces	145			
14					m, slightly sti	icky, slightly	plastic,			
28	TO	80	firm, SAB, 2						Depth to Lim	iiting
									Zone:	
	TO		No L.Z. to 8	0"					43	Inches
	TO									
					. = 43" to m	ottling				_
PERCOLA			Terra Techn				Data	12/15/05	100	
Percolatio	on Test Co	mpleted By:	Peter M. Vo	ipinari, P.G.			Date:	12/15/05		e e
Monther C	anditions:	☑ Below	40 E 🗆	40 F or Ab	ove 🔽	Dry 🗆	Rain Slee	t, Snow (las	et 24 Hours	(2
				Frozen	046 🖾	Diy _	Mairi, Olco	it, Ollow (ia	24 i louis	•,
Soil Conditi	ions: L	_ vvet ix	Diy 🗀	F102811						
		1								
1 1		1							Reading	Reading
l I	***	Reading	Reading No.1:		Reading No.3:	Reading No.4:	Reading No.5:	Reading No.6:	No.7: Inches of drop	No.8: Inches of drop
Hole Number	Yes/No	Interval	Inches of drop			Inches of drop			or arop	or drop
_ 1	NO	10	3.250	3.000	2.625	2.500	2.625	2.625		
2	YES	30	1.625	1.625	1.625	1.625				
3	YES	30	3.875	3.625	3.625	3.500	3.875	3.500	3.500	3.250
4	NO	10	2.750	2.500	2.375	2.250	2.375			
5	YES	30	5.000	4.750	4.250	4.000	4.250	3.625	3.750	3,500
6	NO	10	2.500	2.375	2.125	2.250	2.250			
*** Water ren	maining in t	he hole at the	end of the final	30 minute pre	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 2,625	Perc Rate as Min./ Inch 3,81	Depth of Hole 20"	
2	1.625	18.46	20"	
3	3.250	9.23	20"	
4	2.375	4.21	20"	
5	3.500	8.57	20"	
6	2.250	4,44	20"	
Total of Mi	in / In →	48.73		
Total No. o	f Holes	6	8,12	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

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

SHEET 1 of 2

01/31/00 Application No. Municipality Plainfield Township County Northampton Subdivision Name Estates at Colony Park Site Location Lot 22- Probe 112 & 1 / / Soil Type BoB Slope 3-8% Depth to Limiting Zone 80" Ave. Perc. Rate X SUITABLE ☐ Bedrock ☐ Fractures ☐ Coarse Fragments Perc. Rate ☐ Floodplain ☐ Other _ ☐ Slope ☐ Unstabilized Fill INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SOILS DESCRIPTION: Terra Technologies Soils Description Completed By: Peter M. Volpinari, P.G. 8/23/05 Date: Inches Description of Horizon Probe 112 0 TO Topsoil 14 Light brown silt loam, slightly sticky, slightly plastic, friable, SAB, 20% C.F. 14 TO 28 Red brown silty clay loam, slightly sticky, slightly plastic, firm, SAB, 20% C.F. TO 80 28 Depth to Limiting Zone: TO No L.Z. to 80" Inches Probe 111 (8/23/05) - No L.Z. to 90" PERCOLATION TEST: Terra Technologies Percolation Test Completed By: Peter M. Volpinari, P.G. Date: 12/15/05 Weather Conditions:

Below 40 F

40 F or Above Rain, Sleet, Snow (last 24 Hours) ☑ Dry ☑ Dry ☐ Frozen

Hole Number	Yes/No	Reading Interval		Reading No.2: Inches of drop					Reading No.7: Inches of drop	Reading No.8: Inches of drop
1	NO	10	3.250	3.125	2.875	2.750	2.750	2.625		
2	NO	10	4.625	4.375	4.375	4.125	4.250			
3	NO	10	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
4	YES	30	2.000	2.000	1.875	1.875				
5	YES	30	4.875	4.750	4.375	4.125	4.250	3.875	4.000	3.750
6	YES	30	5.000	4.750	4.625	4.500	4.875	4.250	4.500	4.125

^{***} 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:

NOTE: 8 hole test

	Drop during final	Perc Rate as Min./	Depth of	
Hole No.	period	Inch	Hole	
1	2.625	3.81	24"	
2	4.250	2.35	24"	
3	6.000		24"	
4	1.875	16.00	24"	
5	3.750	8.00	24"	
- 6	4,125	7.27	24"	
Total of Mi	n/ln →	43.65		
Total No. o	f Holes	7	6.24	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

Total of Min / In ->

Total No. of Holes

43.65

6.24

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

SHEET 2 of 2

01/01/00

Municipality Plainfield Township County Northampton Application No. Subdivision Name Estates at Colony Park Site Location Lot 22- Probe 111 & 112 Depth to Limiting Zone 80" Ave. Perc. Rate Soil Type BoB Slope 3-8% X SUITABLE Bedrock Fractures Coarse Fragments X Mottling Seeps or Ponded Water ☐ UNSUITABLE ☐ Floodplain ☐ Other __ ☐ Slope ☐ Unstabilized Fill INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE Terra Technologies SOILS DESCRIPTION: Solls Description Completed By: Peter M. Volpinari, P.G. 8/23/05 Date: Probe 112 Inches Description of Horizon 0 TO Topsoil 14 Light brown silt loam, slightly sticky, slightly plastic, friable, SAB, 20% C.F. 14 28 Red brown silty clay loam, slightly sticky, slightly plastic, firm, SAB, 20% C.F. Depth to Limiting 28 TO 80 Zone: 80 TO No L.Z. to 80" Inches TO Probe 111 (8/23/05) - No L.Z. to 90" PERCOLATION TEST: Terra Technologies Percolation Test Completed By: Peter M. Volpinari, P.G. Date: 12/15/05 Rain, Sleet, Snow (last 24 Hours) Weather Conditions: X Below 40 F 40 F or Above ☑ Dry Wet X Dry ☐ Frozen Soil Conditions: Reading Reading No.7: Inches No.8: Inches Reading No.2; Reading No.3; Reading No.4; Reading No.5; Reading No.6; Reading Reading No.1: Yes/No Inches of drop Inches of drop Inches of drop Interval Inches of drop Inches of drop inches of drop of drop of drop Hole Number 5.375 5.375 5.000 6.000 4.500 4.500 5.750 5.625 NO 10 2.375 2.500 2 NO 10 3.250 3.125 2.875 3.000 2.625 4.625 *** 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: NOTE: 8 hole test Perc Rate Drop during final as Min./ Depth of The information provided is the true and period Inch Hole Hole No. 4.500 correct results of tests conducted by 2.22 24" 2.500 me, performed under my personal super-4.00 vision, or confirmed in a manor approved by the department.

Sewage Enforcement Officer