

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER QUALITY PROTECTION

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

ER-BWQ-290 Appendix A

Application No. \_\_\_\_\_ Municipality Plainfield County Northampton  
Site Location Lot 30 89-90 Subdivision Name Crest View Farms II  
 SUITABLE Soil Type BtB Slope \_\_\_\_\_ % Depth to Limiting Zone 31" Ave. Perc. Rate 29 n/.  
 UNSUITABLE  Mottling  Seeps or Pooled 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:

Soils Description Completed by: Craig Cox Date: 7-30-02  
Inches Description of Horizon  
0 TO 10 Dark brown silt loam, gran, friable 89-35" mottles  
10 TO 17 Brown silt loam, gran, friable, gravelly  
17 TO 30 Pale br sil, v. channery, gran. friable  
30 TO 67 Dark br sil, v. chan, gran, 31" mottles  
Depth to limiting Zone: 31 inches

PERCOLATION TEST:

Percolation Test Completed by: Earth Tech - Todd Cox Date: 11-21-02  
Weather Conditions:  Below 40°F  40°F or above  Dry  Rain, Sleet, Snow (last 24 hours)  
Soil Conditions:  Wet  Dry  Frozen

89-90

Hole No.	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	✓		10/30	1 1/4	7/8	5/8	7/8	5/8			
2	✓		10/30	3/8	1/4	3/8	3/8				
3	✓		10/30	3	3 1/2	2 7/8	3 1/8				
4	✓		10/30	4 5/8	4 3/8	3 3/4	3 3/4	2 1/2	2 3/4	2 3/4	
5	✓		10/30	4 1/2	4 1/8	3 1/8	4	2 7/8	3 1/8	3 1/8	
6	✓		10/30	3	2 3/4	2 1/8	2 3/4	1 3/4	1 7/8	2	

\*\*\*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	.625 "	48.0	20 "
2	.375 "	80.0	"
3	3.125 "	9.6	"
4	2.75 "	10.9	"
5	3.125 "	9.6	"
6	2.00 "	15.0	"
TOTAL OF MIN / IN →		173.1	= 29.0 <small>Min Inch</small>
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 the Department.

(S) [Signature]  
Sewage Enforcement Officer 01887

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TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

ER-BWQ-290 Appendix A

Application No. \_\_\_\_\_ Municipality Plainfield County North  
 Site Location Lot 30 91 Subdivision Name Crest View Farm II  
 SUITABLE Soil Type BrB Slope \_\_\_\_\_ % Depth to Limiting Zone 31" Ave. Perc. Rate 24 n/i  
 UNSUITABLE  Mottling  Seeps or Poned 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: 90  
 Soils Description Completed by: Craig Cox Date: 7-30-02  
 Description of Horizon  
 Inches TO Description of Horizon  
0 TO 12 Dark br silt loam, granular, friable Pr 90-31" mottles  
12 TO 20 L. brown sil, granular, friable, grav. Pr 89-35" mottles  
20 TO 32 Pale br sil, v. channoy, gran, friable  
32 TO 70 Red br sil, v. channoy, gran, friable 32" mottles  
 Depth to limiting Zone: 31 inches

PERCOLATION TEST:  
 Percolation Test Completed by: EarthTech-Todd Cox Date: 11-21-02  
 Weather Conditions:  Below 40°F  40°F or above  Dry  Rain, Sleet, Snow (last 24 hours)  
 Soil Conditions:  Wet  Dry  Frozen  
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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	✓		10/30	3 3/4	3 5/8	3 1/2	3 3/4				
2	✓		10/30	3	3 1/8	2 7/8	3				
3	✓		10/30	2 1/4	2 1/8	1 7/8	1 7/8	1 7/8			
4	✓		10/30	7/8	7/8	7/8	7/8				
5	✓		10/30	3 1/8	2 7/8	2 3/8	2 5/8	2 1/8	2 1/8	2	
6	✓		10/30	1/2	5/8	1/2	5/8	1/2			

\*\*\*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 3/4 "	8.0	20 "
2	3 "	10.0	"
3	1 7/8 "	16.0	"
4	7/8 "	34.3	"
5	2 "	15.0	"
6	1/2 "	60.0	"
TOTAL OF MIN / IN →		143.3	= 24.0 Min Inch
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 the Department.  
 (S) [Signature]  
 Sewage Enforcement Officer (SEF)

