

2/2/96  
10:30

# APPLICATION

## PERCOLATION TESTING

NO ADDITIONAL  
IS CONTINUATION of  
A 17377

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

PAGE TWO OK  
PREVIOUS TESTS OK  
UNSUCCESSFUL BUT NOT CONCLUSIVE.

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

NOT SAVED OBSERVATION BOLES REQUIRED  
TO ESTABLISH MAXIMUM GRADIENT  
(1) MAXIMUM TROUGH INST (BOLES)  
CUT LOT WELL SITE IS AN OPTION (CW)

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 STEWART M SMITH

ADDRESS 1391 UNDERWOOD RD PHONE 410 442 2103

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

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

PROPERTY LOCATION:

SUBDIVISION RIDGEWAY LOT NO. 6

ROAD AND DESCRIPTION NEXT TO 1391 UNDERWOOD RD.

TAX MAP 9 PARCEL # 32

SIZE OF LOT 1 ACNE TYPE BLDG. SFD - 3 BR.  
(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.

*Stewart M Smith*  
(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 \_\_\_\_\_

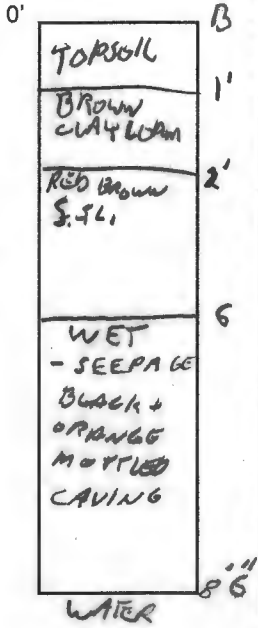
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

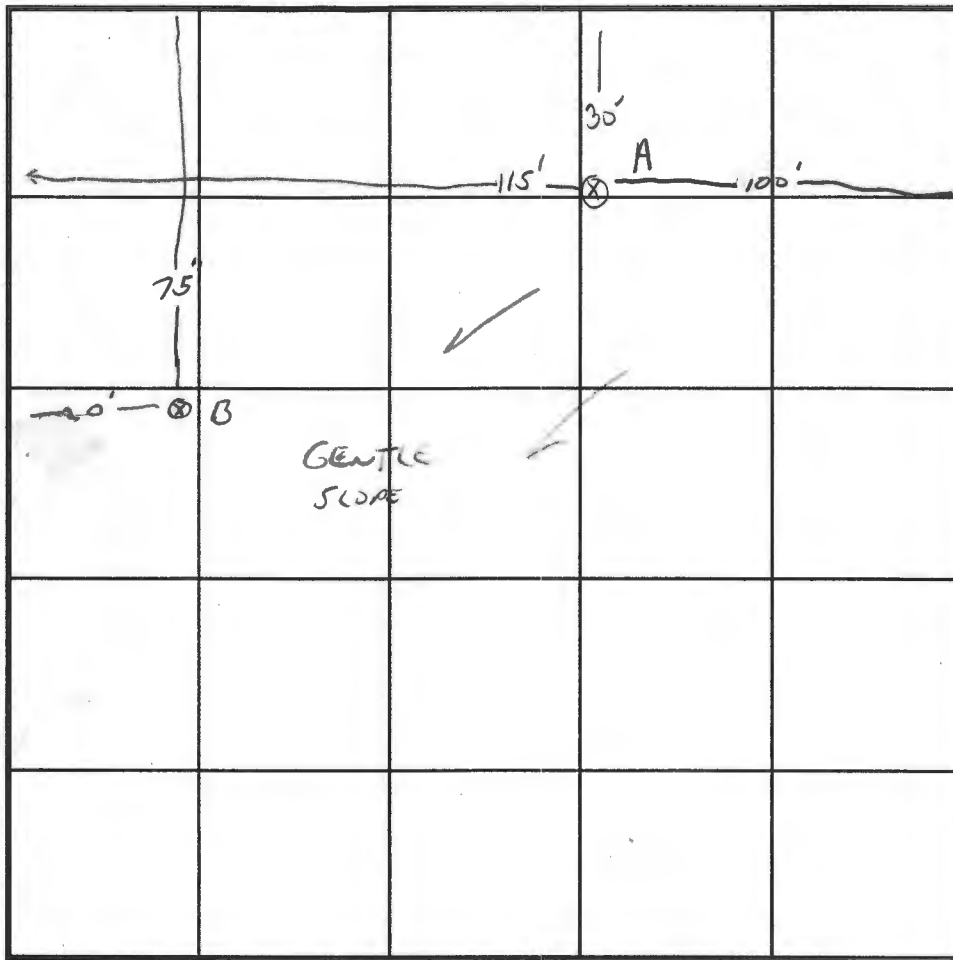
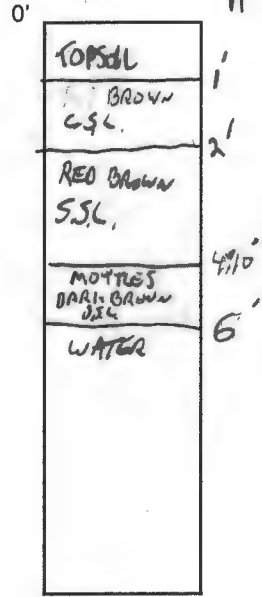
A-17377  
COUNTY #

LOT BOUNDARIES

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
UNDERWOOD ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/2/96	WATER AT 6' A	2'	1:16	1:46	STILL TOUCHING DEB		FAIL
		3'	1:18	1:48	1/2 INCH		FAIL
	WATER AT 6' B	3'	1:42	TEST STOPPED	1/2" / 20 MIN		FAIL

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY G. SAVAGE ALSO PRESENT OWNER / CRAIG WILLIAMS  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

February 9, 1996

Mr. Stewart Smith  
1391 Underwood Road  
Sykesville, MD 21784

RE: Percolation test results  
Application # A17377  
Proposed Use: Single Family Dwelling  
Property ID: 1 acre lot adjacent to  
1391 Underwood Road  
Tax Map: 9 Parcel: #32

Dear Mr. Smith:

This is to advise that the above referenced property failed the percolation retest conducted February 2, 1996. Copies of the current and previous percolation test results are enclosed.

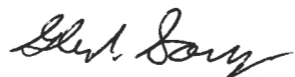
Slow percolation rates in surface horizons and shallow depth to ground water left insufficient depth of unsaturated permeable soil at all tested locations. This condition confirms previous determinations that the lot does not meet regulatory standards for septic system installation.

If you believe this determination to be incorrect, this decision is subject to review. Such a request should be directed in writing to the Bureau Director and be accompanied by submission of a percolation plat by a registered engineer or other qualified person showing actual locations and elevations of all excavated test holes and a suitable house and well site, plus all wells and septic systems within 100' of property boundaries. Sufficient detail should be included to demonstrate why the applicant believes regulatory standards have been satisfied.

Assuming there is no appeal of this decision, the remaining option would be to request tax adjustment (if applicable) based upon the non-buildable status of this property, or to pursue establishment of an offsite septic easement for this property. One final option would be to inquire from time-to-time as to any relevant change in the governing regulation. No such changes are known to be under consideration, but if there were to be a modification to the standard for acceptable percolation rates, (currently 30 minutes for standard trenches, 60 minutes for sand mounds), then there could be cause for reconsideration of the decision on this property.

Mr. Stewart Smith  
February 9, 1996  
Page 2

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 313-2640.  
Very truly yours,



Glen Savage, Sanitarian  
Water and Sewerage Program

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Enclosures

CC: Tax Assessment Office  
Owner  
File

Program Supervisor's Review CW

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