

# APPLICATION

PERCOLATION TESTING

A 516045

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 Susan Moxley LOT NO. 10

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

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

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



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

PROPERTY OWNER Susan Moxley

ADDRESS 3489 Downing Court PHONE 1-301-831-8350  
Adamsstown, MD 21710

AGENT OR PROSPECTIVE BUYER Benchmark Engineering, Inc.  
Suite 418

ADDRESS 8480 Baltimore National Pk. PHONE 410-465-6105  
Ellicott City, MD 21043

PROPERTY LOCATION:

SUBDIVISION Susan Moxley Property LOT NO. 10

ROAD AND DESCRIPTION Frederick Road @ Roxbury Mills Road  
NE Quadrant of Intersection

TAX MAP 8 PARCEL # 176

SIZE OF LOT 1 Ac. ± TYPE BLDG. SFD  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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M. J. Moxley  
(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 \_\_\_\_\_

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516045  
COUNTY #

SOIL PROFILE

0' (48)  
TOPSOIL  
10" Rd brn yellow brn rd SCLM Rock Frag Trace  
DENSE TO 3'  
5' SLm 7.5YR 6/8 5/6  
Rock Frag Trace  
Weak, structured Saprolite  
Bottom 15'

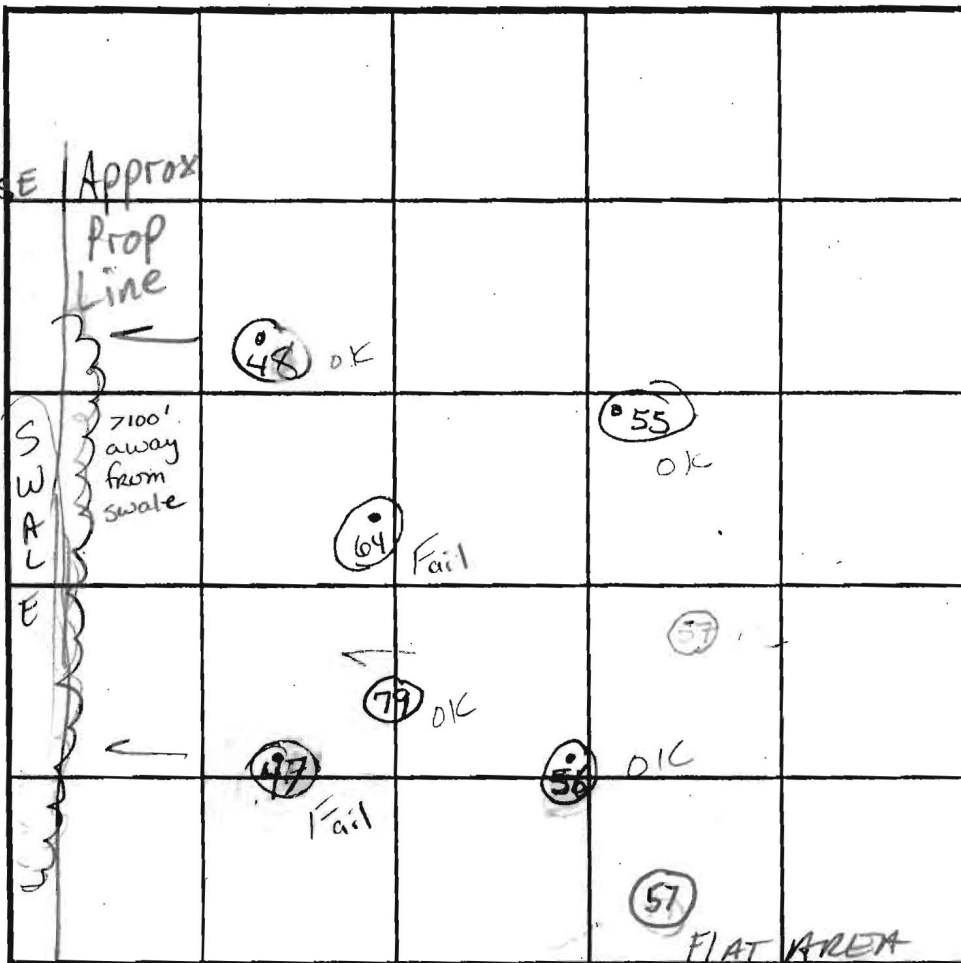
(56)

TOPSOIL  
1" org brn CLLM Trace Rock

6' lt tan lt brn beige Si Lm  
10-15% Weak saprolite  
Bottom 15 1/2'

(64)

RED HEAVY CLAY & >50% ROCK FRAGS LARGE BOULDERS  
8 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Colors: Pink, white, grey

ROUTE 70

SOIL PROFILE

0' (47)  
TOPSOIL  
1" org brn rd brn CLLM Rock ~5%  
6 1/2 - 7 1/2' yellow brn tan strong lateral structured Saprolite begins  
8' 30-40% @ ONE WALL Mn aggregates  
SCLM Boulders  
Bottom 14 1/2'

(55)

TOPSOIL  
Dense org brn CLLM

4 1/2 - 5 1/2' Si CLLM  
2.5YR 6/2 35% ~40% WK Saprolite  
Bottom 15 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-4-01	48	5 1/2' S	1:31 <sup>00</sup>	1:36	1:36	1:44	8min
		15' D					OK
	56	6' S	2:22	2:28	2:28	2:33	5min
		15 1/2' D					OK
	a.k.a. 7069	64	Refusal @ 8 1/2'				
			FAIL				
	47	6' 3" S	2:40 3:28	3:17 3:49	NO MOVEMENT 3:49 4:19		30 min
			14' D	FALL	DUE TO EXCESS STRUC R		
	55	6 1/2' S	1:12 <sup>22</sup>	1:15	1:15	1:22	7min
		15 1/2' D					

REMARKS HOLES PER PLAN holes 48 55 now on lot 9

TYPE OF SOIL

TESTED BY Krieg / Goede King ALSO PRESENT Donn / Simpson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

Refusal 8 1/2'



516045

COUNTY #

SOIL PROFILE

(46)

Topsoil  
Dense  
STRONG RD  
CLAY  
TRACE Rock

tan  
SLm  
Rock e  
weakly  
structured  
saprolite  
10-15%

Bottom

(58)

Topsoil

DENSE  
strong  
Br CLM  
TRACE  
Rock

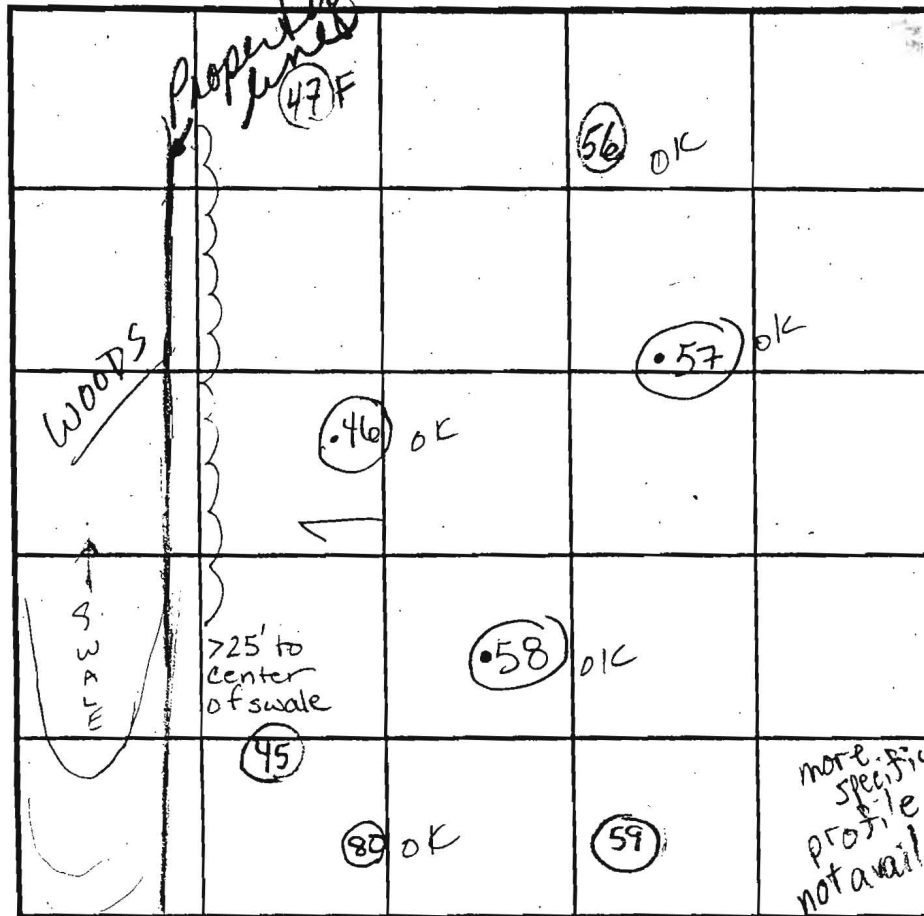
org brn  
beige  
lt tan  
sand  
white/grey  
weak  
Rock <5%  
Bottom

(56)

Topsoil

org brn  
CLM  
Trace  
Rock

lt tan  
lt brn  
beige  
silm  
10-15%  
Weak  
saprolite  
Bottom



SOIL PROFILE

(47)

Topsoil  
org brn  
rd brn  
hvy  
CLM  
Rock ~5%

yellow brn  
tan strong  
brn SLm  
8' lateral  
structured  
saprolite  
begins  
30-40%  
one wall  
& boulders

Bottom

(57)

Topsoil

red-brn  
clay lm  
org-brn  
silt lm  
tan beige  
sandy lm  
5-10%RF

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
12-4-01	57	7' S	3:46	3:49	3:49	3:56	7 min	
		16' D					OK	
	58	6' S	3:03 <sup>46</sup>	3:08	3:08	1" less than 30 min		
		7' S / 15' D	3:45	3:46	3:46	3:50	4 min	
	46	6 1/2' S	2:52	2:54	2:54	2:59	5 min	
		14' D					OK	
	56	6' S	2:22	2:28	2:28	2:33	5 min	
		15 1/2' D					OK	
	47	6' 3" S / 7' S	2:40 / 3:28	3:17 / 3:49	No Movement / 3:49	4:19	30 min	
		14' D	Fails Due to excessive structure					RX

REMARKS: HOLES PER Plan

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

TESTED BY: Krieg / Goedeking ALSO PRESENT Donny Simpson

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

INLET DEPTH: 15 1/2' MAXIMUM BOTTOM DEPTH: \_\_\_\_\_ SQ. FT./BEDROOM: \_\_\_\_\_