



**SITE INVESTIGATION AND PERCOLATION  
TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE**

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

Application No. \_\_\_\_\_ Municipality Plainfield Township County Northampton

Site Location Lot 7 - Test Pit # 337 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Bo Slope \_\_\_\_\_% Depth to Limiting Zone +33 inches Ave. Perc. Rate 20.07  
 UNSUITABLE  Mottling  Seeps or Pounded Water  Bedrock  Fractures  Coarse Fragments  
 Perc. Rate  Slope  Unstabilized Fill  Floodplain  Other \_\_\_\_\_

**SOILS DESCRIPTION:**

Soils Description Completed by: BECS, Inc., Joseph W. Corona, M.S., P.S.S. Date: September 20, 2005

Inches	Description of Horizon
<u>0</u> TO <u>5</u>	<u>Ap 10YR4/3 gravelly silt loam, friable, weak granular structure</u>
<u>5</u> TO <u>20</u>	<u>Bt1 10YR5/6 channery silt loam, friable, weak subangular blocky structure</u>
<u>20</u> TO <u>33</u>	<u>Bt2 10YR5/6 very channery silt loam, friable, weak-moderate subangular blocky structure</u>
_____ TO _____	<u>No Limiting Zone to 33 inches</u>
_____ TO _____	_____
_____ TO _____	<u>Confirming test pit # 336 - 35" bottom of pit</u>

**PERCOLATION TEST:**

Percolation Test Completed by: BECS, Inc., Ryan S. Detweiler Date: November 10, 2005

Weather Conditions:  Below 40°F  40°F or above  Dry  Rain, Sleet, Snow (last 24 hours)

Soil Conditions:  Wet  Dry  Frozen

Hole 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
	Yes	No									
1	x		10 / 30	4.125	3.75	3.5	3.25	3.25	3	3	-
2	x		10 / 30	.75	.75	.625	.5	-			
3	x		10 / 30	4.25	3.75	3.5	3.125	3.25	3.125	3.125	-
4	x		10 / 30	3.625	3.125	3	2.625	2.875	2.5	2.625	2.625
5	x		10 / 30	2.375	1.875	1.875	1.625	1.625	-		
6	x		10 / 30	3.625	3	3	2.75	2.75	-		

\*\*\*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 Minutes/Inch	Depth of Hole
1	3	10	20
2	5	60	20
3	3.125	9.6	20
4	2.625	11.43	20
5	1.625	18.46	20
6	2.75	10.91	20
TOTAL OF MIN / IN →		120.4	= 20.07
TOTAL NO. OF HOLES →		6	

The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by DEP.  
 (S) [Signature]  
 Sewage Enforcement Officer



**SITE INVESTIGATION AND PERCOLATION  
TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE**

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

Application No. \_\_\_\_\_ Municipality Plainfield Township County Northampton

Site Location Lot 7 - Test Pit # 336 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Bo Slope \_\_\_\_\_% Depth to Limiting Zone +35 inches Ave. Perc. Rate 16.90  
 UNSUITABLE  Mottling  Seeps or Pounded Water  Bedrock  Fractures  Coarse Fragments  
 Perc. Rate  Slope  Unstabilized Fill  Floodplain  Other \_\_\_\_\_

**SOILS DESCRIPTION:**

Soils Description Completed by: BECS, Inc., Joseph W. Corona, M.S., P.S.S. Date: September 20, 2005

Inches	Description of Horizon
<u>0</u> TO <u>9</u>	<u>Ap 10YR4/3 gravelly silt loam, friable, weak granular structure</u>
<u>9</u> TO <u>25</u>	<u>Bt1 10YR5/6 very-extremely gravelly silt loam, friable, weak subangular blocky structure</u>
<u>25</u> TO <u>35</u>	<u>Bt2 10YR5/4 gravelly silt loam, friable-firm, moderate subangular blocky structure</u>
_____ TO _____	<u>No Limiting Zone to 35 inches</u>
_____ TO _____	_____
_____ TO _____	<u>Confirming Test Pit # 335 - 22" open voids</u>

**PERCOLATION TEST:**

Percolation Test Completed by: BECS, Inc., Ryan S. Detweiler Date: November 10, 2005

- Weather Conditions:  Below 40°F  40°F or above  Dry  Rain, Sleet, Snow (last 24 hours)  
 Soil Conditions:  Wet  Dry  Frozen

Hole 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
	Yes	No									
1	x		10 / 30	3	2.75	2.75	2.75	-			
2	x		10 / 30	1.75	1.75	1.75	1.75	-			
3	x		10 / 30	1.125	.875	.875	.875	-			
4	x		10 / 30	5.25	4.5	4.375	4	3.75	3.75	3.5	3.375
5	x		10 / 30	2.75	2.25	2.25	2.125	2.125	-		
6	x		10 / 30	2.375	2.125	2.125	1.875	1.875	-		

\*\*\*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 Minutes/Inch	Depth of Hole
1	<u>2.75</u> *	<u>10.91</u>	<u>14</u> *
2	<u>1.75</u> *	<u>17.14</u>	<u>14</u> *
3	<u>.875</u> *	<u>34.29</u>	<u>14</u> *
4	<u>3.375</u> *	<u>8.89</u>	<u>14</u> *
5	<u>2.125</u> *	<u>14.18</u>	<u>14</u> *
6	<u>1.875</u> *	<u>16</u>	<u>14</u> * <small>Min Inch</small>
TOTAL OF MIN / IN →		<u>104.41</u>	= <u>16.90</u>
TOTAL NO. OF HOLES →		<u>6</u>	

The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by DEP.

(S) [Signature]  
Sewage Enforcement Officer

White - Local Agency

Yellow - Applicant

Pink - Local DEP Office



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

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Application No. \_\_\_\_\_ Municipality Plainfield Township County Northampton

Site Location Lot 7 - Test Pit # 335 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Br \_\_\_\_\_ Slope \_\_\_\_\_ % Depth to Limiting Zone 22 inches Ave. Perc. Rate \_\_\_\_\_
- UNSUITABLE  Mottling  Seeps or Ponded Water  Bedrock  Fractures  Coarse Fragments
- Perc. Rate  Slope  Unstabilized Fill  Floodplain  Other \_\_\_\_\_

**SOILS DESCRIPTION:**

Soils Description Completed by: BECS, Inc., Joseph W. Corona, M.S., P.S.S. Date: September 20, 2005

Inches	Description of Horizon
<u>0</u> TO <u>8</u>	<u>Ap 10YR4/3 very gravelly silt loam, friable, weak granular structure</u>
<u>8</u> TO <u>22</u>	<u>Bw 10YR5/6 very channery silt loam, friable, weak subangular blocky structure</u>
<u>+22</u> TO _____	<u>Cr extremely gravelly open voids</u>
_____ TO _____	<u>Limiting Zone - 22 inches open voids</u>
_____ TO _____	_____
_____ TO _____	_____

**PERCOLATION TEST:**

Percolation Test Completed by: \_\_\_\_\_ Date: \_\_\_\_\_

Weather Conditions:  Below 40°F  40°F or above  Dry  Rain, Sleet, Snow (last 24 hours)

Soil Conditions:  Wet  Dry  Frozen

Hole 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
	Yes	No									
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								
			10 / 30								

\*\*\*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 Minutes/Inch	Depth of Hole
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
TOTAL OF MIN / IN →	_____	=	_____
TOTAL NO. OF HOLES →	_____		_____

The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by DEP.

(S) [Signature]  
Sewage Enforcement Officer