Revised 5-87

01/31/00

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

Application	n No.			Municipality	Plainfield 1	Township		County	Northamp	ton
Site Locat		Lot 14	- Probes					Estates at		rk
X SUITAB	LE	Soil Type_	CmB		Depth to Li					8.18
UNSUIT	ABLE [Mottling			☐ Bedrock		_	_		ate
		Slope [Unstabilized	Fill .	Floodplain	Other				_
		10110 505		ION OF T	IIIO FORI	ABELOG	ATED ON	THE DEV	EDGE	
		IONS FOR			HIS FORM	ARE LOC	ATED ON	THE REV	ERSE	
SOILS DESCRIPTION:			Terra Techn	-			Date	0/22/25		
Soils Desc	ription Co	mpleted By:	Peter M. Vo	ipinari, P.G.			Date:	8/23/05		
	Inches		Description of Horizon					Probe 11	8	
0	TO	9	Topsoil		Description	or morizon				
	10			wn shalv silt	loam, slight	v stickv. slia	htly plastic.			
9	TO	26	friable, SAB		rearing engine	,,,,	ney present,			
					, slighlty stic	ky, slightly j	plastic			
26	TO	30	friable, SAB	, 20% C.F.					Depth to Lin	iting
									Zone:	
-	TO		Mottling at 3	30"					30"	Inches
	TO				7 - 5411 -	***				
DEBOOL A	TION TEC	T.			$Z_{*} = 54$ " to r	nottling				
PERCOLATION TEST: Percolation Test Completed By:			Terra Techn				Date:	11/23/05		
Percolatio	on rest Co	mpieted by.	Peter M. VO	piriari, r.o.			Date.	11/20/00		
Weather C	onditions:	☑ Below	40 F	40 F or Ab	ove 🗆	Dry 🗵	Rain, Slee	t. Snow (las	t 24 Hours	5)
Weather Conditions: ☑ Below 40 F ☐ 40 F or Above ☐ Dry ☑ Rain, Sleet, Snow (last 24 Hours) Soil Conditions: ☑ Wet ☐ Dry ☐ Frozen							-,			
CON CONGR	10115. L	2 W.C.	J., _	1102011						
		T								
	***		n	Bandan Na 2:	Dooding No 2:	Bandles No. 4:	Danding No S	Reading No.6:	Reading No.7: Inches	Reading No.8: Inches
Hole Number	Yes/No	Reading Interval	Reading No.1: Inches of drop			Inches of drop			of drop	of drop
1	YES	30	3.750	3.750	3.750	3.500				
2	NO	10	6.000	3.625	4.375	3.500	3.625	3.875	3.250	3.500
3	YES	30	5.500	5.625	5.375	5.375	0.020	0.010	0.200	0.000
4	YES	30	1.250	1.375	1.250	1.250				
5	NO	10	3.000	2.000	2.250	1.875	1.875	2.000	1.750	
		_		4.875	5.500	4.625	4.750	5.125	4.250	4.250
6	NO	10	6.000				terval; No use			4.200

Calculation of Average Percolation rate:

Hole No.	Drop during final period	Perc Rate as Min./ Inch	Depth of Hole	
1	3,500	8.57	20"	
2	3.500	2.86	20"	
3	5.375	5.58	20"	
4	1.250	24.00	20"	
- 5	1.750	5.71	20"	
- 6	4.250	2.35	20"	
Total of Mi	n/In ─►	49.07		
Total No. o	of Holes -	6	8.18	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

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

SHEET 1 OF 2

County Northampton Municipality Plainfield Township Application No. Subdivision Name Estates at Colony Park Lot 14 - Probes 118 & 169 Site Location Slope 3-8% Depth to Limiting Zone 30" Ave. Perc. Rate Soil Type CmB SUITABLE ☐ Bedrock ☐ Fractures ☐ Coarse Fragments Perc. Rate 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: 8/23/05 Soils Description Completed By: Peter M. Volpinari, P.G. Date: Probe 118 Inches Description of Horizon TO Topsoil 9 0 Medium brown shaly silt loam, slightly sticky, slightly plastic, friable, SAB, 40% C.F. то 26 Medium brown silt loam, slightly sticky, slightly plastic friable, SAB, 20% C.F. Depth to Limiting 26 TO 30 Zone: 30" Inches TO Mottling at 30" TO Probe 169 (9/9/05) - No L.Z. to 42" Terra Technologies PERCOLATION TEST: Percolation Test Completed By: Peter M. Volpinari, P.G. Date: 11/23/05 Weather Conditions: X Below 40 F 40 F or Above ☐ Drv Rain, Sleet, Snow (last 24 Hours) ☐ Frozen Soil Conditions:

Hole Number	Yes/No	Reading Interval	Reading No.1: Inches of drop	Reading No.2: Inches of drop	Reading No.3: Inches of drop	Reading No.4: 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	NO	10	2.875	2.125	2.500	2.500	2.500	4.750	2.125	2.125
2	NO	10	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
3	NO	10	5.875	4.500	5.000	4.250	4.500	5.000	4.375	4.375
4	YES	30	1.125	0.875	0.875	0.875				
5	YES	30	1.250	1.250	1.125	1.125				
6	YES	30	4.125	4.000	3.750	3.750	3.625	3.500		

^{***} 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	2.125	4.71	20"	
2	6.000		20"	
3	4.375	2.29	20"	
4	0.875	34.29	20"	
5	1.125	26.67	20"	
6	3.500	8.57	20"	
Total of Min / In →		83.81		
Total No. o	of Holes	7	11.97	Min/Inch

NOTE: 8 hole test

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Sewage Enforcement Officer

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

SHEET 2 OF 2

TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE 01/31/00 Municipality Plainfield Township County Northampton Application No. - Probes 118 & 169 Subdivision Name Estates at Colony Park Site Location Lot 14 Depth to Limiting Zone 30" Ave. Perc. Rate Slope 3-8% SUITABLE Soil Type CmB ☐ Bedrock ☐ Fractures ☐ Coarse Fragments ☐ UNSUITABLE X Mottling Seeps or Ponded Water Perc. Rate ☐ Floodplain ☐ Other ☐ Slope ☐ Unstabilized Fill INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE Terra Technologies SOILS DESCRIPTION: Soils Description Completed By: Peter M. Volpinari, P.G. Date: 8/23/05 Description of Horizon Probe 118 Inches Topsoil TO 0 9 Medium brown shaly silt loam, slightly sticky, slightly plastic, friable, SAB, 40% C.F. 9 TO 26 Medium brown silt loam, slightly sticky, slightly plastic friable, SAB, 20% C.F. 26 TO 30 Depth to Limiting Zone: TO Mottling at 30" 30" Inches TO Probe 169 (9/9/05) - No L.Z. to 42" PERCOLATION TEST: Terra Technologies Percolation Test Completed By: Peter M. Volpinari, P.G. Date: 11/23/05 Weather Conditions:

Below 40 F

40 F or Above ☐ Dry Rain, Sleet, Snow (last 24 Hours) ☑ Wet ☐ Drv ☐ Frozen Soil Conditions: Reading Reading Reading Reading No.2: Reading No.3: Reading No.4: Reading No.5: Reading No.6: No.7: Inches No.8: Inches of drop of drop Yes/No Interval inches of drop Hole Number 3.125 2.500 2.625 NO 10 4.500 4.125 2.875 3.375 2.375 8 NO 10 6.000 6.000 3.750 3.875 4.500 3.375 3.250 2.875 *** Water remaining in the hole at the end of the final 30 minute prescak? Yes, use 30 minute interval; No use 10 minute interval Calculation of Average Percolation rate: NOTE: 8 hole test

Drop Perc Rate as Min./ Depth of during final Hole period Inch Hole No. 20" 2.625 7 4.71 2.875 3.48 Total of Min / In ---Total No. of Holes 11.97 Min/inch

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by the department.

Sewage Enforcement Officer