

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

Application No. _____ Municipality Plainfield Township County Northampton
 Site Location Lot 18- Probe 104 & 187 Subdivision Name Estates at Colony Park
 SUITABLE Soil Type BoB Slope 3-8% Depth to Limiting Zone 21" Ave. Perc. Rate 11.46
 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 104
<u>0</u>	TO	<u>9</u>	<u>Topsoil</u>	
<u>9</u>	TO	<u>21</u>	<u>Light brown silt loam, slightly sticky, slightly plastic, friable, SAB, 30% C.F</u>	
_____	TO	_____	_____	Depth to Limiting Zone:
_____	TO	_____	<u>Mottling at 21"</u>	<u>21</u> inches
_____	TO	_____	_____	

Probe 187 (9/13/05) L.Z. = 22" to mottling

PERCOLATION TEST: Terra Technologies
 Percolation Test Completed By: Peter M. Volpinari, P.G. Date: 1/20/06

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	0.878	0.875	0.875	0.875				
2	YES	30	2.500	2.625	2.500	2.500				
3	YES	30	3.250	3.125	3.250	3.000				
4	NO	10	3.375	3.750	4.000	3.375	3.875	3.750	3.875	3.750
5	YES	30	4.625	4.500	4.375	4.250	4.250			
6	NO	10	4.375	3.750	3.875	3.625	3.625			

*** 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:

Hole No.	Drop during final period	Perc Rate as Min./Inch	Depth of Hole
1	0.875	34.29	20"
2	2.500	12.00	20"
3	3.000	10.00	20"
4	3.750	2.67	20"
5	4.250	7.06	20"
6	3.625	2.76	20"
Total of Min / In →		88.77	
Total No. of Holes →		6	11.46 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 manner approved by the department.

(S) [Signature]
 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 18- Probe 104 & 150 Subdivision Name Estates at Colony Park
 SUITABLE Soil Type BoB Slope 3-8% Depth to Limiting Zone 21" Avg. Perc. Rate 14.85
 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 104
	0	TO	9	<u>Topsoil</u>	
	9	TO	21	<u>Light brown silt loam, slightly sticky, slightly plastic, friable, SAB, 30% C.F.</u>	
		TO			Depth to Limiting Zone:
		TO		<u>Mottling at 21"</u>	<u>21</u> inches
		TO			
<u>Probe 150 (9/9/05) L.Z. = 30" to mottling</u>					

PERCOLATION TEST: Terra Technologies
 Percolation Test Completed By: Peter M. Volpinari, P.G. Date: 1/20/06

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	1.125	1.250	1.125	1.125				
2	YES	30	1.375	1.250	1.375	1.375				
3	YES	30	5.125	5.125	4.875	4.875				
4	YES	30	2.750	2.875	3.000	3.000				
5	YES	30	5.250	5.250	5.000	5.000				
6	YES	30	1.500	1.750	1.625	1.625				

*** 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:

Hole No.	Drop during final period	Perc Rate as Min./ Inch	Depth of Hole
1	1.125	26.67	20"
2	1.375	21.82	20"
3	4.875	6.15	20"
4	3.000	10.00	20"
5	5.000	6.00	20"
6	1.625	18.46	20"
Total of Min / in →		89.10	
Total No. of Holes →		6	14.85 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.


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 Sewage Enforcement Officer