

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

Application No. \_\_\_\_\_ Municipality Plainfield Township County Northampton  
 Site Location Lot 16 - Probes 113 & 114 Subdivision Name Estates at Colony Park  
 SUITABLE Soil Type CmB Slope 3-8% Depth to Limiting Zone 75" Ave. Perc. Rate 9.71  
 UNSUITABLE  Motting  Seeps or Ponded Water  Bedrock  Fractures  Coarse Fragments  Perc. Rate  
 Slope  Unstabilized Fill  Floodplain  Other \_\_\_\_\_

**INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE**

SOILS DESCRIPTION: Terra Technologies  
 Soils Description Completed By: Peter M. Volpinari, P.G. Date: 8/23/05

	Inches		Description of Horizon		
	<u>0</u>	TO	<u>8</u>	<u>Topsoil</u>	<b>Probe 114</b>
	<u>8</u>	TO	<u>24</u>	<u>Medium brown silt loam, slightly sticky, slightly plastic, friable, SAB, 20% C.F</u>	
	<u>24</u>	TO	<u>75</u>	<u>Medium brown loam, slightly sticky, non-plastic, friable, SAB, 30% C.F</u>	Depth to Limiting Zone:
		TO		<u>No L.Z. to 75"</u>	<u>75</u> inches
		TO			

**Probe 113 (8/23/05) - No L.Z. to 94"**

PERCOLATION TEST: Terra Technologies  
 Percolation Test Completed By: Peter M. Volpinari, P.G. Date: 1/11/06

Weather Conditions:  Below 40 F  40 F or Above  Dry  Rain, Sleet, Snow (last 24 Hours)  
 Soil Conditions:  Wet  Dry  Frozen


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	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				
6	NO	10	3.750	2.875	3.250	3.125	3.250	3.500	3.375	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	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 Min / In →		58.26	
Total No. 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 manner approved by the department.

  
 (\$) \_\_\_\_\_  
 Sewage Enforcement Officer

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

Application No. \_\_\_\_\_ Municipality Plainfield Township County Northampton  
 Site Location Lot 16 - Probes 114 & 155 Subdivision Name Estates at Colony Park  
 SUITABLE Soil Type CmB Slope 3-8% Depth to Limiting Zone 75" Ave. Perc. Rate 22.45  
 UNSUITABLE  Mottling  Seeps or Ponded Water  Bedrock  Fractures  Coarse Fragments  Perc. Rate  
 Slope  Unstabilized Fill  Floodplain  Other \_\_\_\_\_

**INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE**

SOILS DESCRIPTION: Terra Technologies  
 Soils Description Completed By: Peter M. Volpinari, P.G. Date: 8/23/05

	Inches		Description of Horizon		Probe 114
<u>0</u>	TO	<u>8</u>	<u>Topsoil</u>		
<u>8</u>	TO	<u>24</u>	<u>Medium brown silt loam, slightly sticky, slightly plastic, friable, SAB, 20% C.F</u>		
<u>24</u>	TO	<u>75</u>	<u>Medum brown loam, slightly sticky, non- plastic, friable, SAB, 30% C.F</u>		
	TO		<u>No L.Z. to 75"</u>	Depth to Limiting Zone:	<u>75</u> Inches
	TO				

**Probe 155 (9/9/05) - No L.Z. to 78"**

PERCOLATION TEST: Terra Technologies  
 Percolation Test Completed By: Peter M. Volpinari, P.G. Date: 1/11/06

Weather Conditions:  Below 40 F  40 F or Above  Dry  Rain, Sleet, Snow (last 24 Hours)  
 Soil Conditions:  Wet  Dry  Frozen


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	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 Min / In →		134.69	
Total No. of 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