



**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 27 - Test Pit # 313 Subdivision Name Estates at Colony Park

SUITABLE Soil Type Br Slope _____% Depth to Limiting Zone 20 inches Ave. Perc. Rate 10.32
 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>20</u>	<u>BwC 10YR5/8 very-extremely channery silt loam, friable, weak subangular blocky structure</u>
<u>+20</u> TO _____	<u>Cr extremely channery open voids</u>
_____ TO _____	<u>Limiting Zone - 20 inches open voids</u>
_____ TO _____	_____
_____ TO _____	<u>confirming test pit # 343 - 20" open voids</u>

PERCOLATION TEST:

Percolation Test Completed by: BECS, Inc., Joshua 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	3.5	3.375	3.375	3.25	-			
2	x		10/30	2.625	2.625	2.5	2.25	2.25	2.375	-	
3	x		10/30	1.75	1.75	1.875	1.75	-			
4		x	10/30	5.25	4.5	4.625	4.5	4.5	-		
5	x		10/30	2.25	2.25	2	2	-			
6		x	10/30	2.25	1.875	1.625	1.75	1.75	-		

***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>3.25</u> *	<u>9.23</u>	<u>12</u> "
2	<u>2.375</u> *	<u>12.63</u>	<u>12</u> "
3	<u>1.75</u> *	<u>17.14</u>	<u>12</u> "
4	<u>4.5</u> *	<u>2.2</u>	<u>12</u> "
5	<u>2</u> *	<u>15</u>	<u>12</u> "
6	<u>1.75</u> *	<u>5.7</u>	<u>12</u> "
TOTAL OF MIN / IN →		<u>61.9</u>	= <u>10.32</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 27 - Test Pit # 344 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Br _____ Slope _____ % Depth to Limiting Zone 20 inches Ave. Perc. Rate 7.90
 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., Colin M. Brand, P.G., P.S.S., S.E.O. Date: September 22, 2005

Inches	Description of Horizon
<u>0</u> TO <u>9</u>	<u>Ap 10YR4/3 channery silt loam, friable, weak granular structure</u>
<u>9</u> TO <u>17</u>	<u>Bw 10YR5/6 very channery silt loam, friable, weak subangular blocky structure</u>
<u>17</u> TO <u>20</u>	<u>C 10YR5/4 extremely channery silt loam, friable, structureless</u>
_____ TO _____	<u>Limiting Zone - 20 inches open voids</u>
_____ TO _____	_____
_____ TO _____	<u>Confirming Test Pit # 358 - 22 inches open voids</u>

PERCOLATION TEST:

Percolation Test Completed by: BECS, Inc., Joshua 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	3.625	3.75	3.25	3.25	3	3.25	-	
2	x		10/30	1.875	1.75	1.625	1.625	-			
3	x		10/30	4.5	4.375	4.125	4	3.875	3.75	3.75	-
4		x	10/30	2.5	2.25	2.125	2	2	-		
5		x	10/30	6+	4.5	3.75	3.875	3.75	3.75	-	
6		x	10/30	3.5	2.75	2.625	2.625	2.5	-		

***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>3.25</u>	<u>9.23</u>	<u>12</u>
2	<u>1.625</u>	<u>18.46</u>	<u>12</u>
3	<u>3.75</u>	<u>8</u>	<u>12</u>
4	<u>2</u>	<u>5</u>	<u>12</u>
5	<u>3.75</u>	<u>2.7</u>	<u>12</u>
6	<u>2.5</u>	<u>4</u>	<u>12</u>
TOTAL OF MIN / IN →		<u>47.39</u>	= <u>7.90</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



**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 27 Test Pit # 343 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Br _____ Slope _____% Depth to Limiting Zone 20 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>9</u>	<u>Ap 10YR4/3 channery silt loam, friable, moderate subangular blocky structure</u>
<u>9</u> TO <u>16</u>	<u>Bw1 10YR5/4 channery silt loam, friable, weak subangular blocky structure</u>
<u>16</u> TO <u>20</u>	<u>Bw2 10YR5/4 very channery silt loam, very friable, weak subangular blocky structure</u>
_____ TO _____	<u>Limiting Zone - 20 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) Colin M. Brand
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 27 - Test Pit # 358 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Br Slope _____% Depth to Limiting Zone 22 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: October 5, 2005

Inches	Description of Horizon
<u>0</u> TO <u>10</u>	<u>Ap 10YR4/3 very channery silt loam, friable, weak granular structure</u>
<u>10</u> TO <u>22</u>	<u>Bw1 10YR5/6 very channery silt loam, friable, weak subangular blocky structure</u>
<u>+22</u> TO _____	<u>Bw2/Cr 10YR5/4 very chan silt loam/channers, very friable, weak subangular blocky structure</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

- White - Local Agency Yellow - Applicant Pink - Local DEP Office