



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE 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. Planning Municipality Miller County Huntingdon

Site Location Stone Creek Ridge Road (tax Id#29-07-04) Subdivision Name Heine

SUITABLE Soil Type BkS Slope 4% Depth to Limiting Zone 24" Ave. Perc. Rate 33.41
 UNSUITABLE Mottling Seeps or Pondered Water Bedrock Fractures Coarse Fragments
 Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:

Soils Description Completed by: Jamie Catanese / TP 2-3 Date: 10/16/17

Inches	Description of Horizon
0 TO 6	7.5YR 3/3, ST, SIL, SBK, F, D Bound
<u>2</u> 6 TO 15	7.5YR, 5/4, ST, SIL, SBK, F, D Bound
15 TO 27	10YR 6/6, CH, SIL, 1SBK, F, F D Mottles @ 27" / SHWT @ 27"
TO _____	_____
0 TO 7	7.5YR 3/3, ST, SIL, SBK, F, D Bound
<u>3</u> 7 TO 24	7.5YR 5/4, CH, SIL, SBK, F, M D Mottles @ 24"

PERCOLATION TEST:

Percolation Test Completed by: Jamie Catanese Date: 10/23/17

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 / <u>30</u>	2	1 1/2	1 1/4	1 3/8	1 1/8	1 3/8		
2	X		10 / <u>30</u>	1 1/2	1 1/4	7/8	3/4	5/8	3/4		
3	X		10 / <u>30</u>	2 3/4	1 7/8	2 1/8	1 3/4	1 5/8	1 1/4	7/8	1 1/8
4		X	10 / <u>30</u>	5/8	7/8	1/2	3/4	7/8	1 1/8	3/4	5/8
5	X		10 / <u>30</u>	1 3/8	7/8	5/8	3/8	1/4	3/8	3/8	
6	X		10 / <u>30</u>	2 3/4	2 3/8	1 7/8	1 3/4	1 7/8	1 7/8		

***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	1 3/8	21.8	20
2	3/4	40	20
3	1 1/8	26.7	20
4	5/8	16	20
5	3/8	80	20
6	1 7/8	16	20
TOTAL OF MIN / IN →		200.5	= 33.41
TOTAL NO. OF HOLES →		6	

Gate

4
3
2
1
Pl.

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) *Jamie Catanese*
Sewage Enforcement Officer



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TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE**

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SUITABLE Soil Type BkS Slope 4% Depth to Limiting Zone 27" Ave. Perc. Rate 20.35

UNSUITABLE Mottling Seeps or Pounded Water Bedrock Fractures Coarse Fragments

Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:

Soils Description Completed by: Jamie Catanese / TP 1-2 Date: 10/16/17

Inches

Description of Horizon

0 TO 12 7.5YR 3/3, ST, SIL, SBK, F, D Bound

1 12 TO 23 7.5YR 6/4, ST, SIL, SBK, F, D Bound

23 TO 37 10YR 6/3, VST, SIL, SBK, F, F D Mottles @ 37" / SHWT @ 37"

0 TO 6 7.5YR 3/3, ST, SIL, SBK, F, D Bound

2 6 TO 15 7.5YR, 5/4, ST, SIL, SBK, F, D Bound

15 TO 27 10YR 6/6, CH, SIL, 1SBK, F, F D Mottles @ 27" / SHWT @ 27"

PERCOLATION TEST:

Percolation Test Completed by: Jamie Catanese Date: 10/23/17

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	1 1/2	1 1/4	1 5/8	1 1/2	1 3/8	1 3/8		
2	X		10 / 30	1 7/8	1 3/4	1 3/4	1 3/4				
3	X		10 / 30	2 7/8	2 3/4	2 1/2	2 5/8	2 5/8			
4	X		10 / 30	1/2	7/8	5/8	5/8	3/4			
5	X		10 / 30	1 5/8	1 3/4	1 7/8	1 5/8				
6		X	10 / 30	5/8	7/8	1/2	7/8	5/8	3/4	3/4	

***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	1 3/8"	21.8	20"
2	1 3/4"	17.1	20"
3	2 5/8"	11.4	20"
4	3/4"	40	20"
5	1 5/8"	18.5	20"
6	3/4"	13.3	20"
TOTAL OF MIN / IN →		122.1	= 20.35
TOTAL NO. OF HOLES →		6	

GATE

1 1/2

3 1/4

P.L.

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) Jamie Catanese
Sewage Enforcement Officer

White - Local Agency

Pink - Local DEP Office

Yellow - Applicant