

# 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 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 310 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

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

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

5 1/2" tan beige lt brn

SA LM SAND Frag 5-10%  
Bottom

4" Topsoil  
rd brn dk brn CL LM

6" Ig rock vein

7" Rock Frag 25-33%  
LDAM rd brn lt tan  
Bottom

SOIL PROFILE

280

0' Topsoil

4" Red, Heavy

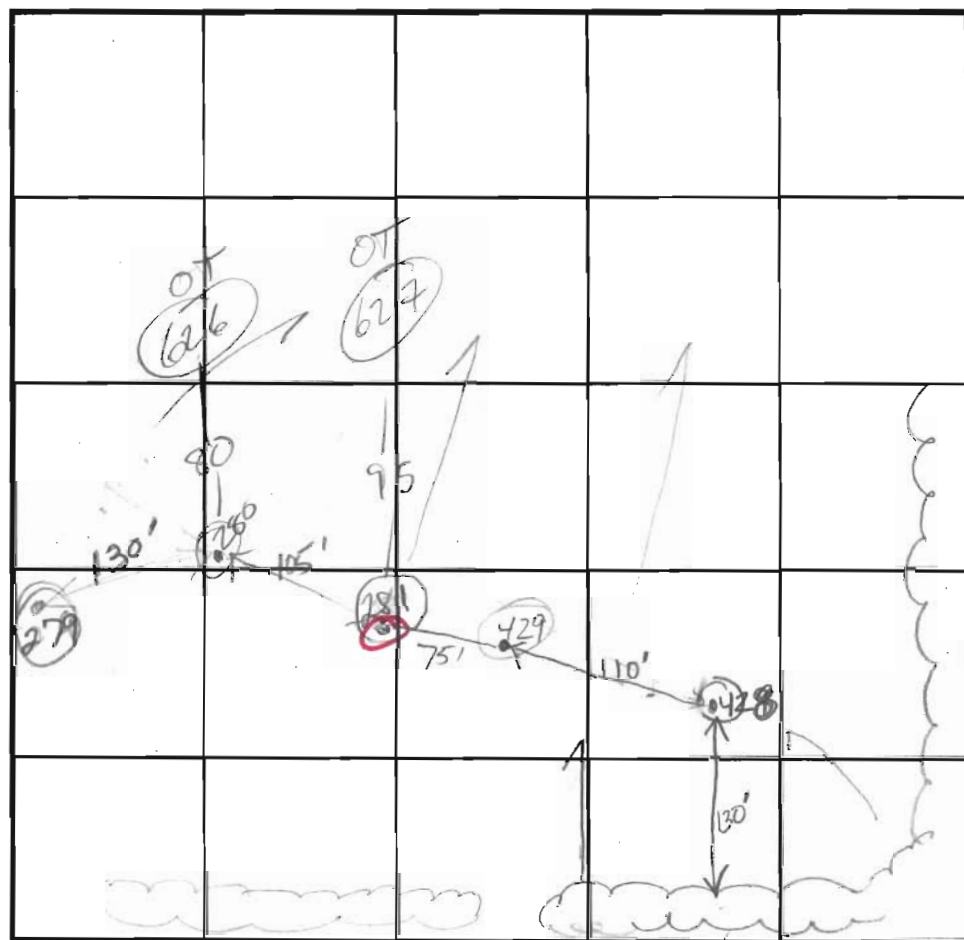
4" clay rock frag 5-10%

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

12-14" 279

4" Topsoil  
rd brn tan CL LM micaceous

5-6" white lt brn Si LM  
13' 6" 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	P 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 PASS
	P 429	5' 4" S 14 1/2" D	11:04	11:07	11:07	11:10	3 min PASS
	281	7' 5" 13 1/2" D	11:11	less than in 30 min			Fail
	280	6' 12 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>05</sup>	FAST
			11:25	11:27	11:27	11:28 <sup>30</sup>	1 1/2 min
	P 279	10' S 13' 6" D	11:44	11:48	11:48	11:50	2 min PASS

REMARKS \_\_\_\_\_

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

TESTED BY Goedeking, Kacie ALSO PRESENT Chuck Crovo  
Hike 19 crew

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

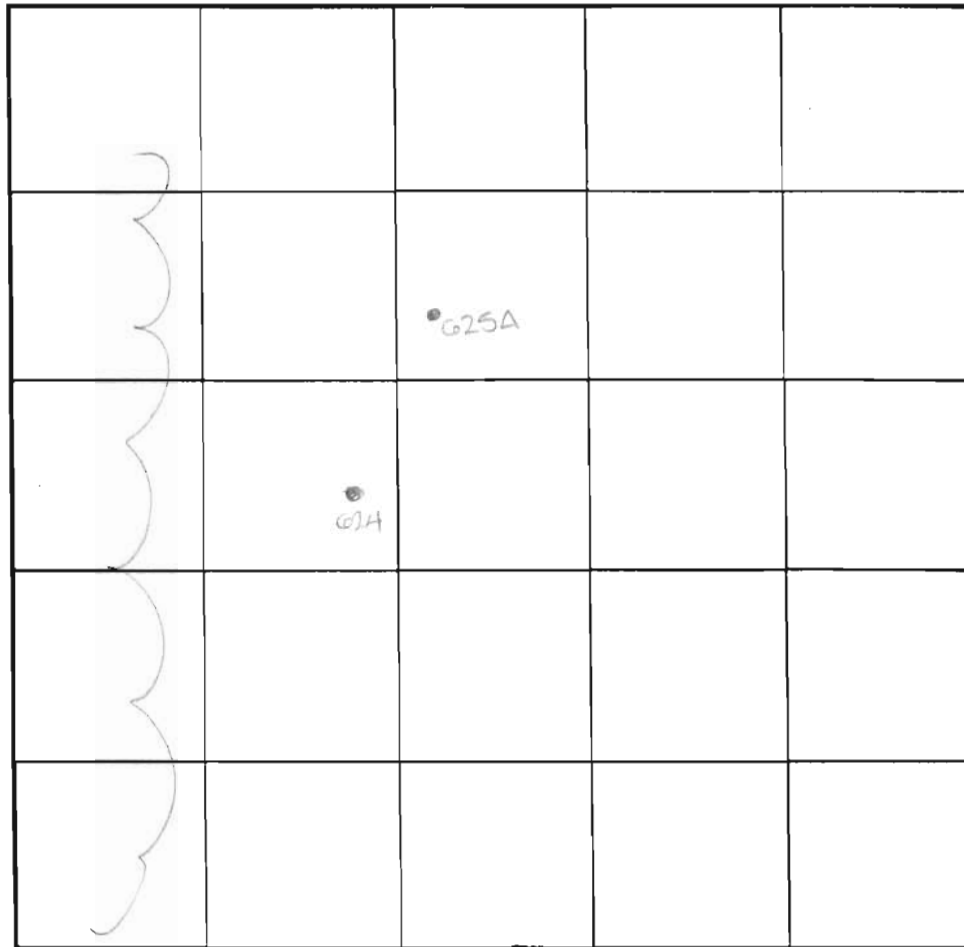
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

COUNTY #

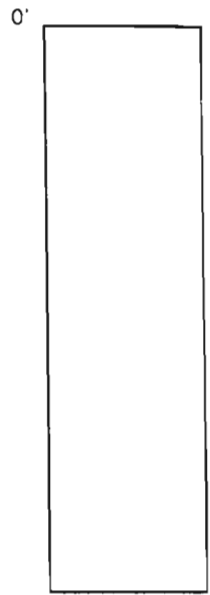
SOIL PROFILE

0' 624  
 1' topsoil  
 6' dull org brn cl lm  
 dk brn si cl lm w/mottles  
 9' cave-in/seepage  
 10.5' water

4.5' 625A  
 1' topsoil  
 org brn cl lm  
 13.5' (dry 250 pm) org brn si mica lm  
 15'6" rock



SOIL PROFILE



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

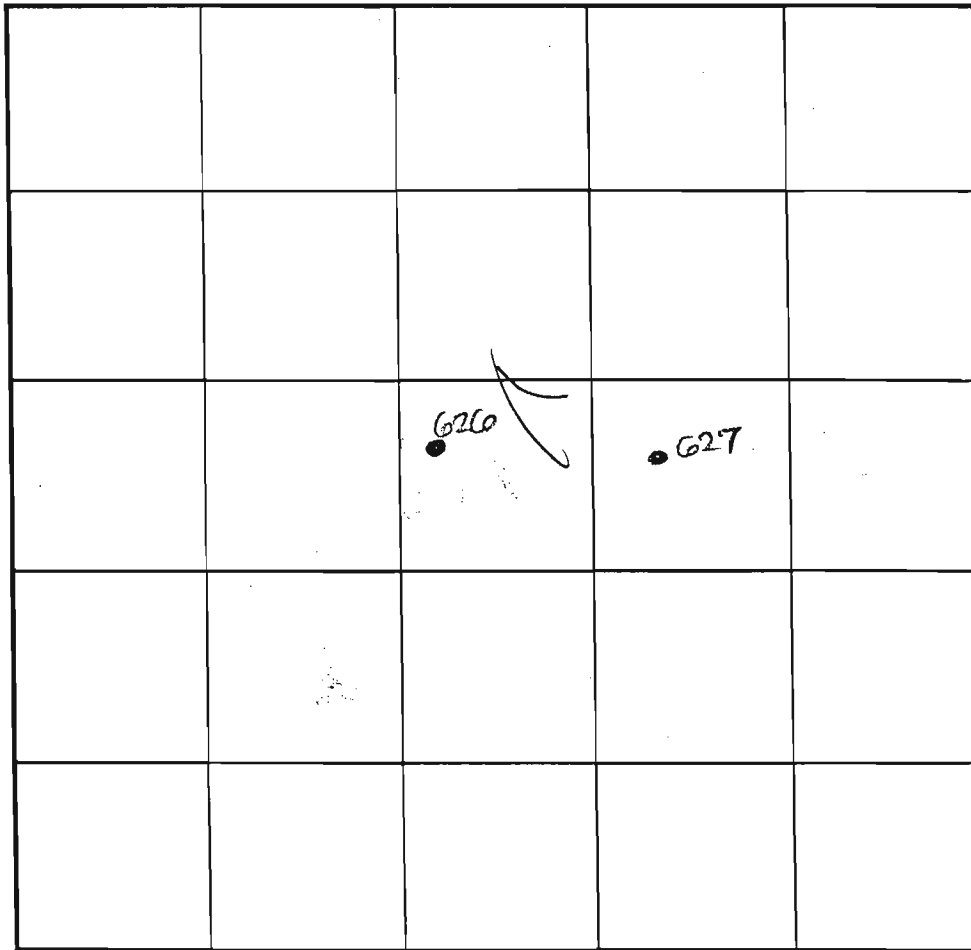
SO PRESENT M. Johnson's crew  
 OWNERS  
 TRENCH WIDTH \_\_\_\_\_  
 10 FT/BEDROOM \_\_\_\_\_

COUNTY #

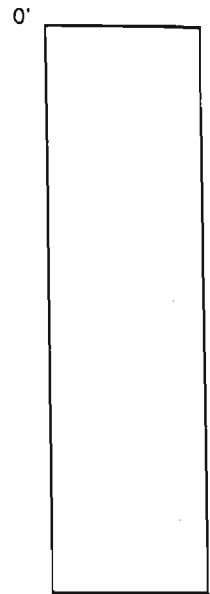
SOIL PROFILE

0' 626  
 1' topsoil  
 red brn cl lm  
 5' org brn sil mica lm  
 14' 25% rock

0' 627  
 1' topsoil  
 red org brn cl lm  
 3.5' med org brn sil mica lm  
 12' 70%+ rock  
 Refusal



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-31-01	626	6.0' S	10:18 <sub>3</sub>	10:20 <sub>3</sub>	10:20 <sub>3</sub>	10:23	3
		14.0' D	Visual	-See	profile		OK
	627	5.5' S	10:22	10:23 <sub>3</sub>	10:23 <sub>3</sub>	10:25	2
		12.0' D	Refusal	-see	profile		OK

REMARKS \_\_\_\_\_ DUE TO DROUGHT CONDITIONS,  
 TYPE OF SOIL \_\_\_\_\_ APPROVABLE HOLES MUST HAVE 8  
 TESTED BY DLC \_\_\_\_\_ FEET FROM OBSERVED  
 TRENCH DESIGN DA \_\_\_\_\_ GROUNDWATER TO BOTTOM OF  
 PROPOSED SEPTIC SYSTEM

ALSO PRESENT M. Johnson & Assoc  
Owners  
 TRENCH WIDTH \_\_\_\_\_