

# APPLICATION

3/15/02 1p.m.

PERCOLATION TESTING

A 516868

P \_\_\_\_\_

DISTRICT \_\_\_\_\_

DATE 3/1/02 3/13/02

RECEIVED  
HOWARD COUNTY HEALTH DEPT.  
ENVIRONMENTAL HEALTH

2802 MR 13 PM 12:03

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

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 Derek + Shan K. Chien

ADDRESS 13070 Twelve Hills rd PHONE 443-535-8747

AGENT OR PROSPECTIVE BUYER John Coakley, MD Pools

ADDRESS 9515 Gerwig La, Columbia 21046 PHONE 995-6600 x217 or 443-604-4029  
Fax 301-621-3331

PROPERTY LOCATION:

SUBDIVISION twelve hills S3 LOT NO. 30

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 28 PARCEL # 381

SIZE OF LOT 3.68 acres TYPE BLDG. single family  
(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. Shan K. Chien  
(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

COUNTY #

SOIL PROFILE

0' orge brn  
sacillm

3 tan brn  
sac  
micalm  
10-20%  
frags

13

②  
FILL

1/2-2 orge brn  
sacillm

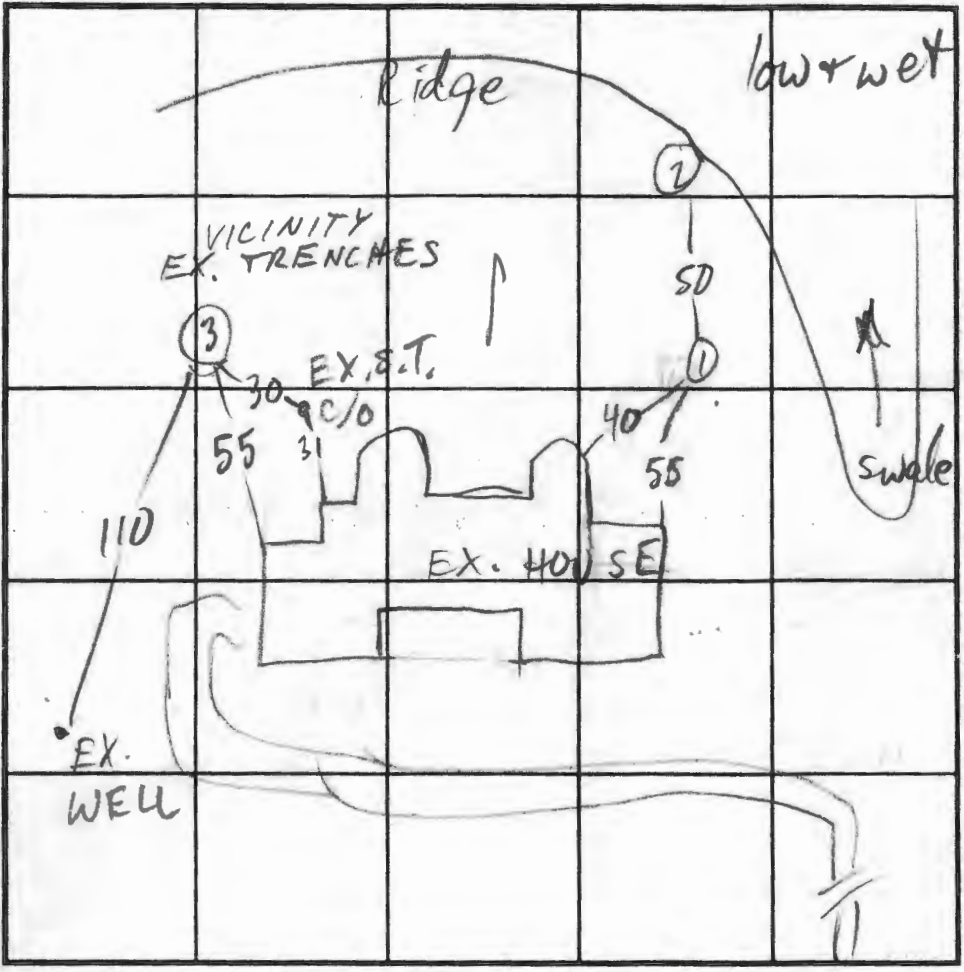
6 H. brn  
tan gray  
samic  
15-  
20% frags

13 1/2"

3 orge  
brn  
sacillm

1-5 tan brn  
orge  
white  
micid  
10-15%  
sacilm

12 15% frags



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. TWELVE HILLS RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/15/02	1 ✓	4 1/2 / 13	1:08	1:10	1:10	1:15	5	
	2 ✓	8 / 13' 9"	1:31	1:37	1:37	1:50	13	
	3 ✓	12	OK see profile					

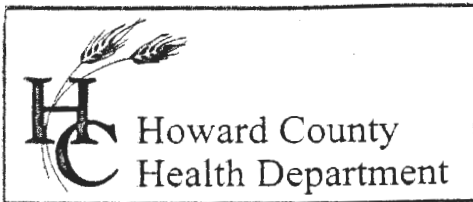
REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY M. Ripkin, F. Alfonso ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

March 28, 2003

Derek and Shan Chien  
13070 Twelve Hills Road  
Clarksville, MD 21029

RE: Percolation Test Results – A 516868  
Twelve Hills, Lot 30  
13070 Twelve Hills Road  
Adjustment to Platted Easement for Pool

Dear Mr. & Mrs. Chien:

Percolation testing conducted March 15, 2002 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes
- 2) all existing structures, wells and septic easements on the property
- 3) the existing septic tank and septic system
- 4) any other relevant features such as streams or swales
- 5) the proposed pool and adjustments to the platted sewage easement
- 6) a note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) a note indicating that depicted topography reflects field-matched information

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2640.

Very truly yours,

Mark E. Rifkin, R.S.

Water and Sewerage Program

MR

Enclosures

cc: John Coakley, MD Pools  
File