

3800-FM-WSWM0290A 9/2001



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 Washington County North
 Site Location LOT 14 Subdivision Name INDIGO ACRES
 SUITABLE Soil Type _____ Slope _____ % Depth to Limiting Zone + 72" Ave. Perc. Rate 7.07 m/j
 UNSUITABLE Mottling Seeps or Poned Water Bedrock Fractures Coarse Fragments
 Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:

Soils Description Completed by: CRAIG COX Date: 3-24-04

Inches	Description of Horizon
0 TO <u>9</u>	<u>PR 103</u> Dark brown silty gran, friable
<u>9</u> TO <u>44</u>	Brown silt loam, sub-ang blocky, friable, shaly
<u>44</u> TO <u>72</u>	Red silty clay loam, sub-ang blocky, mang. st., friable
TO _____	no LZ to 72"
TO _____	
TO _____	<u>PR 105 - no LZ to 74"</u>

PERCOLATION TEST:

Percolation Test Completed by: EARTHTECH-SKYLER HUFF Date: 5-14-04

Weather Conditions: Below 40°F 40°F or above Dry Rain, Sleet, Snow (last 24 hours)
 Soil Conditions: Wet Dry Frozen

103-105

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
<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>10/30</u>	<u>2.875</u>	<u>2.75</u>	<u>2.75</u>	<u>2.75</u>				
<u>2</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10/30</u>	<u>E</u>	<u>E</u>	<u>E</u>	<u>E</u>	<u>4.75</u>	<u>4.50</u>	<u>4.25</u>	<u>4.00</u>
<u>3</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10/30</u>	<u>2.25</u>	<u>2.25</u>	<u>2.25</u>	<u>2.00</u>				
<u>4</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10/30</u>	<u>2.25</u>	<u>1.50</u>	<u>1.75</u>	<u>1.75</u>	<u>1.75</u>			
<u>5</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>10/30</u>	<u>2.25</u>	<u>2.00</u>	<u>2.00</u>	<u>2.00</u>				
<u>6</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>10/30</u>	<u>3.25</u>	<u>3.25</u>	<u>3.25</u>	<u>3.00</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
<u>1</u>	<u>2.75</u> "	<u>10.9</u>	<u>24</u> "
<u>2</u>	<u>4.00</u> "	<u>2.5</u>	"
<u>3</u>	<u>2.00</u> "	<u>5.0</u>	"
<u>4</u>	<u>1.75</u> "	<u>5.7</u>	"
<u>5</u>	<u>2.00</u> "	<u>15.0</u>	"
<u>6</u>	<u>3.00</u> "	<u>33</u>	"
TOTAL OF MIN / IN →		<u>42.4</u>	= <u>7.07</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) Mark T. Peter 01894
 Sewage Enforcement Officer

Local Agency

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

Application No. _____ Municipality Washington County North
 Site Location LOT 14 Subdivision Name INDIGO ACRES
 SUITABLE Soil Type _____ Slope _____ % Depth to Limiting Zone 41" Ave. Perc. Rate 5.5 ml/l
 UNSUITABLE Mortling Seeps or Poned Water Bedrock Fractures Coarse Fragments
 Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:
Soils Description Completed by: CRAIG COX Date: 3-24-04

Inches	Description of Horizon
0 TO 10	<u>DARK BROWN silt loam, gran, friable</u>
10 TO 41	<u>Brown silt loam, granular, friable, shaly</u>
41 TO 62	<u>Red brown silty clay loam, SBK, friable, v. shaly w/ voids from 41"</u>
TO	
TO	
TO	

PERCOLATION TEST:
Percolation Test Completed by: EARTH TECH - SKYLER HUFF Date: 5-14-04

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		✓	10/30	3.25	2.25	2.25	2.25	2.25			
2		✓	10/30	2.50	2.25	2.25	2.50				
3		✓	10/30	1.75	1.50	1.50	1.75				
4		✓	10/30	3.00	2.875	2.75	2.75				
5	✓		10/30	2.75	2.50	2.50	2.50				
6		✓	10/30	3.00	2.75	3.00	3.00				

***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	2.25 "	4.4	20 "
2	2.50 "	4.0	"
3	1.75 "	5.7	"
4	2.75 "	3.6	"
5	2.50 "	12.0	"
6	3.00 "	3.3	"
TOTAL OF MIN / IN →		33.0	= 5.5
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) Stacy T. Kitch 01894
 Sewage Enforcement Officer

Local Agency