



**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 29, Test Pit # 303 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Br Slope \_\_\_\_\_% Depth to Limiting Zone +35 inches Ave. Perc. Rate 8.15  
 UNSUITABLE  Mottling  Seeps or Pondered 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>24</u>	<u>Bw 10YR5/6 very channery silt loam, friable, weak subangular blocky structure</u>
<u>24</u> TO <u>35</u>	<u>BC 10YR5/6 extremely channery silt loam, friable, weak subangular blocky structure</u>
_____ TO _____	<u>No Limiting Zone to 35 inches</u>
_____ TO _____	_____
_____ TO _____	<u>Confirming test pit # 304 - 26" open voids</u>

**PERCOLATION TEST:**

Percolation Test Completed by: BECS, Inc., Ryan S. Detweiler Date: November 11, 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	5.5	5	4.375	4.125	4.125	3.75	3.375	3
2		x	10/30	6+	5.875	5.875	5.75	5.625	-		
3		x	10/30	4.125	3.5	3	3	3	2.75	-	
4		x	10/30	6+	5.125	4.875	4.5	4.125	4.125	3.75	3.25
5	x		10/30	1.375	1.125	1.125	1.125	-			
6	x		10/30	4.5	4	3.75	3.5	3.375	3.25	3.125	2.875

\*\*\*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>3</u>	<u>3.3</u>	<u>18</u>
2	<u>5.625</u>	<u>1.8</u>	<u>18</u>
3	<u>2.75</u>	<u>3.6</u>	<u>18</u>
4	<u>3.25</u>	<u>3.1</u>	<u>18</u>
5	<u>1.125</u>	<u>26.7</u>	<u>18</u>
6	<u>2.875</u>	<u>10.4</u>	<u>18</u>
TOTAL OF MIN / IN →		<u>48.9</u>	= <u>8.15</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



**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 29 - Test Pit # 356 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Br \_\_\_\_\_ Slope \_\_\_\_\_% Depth to Limiting Zone 23 inches Ave. Perc. Rate 23.70  
 UNSUITABLE  Mottling  Seeps or Pondered Water  Bedrock  Fractures  Coarse Fragments  
 Perc. Rate  Slope  Unstabilized Fill  Floodplain  Other \_\_\_\_\_

**SOILS DESCRIPTION:**

Soils Description Completed by: BECS, Inc., Colin M. Brand, P.G., P.S.S., S.E.O. Date: October 5, 2005

Inches	Description of Horizon
<u>0</u> TO <u>10</u>	<u>Ap 10YR4/3 channery silt loam, friable, moderate granular structure</u>
<u>10</u> TO <u>18</u>	<u>Az 10YR4/3 channery silt loam, friable, weak subangular blocky structure</u>
<u>18</u> TO <u>23</u>	<u>Bw1 10YR5/6 channery silt loam, friable, moderate granular structure</u>
<u>+23</u> TO _____	<u>Bw2/Cr 10YR5/4 very channery silt loam/channers, friable, weak subangular blocky structure</u>
_____ TO _____	<u>Limiting Zone - 23 inches open voids</u>
_____ TO _____	<u>Confirming Test Pit # 357 - 24 inches open voids</u>

**PERCOLATION TEST:**

Percolation Test Completed by: BECS, Inc., Ryan S. Detweiler Date: November 11, 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	2.5	2.5	2.5	2.25	-		
2	x		10/30	.625	.5	.625	.5	-			
3	x		10/30	1.375	1.25	1.25	1.25	-			
4	x		10/30	4.375	4.125	4.375	4.125	-			
5	x		10/30	1.125	1	1.25	1.125	-			
6	x		10/30	3.5	3.125	3	2.875	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	<u>2.25</u> *	<u>13.33</u>	<u>15</u> *
2	<u>.5</u> *	<u>60</u>	<u>15</u> *
3	<u>1.25</u> *	<u>24</u>	<u>15</u> *
4	<u>4.125</u> *	<u>7.27</u>	<u>15</u> *
5	<u>1.125</u> *	<u>26.67</u>	<u>15</u> *
6	<u>2.75</u> *	<u>10.91</u>	<u>15</u> *
TOTAL OF MIN / IN →		<u>142.18</u>	= <u>23.70</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



**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 29 - Test Pit # 304 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Br Slope \_\_\_\_\_% Depth to Limiting Zone 26 inches Ave. Perc. Rate \_\_\_\_\_
- 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>14</u>	<u>Bw1 10YR5/6 extremely gravelly silt loam, friable, weak subangular blocky structure</u>
<u>14</u> TO <u>26</u>	<u>Bw2 10YR5/6 very channery silt loam, friable, weak subangular blocky structure</u>
<u>+26</u> TO _____	<u>Cr extremely channery open voids</u>
_____ TO _____	<u>Limiting Zone - 26 inches open voids</u>
_____ 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 →		=	_____ <sup>Min</sup> / <sub>Inch</sub>
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



**SITE INVESTIGATION AND PERCOLATION  
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INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

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

Site Location Lot 29 - Test Pit # 342 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Wk Slope \_\_\_\_\_% Depth to Limiting Zone 19 inches Ave. Perc. Rate \_\_\_\_\_
- 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., Colin M. Brand, P.G., P.S.S., S.E.O. Date: September 22, 2005

Inches	Description of Horizon
<u>0</u> TO <u>12</u>	<u>Ap 10YR4/3 channery silt loam, friable, weak subangular blocky structure</u>
<u>12</u> TO <u>19</u>	<u>Bw1 10YR5/6 channery silt loam, friable, weak subangular blocky structure</u>
<u>19</u> TO <u>24</u>	<u>Bw2/Cr 10YR5/4 very channery silt loam/channers, friable, weak subangular blocky structure</u>
_____ TO _____	<u>Limiting Zone - 19 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									
			<u>10 / 30</u>								
			<u>10 / 30</u>								
			<u>10 / 30</u>								
			<u>10 / 30</u>								
			<u>10 / 30</u>								
			<u>10 / 30</u>								

\*\*\*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) Chad J. Hall  
Sewage Enforcement Officer