

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

Application No. _____ Municipality Todd County Monticello
 Site Location Lot 8 Subdivision Name Central

- SUITABLE Soil Type _____ Slope _____ % Depth to Limiting Zone _____ Ave. Perc. Rate 23
 UNSUITABLE Mottling Seeps or Pounded 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: _____ Date: _____

Inches	Description of Horizon	
0 TO _____	<u>Just site in hollow</u>	
_____ TO _____		
_____ TO _____	<u>between 25+21</u>	Depth to Limiting Zone: _____ Inches
_____ TO _____		
_____ TO _____		

PERCOLATION TEST:

Percolation Test Completed by: [Signature] Date 8/7/98

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	2	2	2	2				
2			10/30	1 1/4	1	1	1				
3			10/30	1 1/2	1 1/2	1 1/2	1 1/2				
4			10/30	1	1 1/4	1	1				
5			10/30	1 3/4	1 3/4	1 3/4	1 1/2				
6			10/30	1 1/2	1 1/2	1 1/2	1 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	2"	15	20"
2	1"	30	1"
3	1 1/2"	30	1"
4	1"	30	1"
5	1 1/2"	30	1"
6	1 1/2"	30	1"
TOTAL OF MIN / IN →		135	260
TOTAL NO. OF HOLES →		6	23

Min / Inch

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) [Signature]
Sewage Enforcement Officer

Test Results - Schucker subdivision

Lot 1 - perc above #15 with #33
L2 - 27"
Perc - 17
slope 8%

Lot 2 - perc between pits 14 & 32
L2 - 30"
Perc - 59
slope 6%

Lot 3 - pits 35 & 36
L2 - 26"
perc rate - 25
slope 6-7%

Lot 4 - pits 39 & 40
L2 - 21"
perc - 15
slope - 9%

(and) pits 37 & 38
L2 - 24"
Perc - 18
slope 10-11%

Lot 5 - no test site
(site on lot 4)

Lot 6 no test site

Lot 7 pits 29 & 30
L2 24"
perc -
slope

Lot 8 pits 28 & 29
L2 - 34"
perc 23
slope 8-9%

Lot 9 pits 27 & 28
L2 - 28"
perc 22
slope

Lot 10 pits 22 & 23
L2 - 26"
perc 38
slope 5%

Lot 11 pits 8 & 9
L2 26"
perc 53
slope

Lot 12 pits 4 & 5
L2 22"
perc 30
slope 8%

Lot 13 pits 20 & 21
L2 - 22"
perc - 34
slope 12%