

# 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

COUNTY #

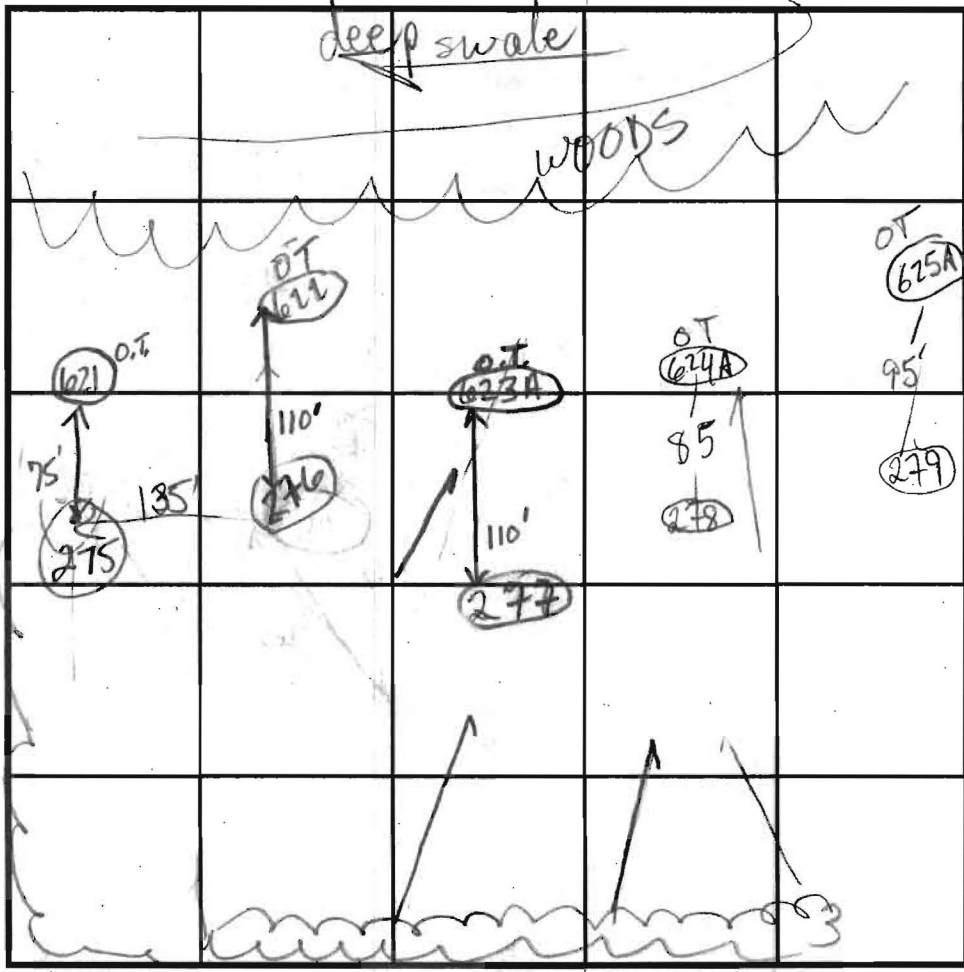
SOIL PROFILE

0' (278)  
 4" Topsoil  
 Rd brn Heavy CLAY  
 52" 1t tan org rdbrn Si Lm  
 7" beige 1t beige SA Lm  
 Bottom

5-10% OVERLIE ROCK FRAG

deep swale

WOODS



SOIL PROFILE

0' (275)  
 1 1/2" Topsoil  
 Rd Heavy CLAY  
 3 1/2" 1t tan brn beige off-white Micaceous Si Lm  
 5-10% frg  
 14' Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-29-01	278	5'8" S	11:55	11:58	11:58	12:00	2min
		13'6" D					PASS
	277	6 S	12:05 <sup>30</sup>	12:07 <sup>20</sup>	12:07 <sup>20</sup>	12:07 <sup>40</sup>	repair
		13' D					MARGINAL
		→	12:11 <sup>30</sup>	12:12 <sup>20</sup>	12:12 <sup>20</sup>	12:13 <sup>40</sup>	≈ 1min <sup>20</sup> sec
	P 276	5'6" S	12:20	12:21	12:21	12:24	3min
		13'6" D					PASS
	P 275	~4 1/2' S?	12:29	12:32	12:32	12:34 <sup>05</sup>	≈ 2min
		14' D					PASS

REMARKS: HOLES PER PLAN

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

TESTED BY: Goedeking ALSO PRESENT: Chuck C. MIKE & crew

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

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

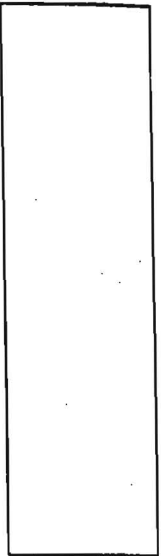
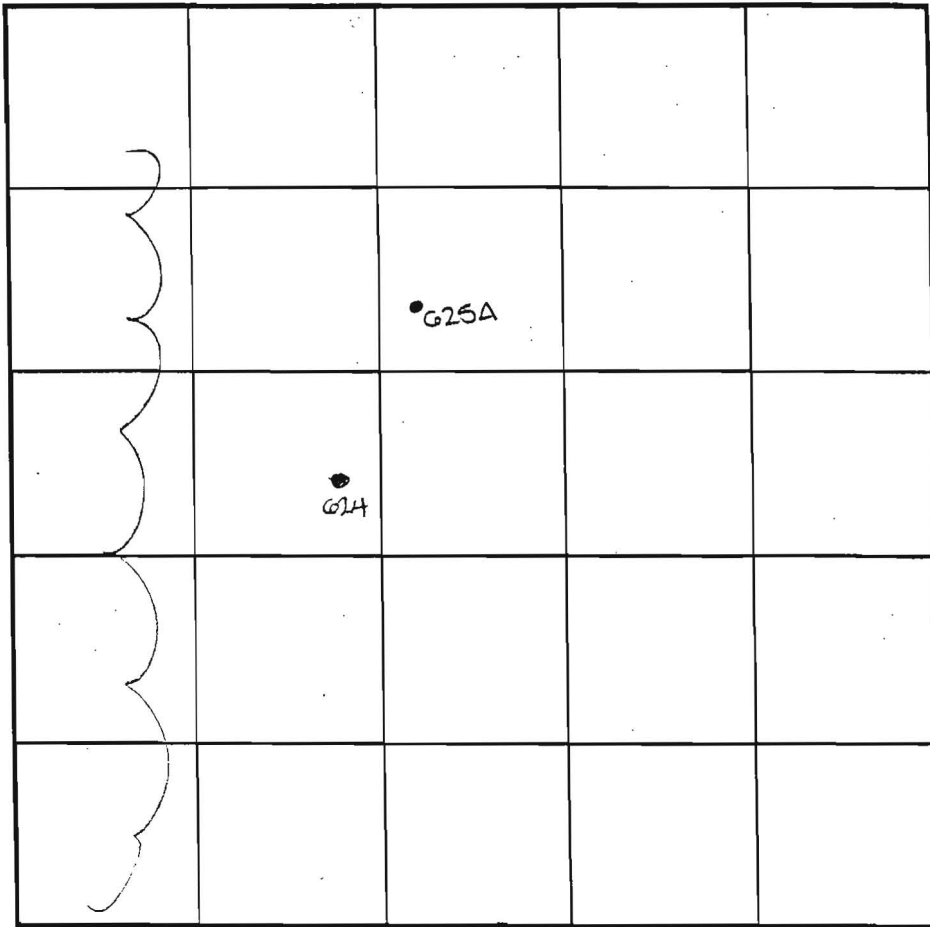
4" Topsoil  
 rd org, dk brn micaceous CL Lm  
 3-5% rock  
 2' rd brn brn dk br mica tan rock frg  
 10-15%  
 12' 20-30% rock  
 13' Bottom  
 (276)  
 Topsoil 4"  
 Dk rd Heavy CLAY  
 5-10% rock frg  
 2 1/2" tan 1t brn beige Micaceous Si Lm  
 Rock frg  
 15-25%  
 Bottom 15'6"

COUNTY #

SOIL PROFILE

SOIL PROFILE

0' topsoil  
 1' org brn  
 cl lm  
 6' dk brn  
 si cl lm  
 w/mottles  
 9' cave-in /  
 seepage  
 10.5' water  
 625A  
 1' topsoil  
 4.5' org brn  
 cl lm  
 13.5' 15' b  
 10' c  
 13.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-11-01	624	9.0' D	Water	seepage	- see profile		FAIL
	625A	4.5' S	11:24	11:36	11:36	11:54	18
(dry 250 pm)		13.5' D	Visual	- see profile			OK

REMARKS

TYPE OF SOIL

TESTED BY DKC DUE TO DROUGHT CONDITIONS, APPROVABLE HOLES MUST HAVE 8

TRENCH DESIGN DATA FEET FROM OBSERVED GROUNDWATER TO BOTTOM OF INLET DEPTH PROPOSED SEPTIC SYSTEM

SO PRESENT M. Johnson & crew OWNER'S TRENCH WIDTH

SO. FT/BEDROOM

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

SOIL PROFILE  
624A

0' \_\_\_\_\_

1' top soil

red brn  
cl lm

5' \_\_\_\_\_

med  
brn  
si mica  
lm

10% rock

14' \_\_\_\_\_

623A

0' \_\_\_\_\_

1' top soil

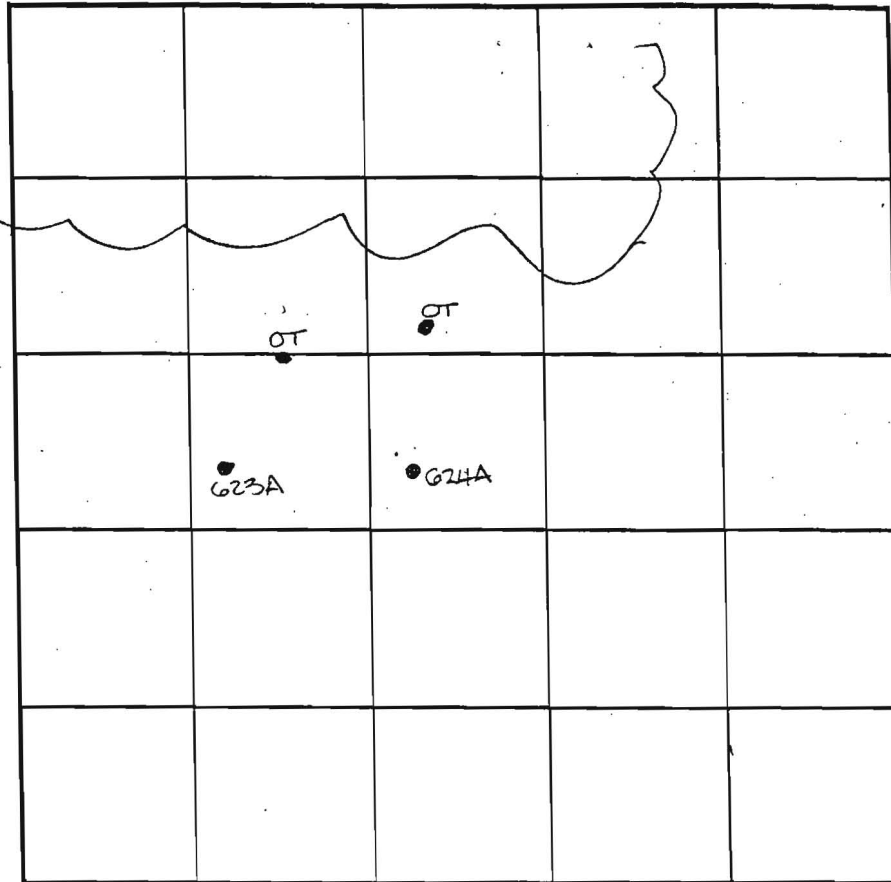
arg brn  
cl lm

4' \_\_\_\_\_

med  
arg brn  
si mica  
lm

15%+  
rock

14' \_\_\_\_\_



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	
6-14-01	<del>624A</del>	5.5' S	12:16	less than 1" @	12:40	—	
		14.0' D	Visual	- see profile			OK
	623A	4.5' S	12:19	12:20	12:20	12:23	3
		14.0' D	Visual	- see profile			OK

REMARKS \_\_\_\_\_

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

TESTED BY DKC DUE TO DROUGHT CONDITIONS,  
APPROVABLE HOLES MUST HAVE 8  
FEET FROM OBSERVED  
TRENCH DESIGN DATA: A) GROUNDWATER TO BOTTOM OF  
INLET DEPTH \_\_\_\_\_ PROPOSED SEPTIC SYSTEM

PRESENT M. Johnson & Cre  
Owners

TRENCH WIDTH \_\_\_\_\_

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' 5" Bottom

429

6 1/2" Topsoil  
Rd brn  
brn  
CL LM  
3-5% rock  
Frag

5 1/2" tan  
beige  
lt brn

SA LM  
SAND frag  
5-10%

14 1/2" Bottom

281

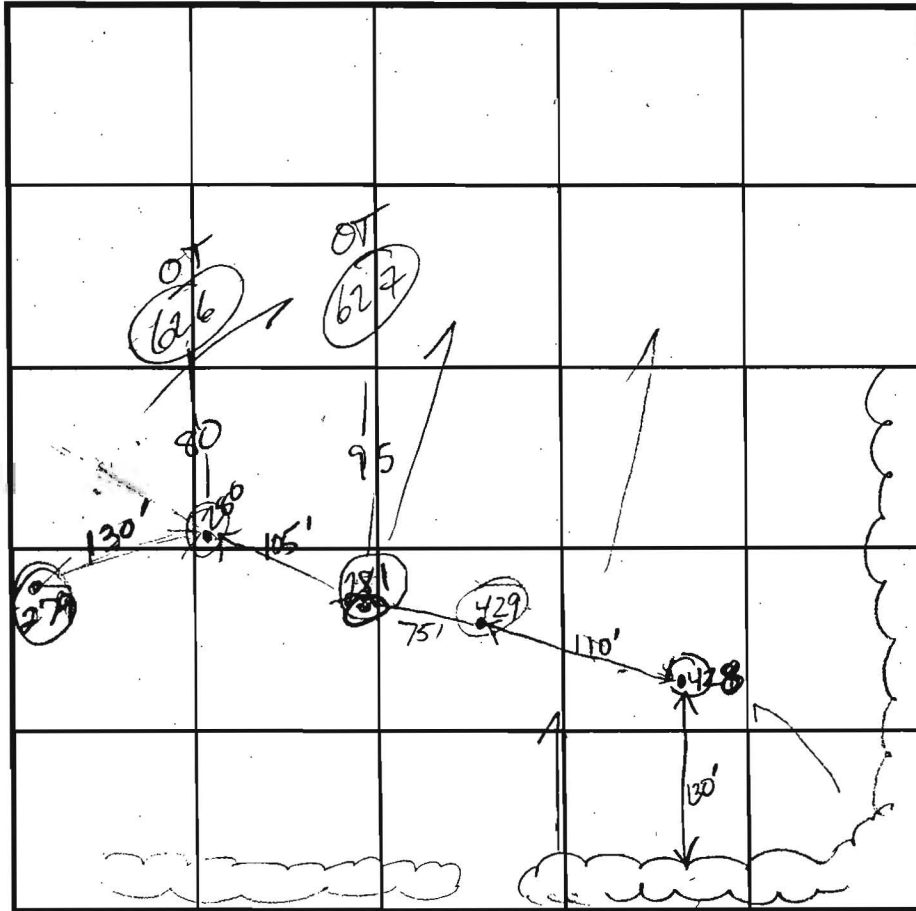
4" Topsoil  
rd brn  
dk brn  
CL LM

6' Ig rock  
vein

7' Rock Frag  
25-33%

LDAM  
rd brn  
lt tan

13 1/2" Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

← Route 108 →

SOIL PROFILE  
280

0' Topsoil

4 1/4" Red, Heavy

4' clay rock frag  
5-10%

brn  
dk beige  
beige  
org  
dk brn  
Micaceous  
Si LM  
rock  
Frag  
5-10%

279

4" Topsoil  
rd brn, tan  
CL LM  
micaceous

5-6' white  
lt brn  
Si LM  
13' 1/2" Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-29-01	428	5' 2" S 13' 5" D	10:52 <sup>30</sup>	10:53 <sup>15</sup>	10:53 <sup>15</sup>	10:54 <sup>30</sup>	1 1/2 min OK
	429	5' 4" S 14 1/2" D	11:04	11:07	11:07	11:10	3 min PASS
	281	7' S 13 1/2" D	11:11	less than in 30 min		11:11	Fail
	280	6' 10 1/4" D	11:17 <sup>30</sup>	11:18 <sup>00</sup>	11:18 <sup>00</sup>	11:18 <sup>50</sup>	repair
			11:19 <sup>00</sup>	11:19 <sup>30</sup>	11:19 <sup>30</sup>	11:20 <sup>55</sup>	FAST OK
			11:25	11:27	11:27	11:28 <sup>30</sup>	1 1/2 min
	279	10' S 13' 6" D	11:44	11:48	11:48	11:50	2 min PASS

REMARKS

TYPE OF SOIL

TESTED BY Goedeking, Kacie

ALSO PRESENT Chuck Proso  
Mike & crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

HOLES PER PLAN