

# 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 410 740-6380

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 CS  
(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

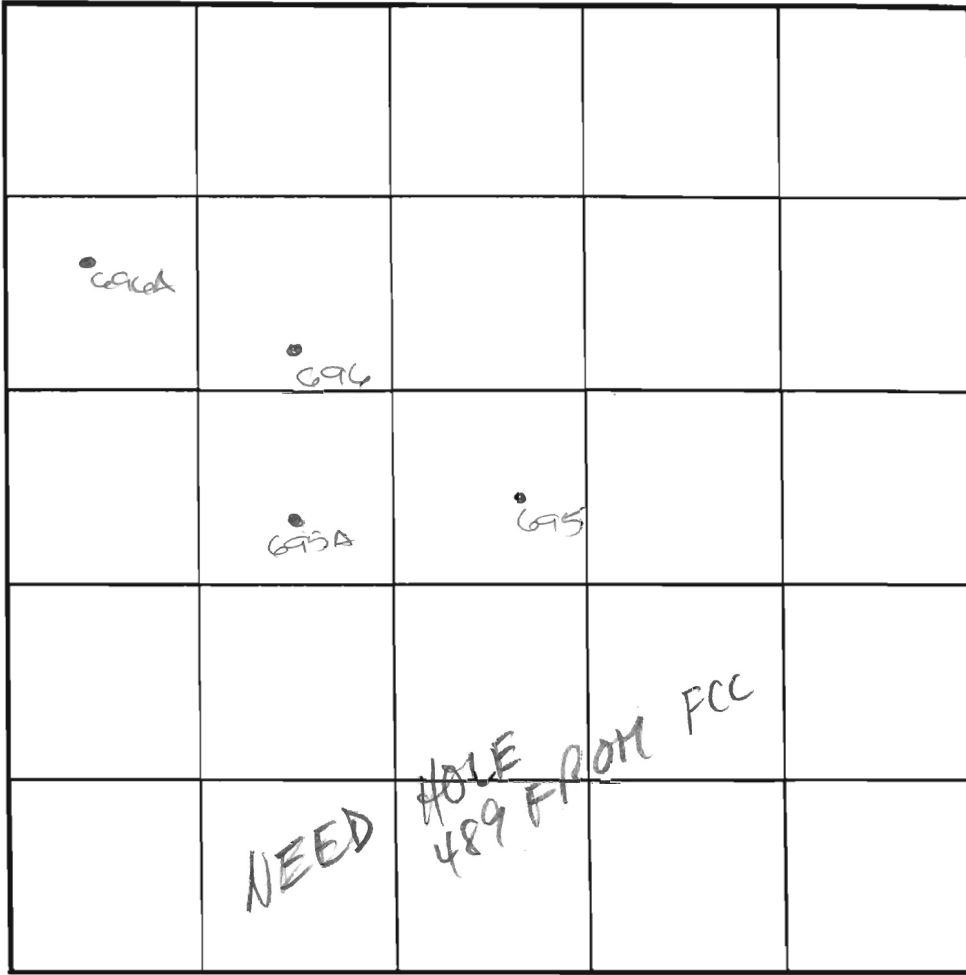
COUNTY #

SOIL PROFILE

0' 695A  
 1' topsoil  
 dull org bn cl lm  
 5' med org bn si cl lm  
 9' nodules  
 10' water

0' 695  
 1' topsoil  
 org bn cl lm  
 5' med org bn si cl lm  
 11" seepage  
 13' water

0' 696A  
 1' topsoil  
 dull org bn cl lm  
 4.5' med red bn si mica lm  
 13.5' 100% rock



SOIL PROFILE

0' 696A  
 1' topsoil  
 red org bn cl lm  
 3.5' org bn si cl lm  
 6' 60% rock frag  
 8.5' refusal

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	695A	10.0'D	Water	-see profile			FAIL
	695	4.0'S	3:36	less than 1" @ 4:06			FAIL
		11.0'D	Water	seepage - see profile			FAIL
	696	4.0'S	3:42	less than 1" @ 4:14			OK (leak)
		13.5'D	Visual	- see profile			OK
	696A	8.5'D	Refused	- see profile			FAIL

REMARKS \_\_\_\_\_

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

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

TRENCH DESIGN DATA: A FEET FROM OBSERVED GROUNDWATER TO BOTTOM OF PROPOSED SEPTIC SYSTEM

INLET DEPTH \_\_\_\_\_

ON PRESENT M. Johnson & crew Owners

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

1 FT/BEDROOM \_\_\_\_\_

# HOMELWOOD

11279 Independence

COUNTY #

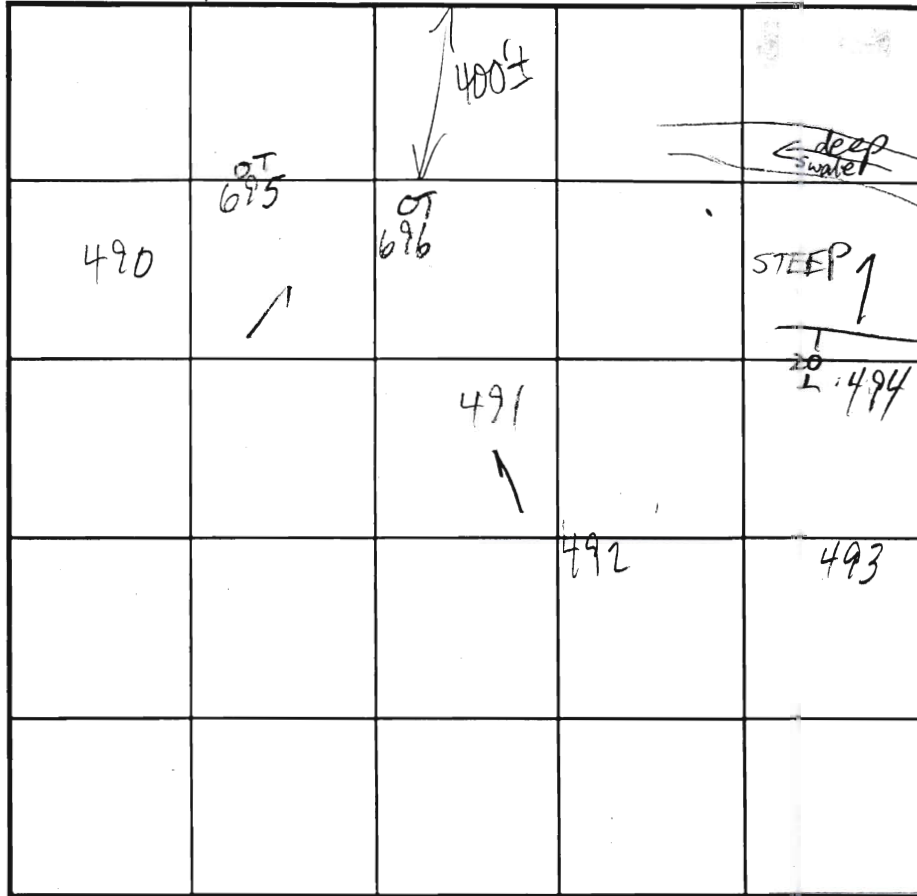
SOIL PROFILE  
 0' (491) (492)

4' Lt. orange tan sand 1m

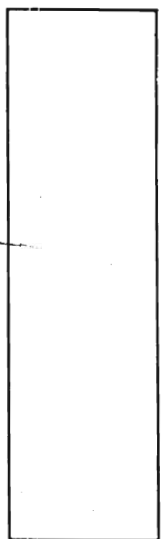
13'

(494)  
 Lt. orange tan sand 1m  
 15% frags  
 4 1/2' tan gray sand 1m  
 7' wh. beige wh. beige sand 30-45% frags  
 35' 45% 30-45% frags  
 12 1/2' HARD BOT DOWN UP

(493)  
 red orange brn sand 1m  
 10% frags  
 4' beige tan sand 1m  
 15% frags  
 9 1/2' 25-35% frags  
 13'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/15/01	491	5 1/2' / 13'	12:14	12:15	12:15	12:19	4	OK
	492	5 1/2' / 13'	12:15	12:18	12:18	12:24	6	OK
	494	5 1/2' / 12 1/2'	12:30	12:32	12:32	12:42	10	OK
	494	9'	2:50:15	2:50:45 FAIL	2:50:45 ROCK	2:51:45 FAST PERC	1	
	493	5 3/4' / 13'	2:54	2:56	2:56	3:01	5	OK

REMARKS ALL HOLES PER PLAN

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

TESTED BY Mark Rifkin ALSO PRESENT Chuck Crowe  
Mike J. + crew

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

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

COUNTY #

SOIL PROFILE  
**500**

0' Topsoil  
1" org brn

5-5 1/2' Sandy  
CL Lm  
Rock ~ 5-10%

Micaceous  
SAND  
Rock ~ 10-15%

1" brn  
1" tan  
1" org brn

14' Bottom

**499**

TOPSOIL

DENSE  
RED  
CLAY  
Mn aggregated  
Rock ~ 5%

4 1/2'

1" beige  
brn  
1" brn  
1" tan  
SAND

8' Rock frag  
20-25%

13' Bottom

**488**

TOPSOIL

Micaceous  
SANDY  
CLAY Lm

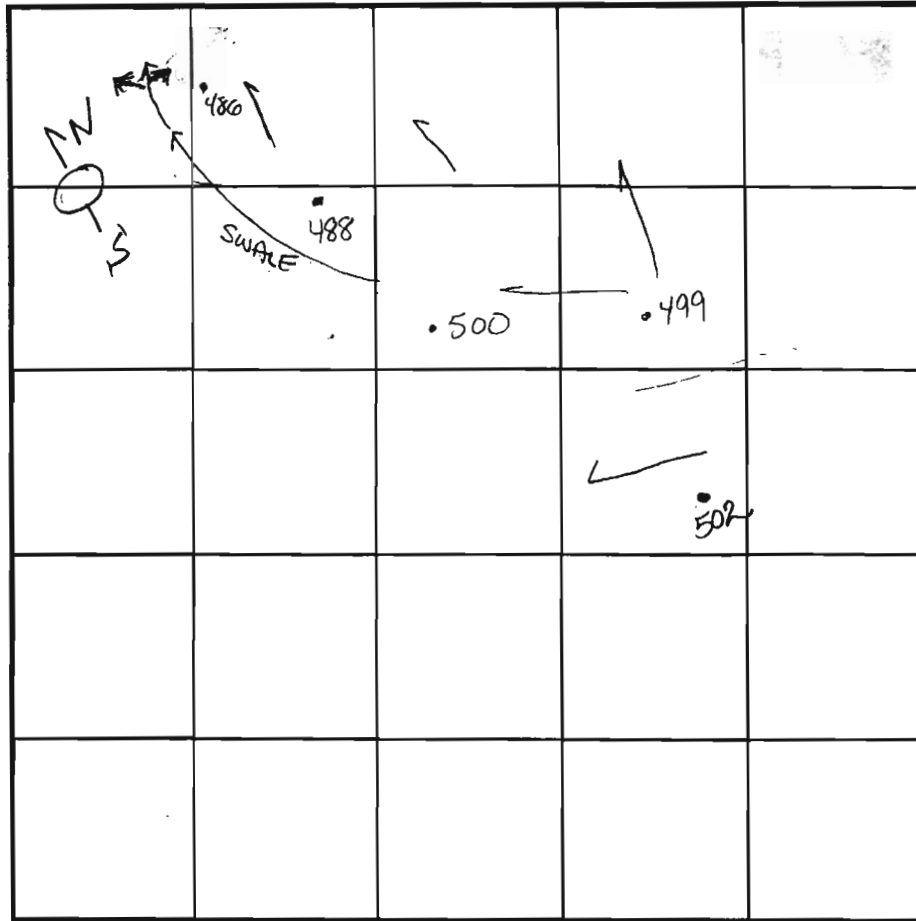
White  
1" beige  
SAND

5 1/2'

8'

Rock frag  
~ 50%

14' Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
**486 / 490**

0' Topsoil  
Strong tan  
brn

3-4' SC Lm  
trace rock

1" beige  
fine  
SAND  
Rock trace

for both  
holes

14' Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
11/15/01	500	5 1/2' S	11:23 <sup>02</sup>	11:31	11:31	11:48	~17min	
		14' B	—————		—————		—————	PASS
	499	5 1/2' S	11:36 <sup>40</sup>	11:39 <sup>50</sup>	11:39 <sup>50</sup>	11:44	~4min	
		13' B	—————		—————		—————	PASS
	488	6 1/2' S	11:51 <sup>04</sup>	11:58	11:58	12:11	13min	
		14' B	—————		—————		—————	PASS
	486	5 1/2' S	12:11 <sup>12</sup>	12:11 <sup>39</sup>	12:11 <sup>39</sup>	12:12 <sup>42</sup>	1min	OK
		repair	12:14 <sup>28</sup>	12:15 <sup>38</sup>	12:15 <sup>38</sup>	12:16 <sup>40</sup>	1min	
			12:17 <sup>16</sup>	12:18 <sup>47</sup>	12:18 <sup>47</sup>	12:20 <sup>00</sup>	2:47	
	490	5 1/2' S 14' D	12:25 <sup>36</sup>	12:26 <sup>21</sup>	12:26 <sup>21</sup>	12:30 <sup>10</sup>	~4:10	OK

REMARKS 486 Nice soils ~7.5' up from footslope of hill (also above opening of swale)

TYPE OF SOIL HOLES PER PLAN

TESTED BY Goedeeking ALSO PRESENT Chuck Crow

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH Mike & crew

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