

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

Application No. H 26212 Municipality Cass County Huntingdon
 Site Location _____ Subdivision Name Mt. Shirley Lot # 24
 SUITABLE Soil Type Vandalia Slope 10 % Depth to Limiting Zone 26 Ave. Perc. Rate 30
 UNSUITABLE Mottling Seeps or Ponded 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 Complete by: Barry Parks Date: 4-8-93

Inches	Probe #1	Description of Horizon	Depth to Limiting Zone:
<u>0 TO 6</u>		<u>gray sandy soil with 25% sand stone</u>	
<u>6 TO 26</u>		<u>coarse yellow sandy loam 25% sand stone</u>	
_____ TO _____			_____
<u>0 TO 6</u>	<u>Probe #2</u>	<u>gray sandy soil with 25% sand stone</u>	<u>26</u> Inches
<u>6 TO 26</u>		<u>coarse yellow sandy loam 25% sand stone</u>	

PERCOLATION TEST:

Percolation Test Completed by: Barry Parks Date 4-12-93

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
<u>1</u>	<input checked="" type="checkbox"/>		<u>10 / 30</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>				
<u>2</u>	<input checked="" type="checkbox"/>		<u>10 / 30</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>				
<u>3</u>	<input checked="" type="checkbox"/>		<u>10 / 30</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>				
<u>4</u>	<input checked="" type="checkbox"/>		<u>10 / 30</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>				
<u>5</u>	<input checked="" type="checkbox"/>		<u>10 / 30</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>				
<u>6</u>	<input checked="" type="checkbox"/>		<u>10 / 30</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</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>1</u> "	<u>30</u>	<u> </u> "
<u>2</u>	<u>1</u> "	<u>30</u>	<u> </u> "
<u>3</u>	<u>1</u> "	<u>30</u>	<u> </u> "
<u>4</u>	<u>1</u> "	<u>30</u>	<u> </u> "
<u>5</u>	<u>1</u> "	<u>30</u>	<u> </u> "
<u>6</u>	<u>1</u> "	<u>30</u>	<u> </u> "
TOTAL OF MIN / IN →		<u>180</u>	<u>30</u> <small>Min / Inch</small>
TOTAL NO. OF HOLES →		<u>6</u>	

The information provided is the true and correct results of tests conducted by me, performed under my personal supervision, or confirmed in a manner approved by the Department.

(S) Barry Parks
Sewage Enforcement Officer

Perched between probes - probes soft apart