



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. Z177287 Municipality Penn Township County Huntingdon

Site Location Pine Lane Subdivision Name Robert Bone Probe 3

SUITABLE Soil Type _____ Slope 11% Depth to Limiting Zone 24" Ave. Perc. Rate 47.5
 UNSUITABLE Mottling Seeps or Pondered Water Bedrock Fractures Coarse Fragments
 Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:

Soils Description Completed by: Todd M. Musser Date: 04/29/17

Inches	Description of Horizon
<u>0</u> TO <u>4</u>	<u>10YR 3/3 Silt Loam, med., SBK, friable, ns, np, 0% c. frags</u>
<u>4</u> TO <u>15</u>	<u>10YR 5/3 Silty Clay Loam, med., SBK, friable, ss, sp, stony, 25% c. frags</u>
<u>15</u> TO <u>24</u>	<u>7.5YR 5/8 Silty Clay, med., SBK, firm, s, p, stony, 35% c. frags,</u>
<u>24</u> TO <u>BOH</u>	<u>7.5YR 5/8 Silty Clay, med., SBK, s, p, v. firm, stony, 50% c. frags, Redox cMD</u>
_____ TO _____	_____
_____ TO _____	<u>Perc Site Closest to Pine Lane</u>

PERCOLATION TEST:

Percolation Test Completed by: Cheryl Musser Date: 05/23/17

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: 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	3/8	1/4	3/8	3/8				
2		X	10 / 30	1 3/4	1 7/8	2	2				
3	X		10 / 30	3/4	3/4	5/8	1/2				
4	X		10 / 30	1 7/8	1 1/2	1 1/2	1 3/4				
5	X		10 / 30	3/8	1/4	1/2	3/8				
6	X		10 / 30	1	3/4	3/4	5/8	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	<u>.375</u> "	<u>80</u>	<u>20</u> "
2	<u>2</u> "	<u>5</u>	<u>20</u> "
3	<u>.5</u> "	<u>60</u>	<u>20</u> "
4	<u>1.75</u> "	<u>17.1</u>	<u>20</u> "
5	<u>.375</u> "	<u>80</u>	<u>20</u> "
6	<u>.75</u> "	<u>40</u>	<u>20</u> "
TOTAL OF MIN / IN →		<u>282.1</u>	= <u>47.02</u> ^{Min} / _{Inch}
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) Cheryl Musser
Sewage Enforcement Officer

White - Local Agency

Yellow - Applicant

PINK - Local DEP Office



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INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

Application No. Z177287 Municipality Penn Township County Huntingdon
 Site Location Pine Lane Subdivision Name Robert Bone Probe 2
 SUITABLE Soil Type _____ Slope 11% Depth to Limiting Zone 22" Ave. Perc. Rate 154
 UNSUITABLE Mottling Seeps or Ponded Water Bedrock Fractures Coarse Fragments
 Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:

Soils Description Completed by: Todd M. Musser Date: 04/29/17

Inches	Description of Horizon
<u>0</u> TO <u>7</u>	<u>7.5YR 3/3 Silt Loam, med., SBK, friable, ns, sp, stony, 25% c. frags</u>
<u>7</u> TO <u>22</u>	<u>10YR 5/3 Silty Clay Loam, med., SBK, firm, ss, sp, stony, 40% c. frags</u>
<u>22</u> TO <u>BOH</u>	<u>7.5YR 5/8 Silty Clay, med., SBK, firm, s, p, stony, 60% c. frags, Redox CMD</u>
_____ TO _____	_____
_____ TO _____	_____
_____ TO _____	_____

PERCOLATION TEST:

Percolation Test Completed by: Cheryl Musser Date: 05/23/17

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: 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	1/8	1/4	1/8	1/8				
2	X		10 / 30	1/4	1/4	1/8	1/4				
3	X		10 / 30	1/8	1/8	0	1/8				
4	X		10 / 30	1/4	3/8	1/4	3/8				
5	X		10 / 30	1/4	1/4	1/8	1/4				
6	X		10 / 30	1/8	1/4	1/8	1/4				

***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	<u>.125</u> "	<u>240</u>	<u>20</u> "
2	<u>.25</u> "	<u>120</u>	<u>20</u> "
3	<u>.125</u> "	<u>240</u>	<u>20</u> "
4	<u>.375</u> "	<u>80</u>	<u>20</u> "
5	<u>.25</u> "	<u>120</u>	<u>20</u> "
6	<u>.25</u> "	<u>120</u>	<u>20</u> "
TOTAL OF MIN / IN →		<u>920</u>	= <u>153.3</u> ^{Min} / _{Inch}
TOTAL NO. OF HOLES →		<u>6</u>	

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(S) Cheryl Musser
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. Z177287 Municipality Penn Township County Huntingdon

Site Location Pine Lane Subdivision Name Robert Bone Probe 1

SUITABLE Soil Type Eg Slope 8% Depth to Limiting Zone 27" 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: Todd M. Musser Date: 04/29/17

Inches	Description of Horizon
<u>0</u> TO <u>3</u>	<u>7.5YR 3/3 Silt Loam, fine, SBK, friable, ss, np, 0% c. frags</u>
<u>3</u> TO <u>9</u>	<u>10YR 5/8 Silty Clay Loam, med., SBK, friable, ss, sp, stony, 15% c. frags</u>
<u>9</u> TO <u>27</u>	<u>7.5YR 5/8 Silty Clay, med., SBK, firm, s, p, stony, 20% c. frags</u>
<u>27</u> TO <u>BOH</u>	<u>7.5YR 5/8 Silty Clay, med, SBK, very firm, s, p, stony, 40% c. frags, Redox CMD</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 →	_____	=	_____ <u>Min</u>
TOTAL NO. OF HOLES →	_____		_____ <u>Inch</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.

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