



**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 28 - Test Pit # 306 Subdivision Name Estates at Colony Park

SUITABLE Soil Type Br Slope _____% Depth to Limiting Zone 22 inches Ave. Perc. Rate 7.08
 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>12</u>	<u>Ap 10YR4/3 very gravelly silt loam, friable, weak granular structure</u>
<u>12</u> TO <u>22</u>	<u>BwC 10YR5/6 very-extremely channery silt loam, friable, weak subangular blocky structure</u>
<u>+22</u> TO _____	<u>Cr extremely channery open voids</u>
_____ TO _____	<u>Limiting Zone - 22 inches open voids</u>
_____ TO _____	_____
_____ TO _____	<u>Confirming test pit # 310 - 21" 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	2.125	2.125	2.125	2	-			
2		x	10 / 30	6+	5.125	4.5	4.125	3.875	3.875	3.875	-
3		x	10 / 30	5.625	5.75	5.5	4.5	4	3	2.625	2.5
4		x	10 / 30	2.375	2	2	1.875	1.875	-		
5		x	10 / 30	6+	6+	6+	6+	6+	5.875	5.5	4.375
6	x		10 / 30	2.5	2.375	2.375	2.25	-			

***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	2	15	13
2	3.875	2.6	13
3	2.5	4	13
4	1.875	5.3	13
5	4.375	2.3	13
6	2.25	13.3	13
TOTAL OF MIN / IN →		42.5	= 7.08
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

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 28 - Test Pit # 308 Subdivision Name Estates at Colony Park

SUITABLE Soil Type Br Slope _____% Depth to Limiting Zone 20 inches Ave. Perc. Rate 5.51
 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>11</u>	<u>Ap 10YR4/2 very gravelly silt loam, friable, weak granular structure</u>
<u>11</u> TO <u>20</u>	<u>Bw 10YR5/6 very gravelly 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 # 341 - 21" 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:	Reading No. 2:	Reading No. 3:	Reading No. 4:	Reading No. 5:	Reading No. 6:	Reading No. 7:	Reading No. 8:
	Yes	No		Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop	Inches of drop
1		x	10 / 30	3	3.125	2.625	2.375	2.375	2.375	-	
2	x		10 / 30	3.75	3.75	3.5	3.5	-			
3		x	10 / 30	6+	5.875	4	3.25	3.5	3.25	2.875	2.75
4		x	10 / 30	2.75	2.375	2.25	2.25	-			
5	x		10 / 30	4.375	3.75	3.625	3.75	3.625	-		
6		x	10 / 30	4	3.625	3.25	2.25	2.75	2.75	2.5	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>2.375</u>	<u>4.2</u>	<u>12</u>
2	<u>3.5</u>	<u>8.57</u>	<u>12</u>
3	<u>2.75</u>	<u>3.6</u>	<u>12</u>
4	<u>2.25</u>	<u>4.4</u>	<u>12</u>
5	<u>3.625</u>	<u>8.28</u>	<u>12</u>
6	<u>2.5</u>	<u>4</u>	<u>12</u>
TOTAL OF MIN / IN →		<u>33.05</u>	= <u>5.51</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

**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 28 Test Pit # 301 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>8</u>	<u>Ap 10YR4/2 very gravelly silt loam, friable, weak granular structure</u>
<u>8</u> TO <u>19</u>	<u>Bw1 10YR5/6 extremely gravelly silt loam, friable, weak subangular blocky structure</u>
<u>19</u> TO <u>26</u>	<u>Bw2 10YR5/6 very channery silt loam, friable, weak subangular blocky structure</u>
_____ TO _____	<u>No Limiting Zone to 26 inches</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 →	_____		_____

Min
Inch

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(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 28 - Test Pit # 310 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Br _____ Slope _____ % Depth to Limiting Zone 21 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>11</u>	<u>Ap 10YR4/2 very gravelly silt loam, friable, weak granular structure</u>
<u>11</u> TO <u>21</u>	<u>Bw 10YR5/6 very gravelly silt loam, friable, weak subangular blocky structure</u>
<u>+21</u> TO _____	<u>Cr extremely channery open voids</u>
_____ TO _____	<u>Limiting Zone - 21 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

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**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 28 - Test Pit # 341 Subdivision Name Estates at Colony Park

- SUITABLE Soil Type Br Slope _____% Depth to Limiting Zone 21 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>11</u>	<u>Ap 10YR4/3 channery silt loam, friable, weak subangular blocky structure</u>
<u>11</u> TO <u>21</u>	<u>Bw1 10YR5/6 channery silt loam, friable, weak subangular blocky structure</u>
<u>21</u> TO <u>29</u>	<u>Bw2/Cr 10YR5/4 very channery silt loam/channers, friable, weak subangular blocky structure</u>
_____ TO _____	<u>Limiting Zone - 21 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: <small>Inches of drop</small>	Reading No. 2: <small>Inches of drop</small>	Reading No. 3: <small>Inches of drop</small>	Reading No. 4: <small>Inches of drop</small>	Reading No. 5: <small>Inches of drop</small>	Reading No. 6: <small>Inches of drop</small>	Reading No. 7: <small>Inches of drop</small>	Reading No. 8: <small>Inches of drop</small>
	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 →			_____

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(S) [Signature]
Sewage Enforcement Officer