



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

**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. 2095501 Municipality Cromwell County Huntingdon

Site Location Loop Rd Subdivision Name David Linam

SUITABLE Soil Type _____ Slope 19 % Depth to Limiting Zone 79 in. Ave. Perc. Rate 20.4
 UNSUITABLE Mottling Seeps or Ponded Water Bedrock Fractures Coarse Fragments
 Perc. Rate Slope Unstabilized Fill Floodplain Other _____

SOILS DESCRIPTION:

Soils Description Completed by: Wm Dan Page Date: 10-19-2010

Inches	Description of Horizon
0 TO 8	10YR ⁴ / ₂ , sandy loam, fine granular, loose, 5-10% C/F.
8 TO 28	10YR ⁵ / ₄ , sandy stony loam, fine granular, friable, 20-25% C/F.
28 TO 68	7.5YR ⁵ / ₄ , sandy stony loam, fine granular, friable, 20-25% C/F.
68 TO 79	7.5YR ⁵ / ₄ , sandy gravelly loam, fine granular, friable, 35-45% C/F.
79 TO 86	Excessive coarse fragments
TO _____	_____

PERCOLATION TEST:

Percolation Test Completed by: Polly M. Graybill Date: 10-20-2010

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

Perc Pit #1

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
2	X	10/30	1.0	1.375	1.875	1.75				
3	X	10/30	3.125	3.125	2.875	2.875	2.875			
5	X	10/30	2.875	2.875	2.75	2.25				
7	X	10/30	1.625	1.5	1.5	1.375				
8	X	10/30	2.0	2.0	1.75	1.75				
9		X 10/30	4.375	4.25	4.25	4.125				

***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
2	1.75	40.0	24
3	1.125	26.7	
4	2.875	10.4	
5	2.875	3.5	
6	2.25	48.0	
7	1.375	13.3	
8	1.75	21.8	
9	4.125	17.1	
TOTAL OF MIN / IN →		183.2	= 20.4
TOTAL NO. OF HOLES →		9	

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) Polly M. Graybill
 Sewage Enforcement Officer