

Pit #1

Brown Side on Top Hill

88-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 Sugarloaf Twp County Columbia
Site Location 142 Kearsuff Rd. Benton Subdivision Name Olson

SUITABLE Soil Type CLB Slope 10 % Depth to Limiting Zone 28" Ave. Perc. Rate 45.32
 UNSUITABLE Mottling Seeps or Pooled Water Bedrock Fractures Coarse Fragments
 Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:

Soils Description Completed by: HARRY L. JUMPER Date: 12/12/04

Inches	Description of Horizon
0 TO 14	DK Red Brown, sandy silt clay loam, friable roots good Subangular Blocky, 20% a.f.
14 TO 28	Mottled at 28" Red Br. sandy shaley silt loam, red shale chip granular, 40% a.f.
28 TO 50	lt Red Br. shaley silt clay, very firm, red shale, 60% a.f. Subangular Blocky. 50" Pit depth

PERCOLATION TEST:

Percolation Test Completed by: HARRY L. JUMPER Date: 1/3/05

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)	1	3/4	3/4	1/2	1/2			
2	/		10 (30)	2 3/4	2 1/2	2 1/2	2 1/4	2 1/4			
3	/		10 (30)	3 3/4	2 3/4	3 1/4	3 1/4	3			
4	/		10 (30)	4	3 3/4	3 3/4	3 1/2	3 1/2			
5	/		10 (30)	1	3/4	1/2	1/2	1/2			
6	/		10 (30)	1/2	3/8	1/4	1/4	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	1/2	60	20
2	2 1/4	13.3	20
3	3	10	20
4	3 1/2	8.6	20
5	1/2	60	20
6	1/4	120	20
TOTAL OF MIN / IN →		271.9	= 45.32
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) HARRY L. JUMPER #00515
Sewage Enforcement Officer

Local Agency

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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 Sugarloaf Twp County Columbia
 Site Location 142 HEARKEFF RD. BENTON Subdivision Name OISEN
 SUITABLE Soil Type CB2 Slope 10 % Depth to Limiting Zone 28" Ave. Perc. Rate _____
 UNSUITABLE Mottling Seeps or Pondered Water Bedrock Fractures Coarse Fragments
 Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:

Soils Description Completed by: HARRY L. JUMPER Date: 12/17/04

Inches	Description of Horizon
0 TO 11	OK Red Br. Sandy silty silt loam, roots good, subangular - blocky, 30% C.F.
11 TO 28	Mottles at 28", Red Br. sandy silt loam, shale chips, granular, 50% C.F.
28 TO 48	Lt. Red Br. silt clay loam, shale chips, very firm, subangular blocky, 60% C.F. 48" Pit depth

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									
			10/30								
			10/30								
			10/30								
			10/30								
			10/30								
			10/30								

***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 →	_____	=	_____
TOTAL NO. OF HOLES →	_____		_____

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.
 #00513
 (S) Harry Jumper
 Sewage Enforcement Officer

Local Agency



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
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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 Sugarloaf Twp County Columbo
Site Location 142 Near Kuff Road, Benton Subdivision Name Olson
 SUITABLE Soil Type Ok B2 Slope 8% Depth to Limiting Zone 26" Ave. Perc. Rate 32.88
 UNSUITABLE Mottling Seeps or Ponded Water Bedrock Fractures Coarse Fragments
 Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:

Soils Description Completed by: Harry L Jumper Date: 12/17/04

Inches	Description of Horizon
0 TO 9	DK Red Br. Silt loam shale chip, roots good, subangular
	Blocky 30% c.f.
9 TO 26	Mottles at 26", Red Br. Sandy shaley silt loam, granular
	Some roots, 40% c.f.
26 TO 43	DK Red Br. shaley silt clay very firm, mottled subangular
	Blocky 50 to 60% c.f. 43" pit depth

PERCOLATION TEST:

Percolation Test Completed by: Harry L Jumper Date: 1/3/05

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

Hole No	Yes	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
1	-		10 (30)	3	2 1/2	2 1/4	2 1/4	2 1/4			
2	-		10 (30)	1/2	1/4	1/4	1/4	1/4			
3	-		10 (30)	2	1 3/4	1 1/2	1 1/2	1 1/2			
4	-		10 (30)	5	4 1/2	4 1/2	4 1/2	4 1/2			
5	-		10 (30)	2 1/4	1 1/2	1 1/4	1 1/4	1 1/4			
6	-		10 (30)	2 1/2	2 1/2	2 1/4	2 1/4	2 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	2 1/4	13.3	20
2	1/4	120	20
3	1 1/2	20	20
4	4 1/2	6.7	20
5	1 1/4	27	20
6	2 1/4	13.3	20
TOTAL OF MIN / IN →		197.3	= 32.88
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) Harry Jumper #00513
Sewage Enforcement Officer

Pit #2

3800-FM-WSWM0290A 9/2004



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
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SITE INVESTIGATION AND PERCOLATION
TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

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

Application No. _____ Municipality Sugarloaf Twp County Columbia
Site Location 142 Kearkuff Rd. Benton Subdivision Name Disen

SUITABLE Soil Type ckBa Slope 8 % Depth to Limiting Zone 26" Ave. Perc. Rate _____
 UNSUITABLE Mottling Seeps or Pondered Water Bedrock Fractures Coarse Fragments
 Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:
Soils Description Completed by: HARRY L. JUMPER Date: 12/17/04

Inches	Description of Horizon
0 TO 9	DK Red Brown sandy shales silt loam, roots good, friable subangular blocky, 3090 C.F.
9 TO 27	Mottles at 27" Red Br. sandy shales silt clay loam, granular red shale chips, 4090 C.F.
27 TO 48	H. Red Br. shales silt clay loam, very firm, 5090 C.F.
TO 48	Pit depth

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									
			10/30								
			10/30								
			10/30								
			10/30								
			10/30								
			10/30								

***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 →		=	_____
TOTAL NO. OF HOLES →			_____

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(S) Harry Jumper #00513
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