

# APPLICATION

PERCOLATION TESTING

A 515042

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 Benedict Farm LOT NO. \_\_\_\_\_

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 \_\_\_\_\_

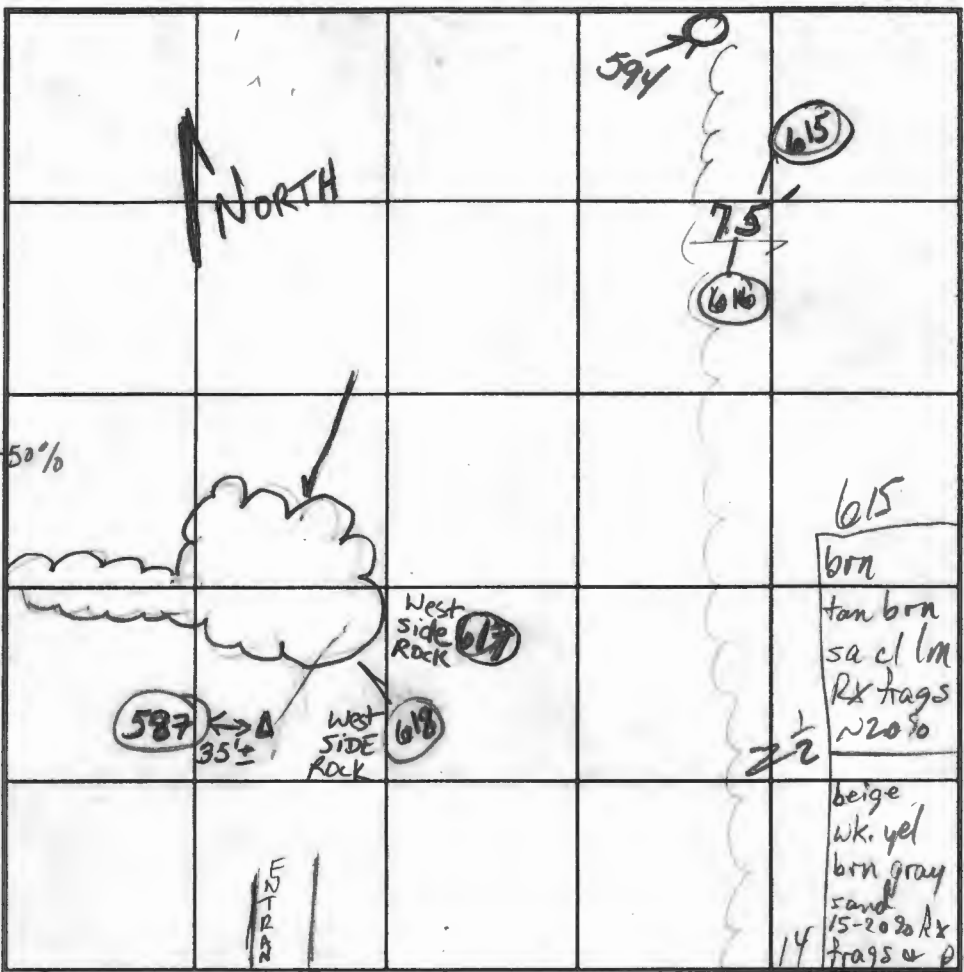
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

515042  
COUNTY #

SOIL PROFILE  
(616)  
0'  
Strong  
brn  
hvy lm 25% Rx  
2'  
brn  
Sandy  
lm  
4'  
↓ Excessive  
hard  
to sample  
SAND & Rx - 30-50%  
brn yellow  
dk brown  
white  
beige  
11'  
Hard  
Bottom



SOIL PROFILE  
(587)  
0'  
Rd, brn  
hvy  
scl lm  
3'  
DK brn  
scl lm  
4'  
org brn  
wk ag brn  
lm  
35-40%  
Rx  
8 1/2'  
org brn  
brn s. lm  
20% Rx  
13 1/2'  
Bottom

(617)  
DENSE org brn  
RD hvy  
scl lm  
5 1/2'  
DK brn  
beige  
lt brn  
strong brn  
white  
org brn  
SAND  
(med grains)  
pebbles  
& Rock  
20-30%  
Bottom  
15 1/4"

(618)  
wk rd  
org brn  
scl lm  
Rx 50%  
5 1/2'  
org brn  
scl lm  
6'  
East  
excessive  
rock  
45-50%  
25% Rx  
9'  
Hard  
Bottom  
11 1/2"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/16/02	(616)	FAIL	Excessive Rx	SEE SOIL PROFILE			F	
	(617)	5 1/2' M 13'9"	12:01:50	12:03:05	12:08:05	12:06:03	3 min	
	(617)	V 11 1/2'	DEEP SHELF REQ'D FOR FURTHER REVIEW					
	(618)	V 11 1/2'	VISUAL SEE SOIL PROFILE					F
	(587)	6 1/2'	12:24	12:31	12:31	12:41	10 min	
	(615)	V 13 1/2'	NEEDS DEEP SHELF FOR FURTHER REVIEW					
	(615)	S 4 1/2' V 14'	11:36:30	11:37:46	11:37:46	11:39:55	2+	
			DEEP SHELF FOR FURTHER REVIEW					
THE TWO LOTS W/HOLES → 617-618								
MAY HAVE BETTER SUCCESS IF WELLS + SDAs								
ARE REVERSED								

REMARKS Holes per plan  
TYPE OF SOIL  
TESTED BY RIFKIN / GoedeKung ALSO PRESENT Mike Johnson  
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_

West worse than East WALL

West side excessive rock 45-50%

Rx began

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

DISTRICT \_\_\_\_\_

DATE 4-13-01

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 Natalie Ziegler

ADDRESS 11352 Homewood Rd. PHONE 410 740-6880

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

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

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Rt 108 + Homewood Rd.

TAX MAP 29 PARCEL # 93/229

SIZE OF LOT 3.0 acres +/- 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. Natalie Ziegler  
(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'  
 1'  
 3.5'  
 12'8" Refusal

topsoil  
 red org  
 b m  
 cl m  
 med  
 org b m  
 sa mica  
 l m  
 soft  
 rock

SOIL PROFILE

0'


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-31-01	672	4.9' S	10:26	10:30	10:30	10:33	3 1/2
		12'8" D	Refusal	-see	profile		FAIL

REMARKS \_\_\_\_\_ DUE TO DROUGHT CONDITIONS,  
 APPROVABLE HOLES MUST HAVE 8  
 TYPE OF SOIL \_\_\_\_\_ FEET FROM OBSERVED  
 TESTED BY IVE GROUNDWATER TO BOTTOM OF  
 PROPOSED SEPTIC SYSTEM  
 TRENCH DESIGN DATA \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SO. FT/BEDROOM \_\_\_\_\_

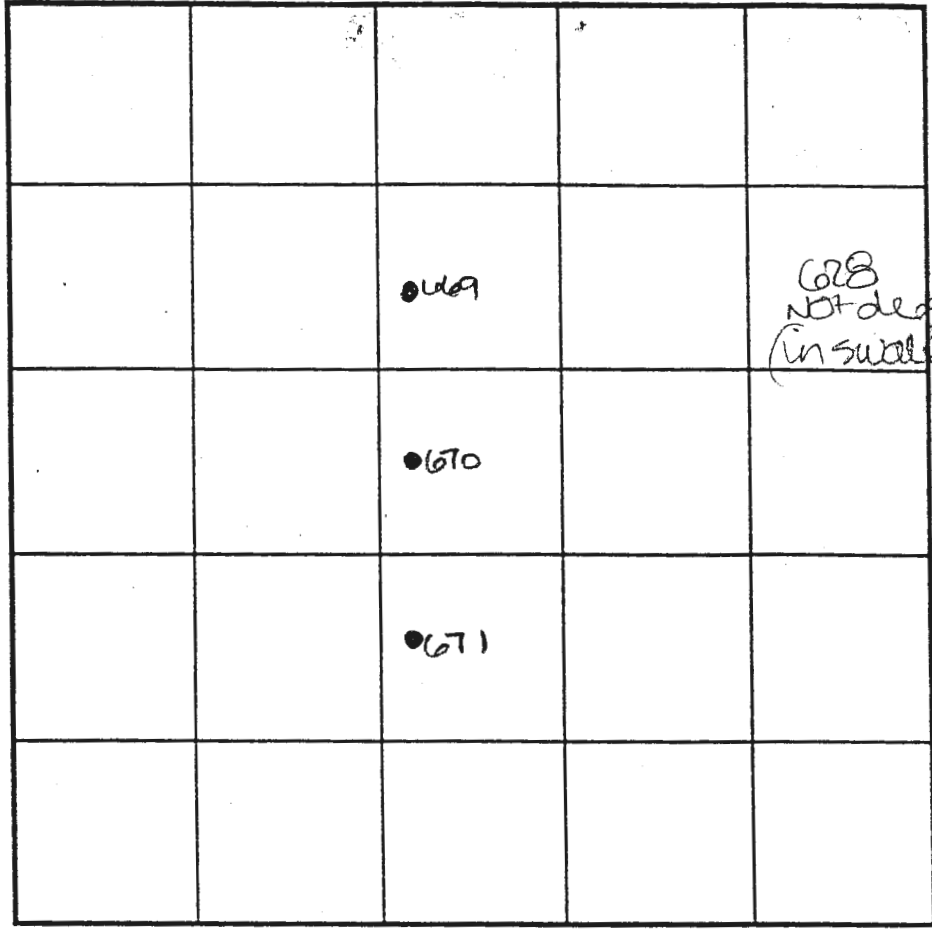
ALSO PRESENT M. Johnson & crew  
Owners

COUNTY #

SOIL PROFILE

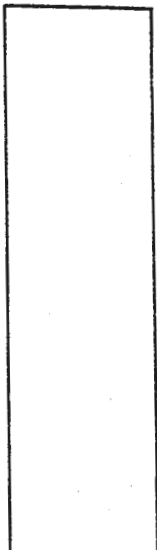
670

0' topsoil  
 1' red org  
 bm  
 cl lm  
 4'8" org bm  
 sa mica  
 lm  
 30%+  
 rock  
 12'8" Refusal



SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 108

0' 671  
 1' topsoil  
 1' red org  
 bm  
 cl lm  
 4' med  
 org/bm  
 sa mica  
 lm  
 35%+  
 rock  
 12'8" Refusal

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-30-01	670	4.5' S	2:46	2:57	2:57	3:25	28
		12'8" D	Refusal - see profile				OK
	669	4.0' D	Refusal		→		FAIL
	671	4.5' S	2:51	2:53	2:53	2:59	5
		12'8" D	Refusal - see profile				OK

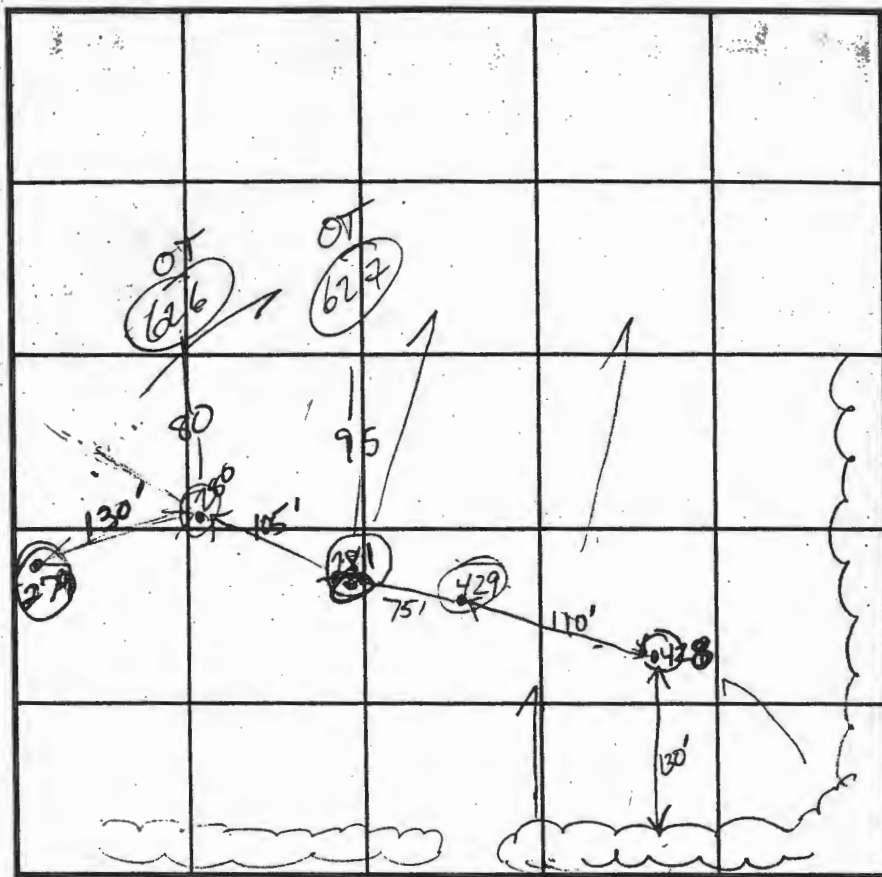
REMARKS

TYPE OF SOIL \_\_\_\_\_  
 TESTED BY DVC DUE TO DROUGHT CONDITIONS,  
 TRENCH DESIGN DATE \_\_\_\_\_ APPROVABLE HOLES MUST HAVE 8  
 INLET DEPTH \_\_\_\_\_ FEET FROM OBSERVED  
 \_\_\_\_\_ GROUNDWATER TO BOTTOM OF  
 \_\_\_\_\_ PROPOSED SEPTIC SYSTEM

ALSO PRESENT M. Johnson & crew  
 Owners  
 TRENCH WIDTH \_\_\_\_\_  
 SO. FT/BEDROOM \_\_\_\_\_

COUNTY # \_\_\_\_\_

SOIL PROFILE  
 428  
 0' Topsoil  
 4-6" Micaceous SA CL Lm  
 Rd brn 25%  
 Dk brn Frag  
 2' org brn tan beige micaceous SAND Lm  
 5 1/2" 25-35% Frag 13 1/2" Bottom  
 429  
 6 1/2" Topsoil  
 Rd brn brn CL Lm  
 3-5% rock Frag  
 5 1/2" tan beige lt brn  
 14 1/2" SLM SLP rock Frag 5-10% Bottom  
 281  
 4" Topsoil  
 rd brn dk brn CL Lm  
 6" Ig rock vein  
 7" Rock Frag 25-33% Bottom  
 LDM rd brn lt tan Bottom



SOIL PROFILE  
 280  
 0' Topsoil  
 4" Red, Heavy clay rock frag 5-10%  
 4" brn dk beige org dk brn Micaceous Si Lm  
 rock Frag 5-10%  
 12-14" 279  
 4" Topsoil  
 rd brn tan CL Lm micaceous  
 5 1/2" white lt brn Si Lm 13 1/2" Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

← Route 108 →

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
8-29-01	428	5'2" S	10:52 <sup>30</sup>	10:53 <sup>15</sup>	10:53 <sup>15</sup>	10:54 <sup>00</sup>	1 1/2 min
		13'5" D	—————→				PASS
	429	5'4" S	11:04	11:07	11:07	11:10	3 min
		14 1/2" D	—————→				Pass
	281	7' S	11:11	less than 11:30	11:11	11:11	Fail
		13 1/2" D	—————→				
	280	6' 1/2" D	11:17 <sup>30</sup>	11:18 <sup>00</sup>	11:18 <sup>00</sup>	11:18 <sup>50</sup>	repour
			11:19 <sup>00</sup>	11:19 <sup>30</sup>	11:19 <sup>30</sup>	11:20 <sup>05</sup>	FAST
			11:25	11:27	11:27	11:28 <sup>30</sup>	1 1/2 min
	279	10' S	11:44	11:48	11:48	11:50	2 min
		13'6" D	—————→				PASS

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_ HOLES PER PLAN \_\_\_\_\_

TESTED BY Goedeking, Kacie ALSO PRESENT Chuck Crovo  
Mike & crew

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

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

