

# APPLICATION

PERCOLATION TESTING

A 516874

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

*T/c to Bldg - FEE REQUESTED 3/14/02 MR Resolved*

DISTRICT \_\_\_\_\_

DATE 3/19/02

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Hiker Estate LOT NO. Near Main House (Proposed Area 3 & 4)

ROAD AND DESCRIPTION 4078 Foxbury Mills Rd

TAX MAP 21 PARCEL # B Bk 8

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

514874

COUNTY #

SOIL PROFILE

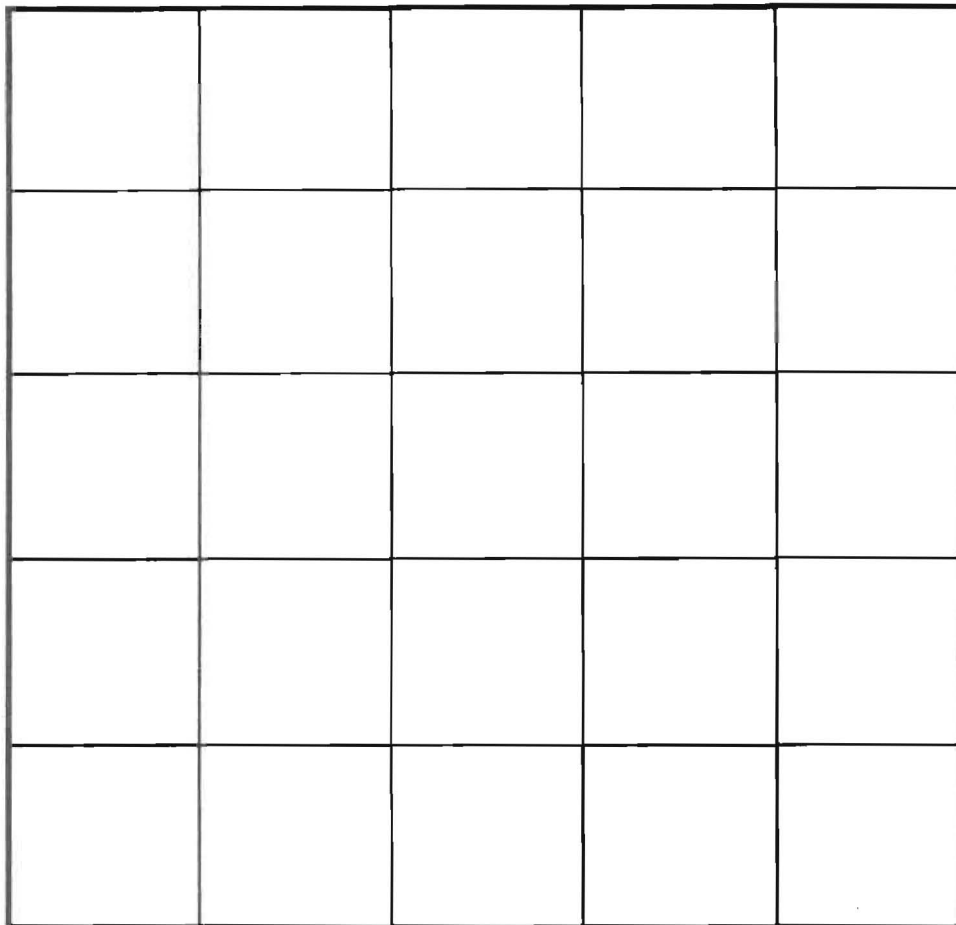
0' 211  
 Loamy fill  
 15" Ban L (2VFSbk) of soils  
 15" var. yellow SL c 2% red soil m. 1% yellow m. 1% (Mica) (F. 1%)  
 24" var. red, yellow, & old white horizontal layers SL (Mica Sp. 1%)  
 alternating yellow Brn + Red sand layers of Mic SL  
 4' Mix white SL + rounded weathered granite stones  
 5 1/2" generally Neutral Brown Mic SL Sp. 1% of fine c. 1% of stones / granite  
 16"

215B

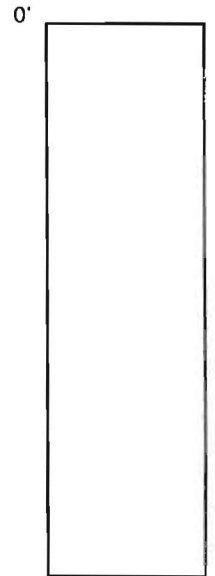
2 1/4" Red Brn CL  
 Neutral Brn (Var) Mic SL  
 ± some (5-10%) granitic schist stones & boulders (disg. 1/2") at mid depths.  
 15"

209

6" platy red (granitic schist) product on SW wall  
 11" Mid Brn - var. Red Brn Mic SL (5-15% stony)  
 14"



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/1/02	211	v16'	Bottom of gravel + old stained (p-c 2d) all stains on Rock Face				
	215	v9'			Ridge of hard bank containing ultimate probe		Fail
					in angular cobbles + Boulders (60-80%) from 3ft to Bottom of Hole (granitic Schist)		Pass
	215B	v15'			Mica SL > 3'		
	213	v12'	Too Rocky		6-11ft (very stony granitic schist) boulders		Fail
					in Mic SL Sp. 1% (60-80%)		
	214	v12'	Too Rocky				Fail
	209		Marginal				Fail

REMARKS 6" platy red (some rocky) and surface already graded.  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY R. J. [Signature] ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

## PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

*perc fee for New Septic Areas  
Not Paid yet. ?? 3/1/02  
APP*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*Purpose  
For gravity system alternate area (septic)  
where, previously approved but pumped area is available*

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

### PROPERTY LOCATION:

SUBDIVISION Hubert estate LOT NO. Processed area #2  
New Main House (Auxiliary Septic Area)

ROAD AND DESCRIPTION 4098 Roxbury Mills Rd

TAX MAP 21 PARCEL # 13 Blk 8

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

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# THIS IS NOT A PERMIT

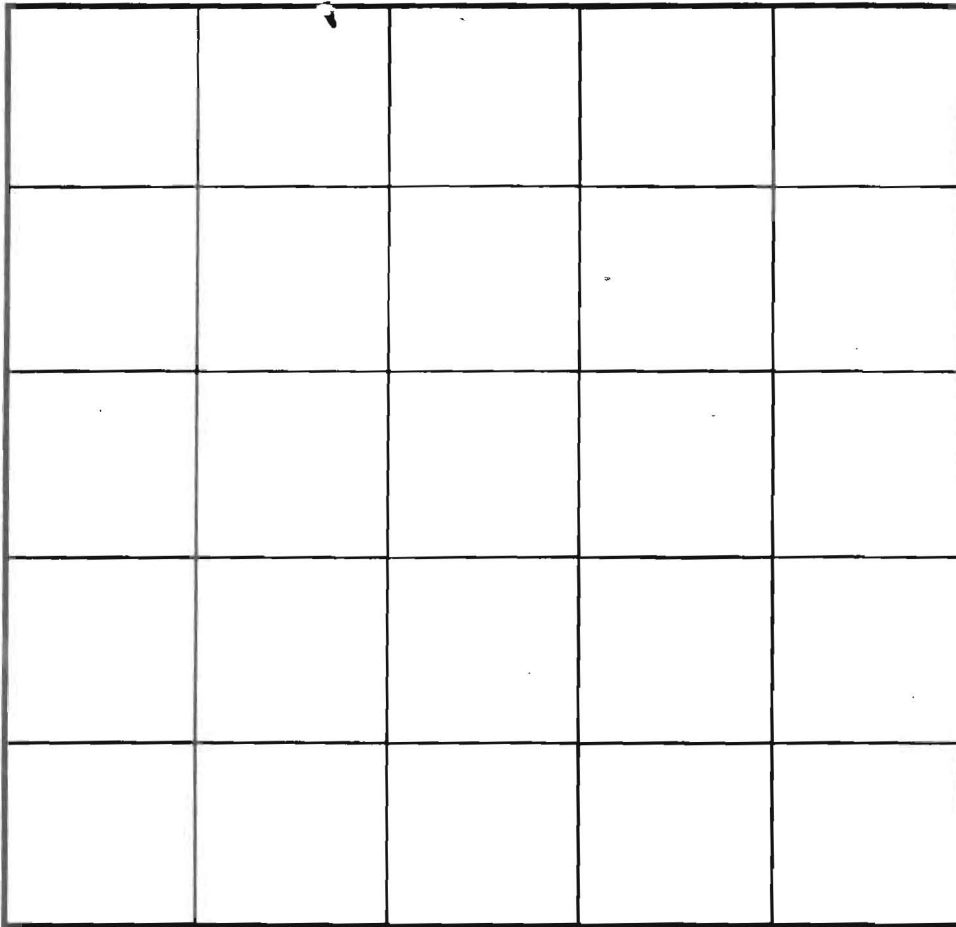
COUNTY#

SOIL PROFILE

0' SK 206  
 9" 10YR 3/2 L (30 grains)  
 10YR 5/6-3/4  
 S1CL (2-1/2-5shk)  
 Moist  
 22" 10YR 3/6 S1CL  
 10YR 6/3 100/15  
 (1.5shk) (2.5) v. moist  
 27" 10YR 7/2 (10 grains)  
 E.M.P. 10YR 6/2  
 Moist  
 30" 5YR 7.5YR 6/8  
 FSL SCL Moist  
 48" 2 m2 10YR 7/2 100/15  
 90% (10YR 7/1) (100)  
 5 CO-10 2.5YR 5/6  
 SCL Moist (Moist)  
 6-8" 2.5YR 5/3  
 10YR 5/6 (2-3-4)  
 Moist

SOIL PROFILE

0' 207  
 5.5' H10 Red Brn  
 SL + CL fill  
 6-9" de. 2-3' from top  
 7' Red Muck H-L-CL  
 (2-1m shk)  
 16' Mixture Brn  
 + pale H. 10 grains  
 H10 SL (moist)  
 (moist)  
 2-3' m2 all H-L-CL  
 M. 10 grains  
 (moist to present)  
 (F-M) and long  
 v. moist @ 20%  
 in aggregate  
 of all 10% aggregate  
 to East  
 2-3' all H-L-CL  
 v. moist  
 old fill  
 (Moist SL-CL  
 soil Brn)



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

202

3-4" 2.5YR 3/2 L (30 grains)  
 7.5YR 5/6-4/8 L  
 (2-4 grains)  
 F-C1F 5YR 5/6  
 F1F 10YR 2/2 200  
 C-F 2.5YR 3/6-3/6  
 SL moist  
 14" H10 7.5YR 5/6 L  
 + 7.5YR 5/3  
 Moist  
 18" CO2 BLK (2F-M or)  
 CO2 BLK (F-M)  
 (moist)  
 21" 2.5Y 4/0 S1L (moist)  
 24" 10YR 6/1 S1L (moist)  
 2.5Y 7/2 (moist)  
 E.M.P. 2.5Y 6/6 (moist)  
 30" 10YR 6/1 (10 grains)  
 H10 10YR 6/1 (10 grains)  
 + 10YR 6/1 (10 grains)  
 31" grey (10YR 4/1-5/2)  
 Moist (v. moist)  
 6-8" m2-3P 5YR 3/4  
 10YR 5/6  
 Moist  
 10" Fair red Brn  
 H10 L (moist water supply)

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/1/02	SP 206	v15'	No Test	Low chroma m. 100 > 27"			(Fail)
	202	v10'+		stone water, 100 @ 7FT + below H10 100 top bit 4" + 10' levels below		(Bails soil)	(Fail)
				with level @ 10', Hairgrass all over this site			
	207	v16' (5' fill com)		super water table in			Hold for true wet season level

REMARKS Wet season Soil (Do not test or wait for true wet season level on Higher Set)  
 TYPE OF SOIL Bails  
 TESTED BY R. P. Kinsky ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_