

APPLICATION

PERCOLATION TESTING

A 50707

P _____

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

review OK

DISTRICT _____

DATE 5-23-95

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 JOANNE ILGENFRITZ

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER BOENDER ASSOC INC

ADDRESS 3230 BETHANY LA. PHONE 410-465-7778

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. _____

ROAD AND DESCRIPTION 2625 OLD ROGERS AVE

East side Old Rogers Ave North of Rt 70

TAX MAP 18 PARCEL # 26

SIZE OF LOT _____ TYPE BLDG. SFD
(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.

JRL

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING AREA LIMITED - HOLD FOR PLAT MR

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE 6/8/95

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

THIS IS NOT A PERMIT

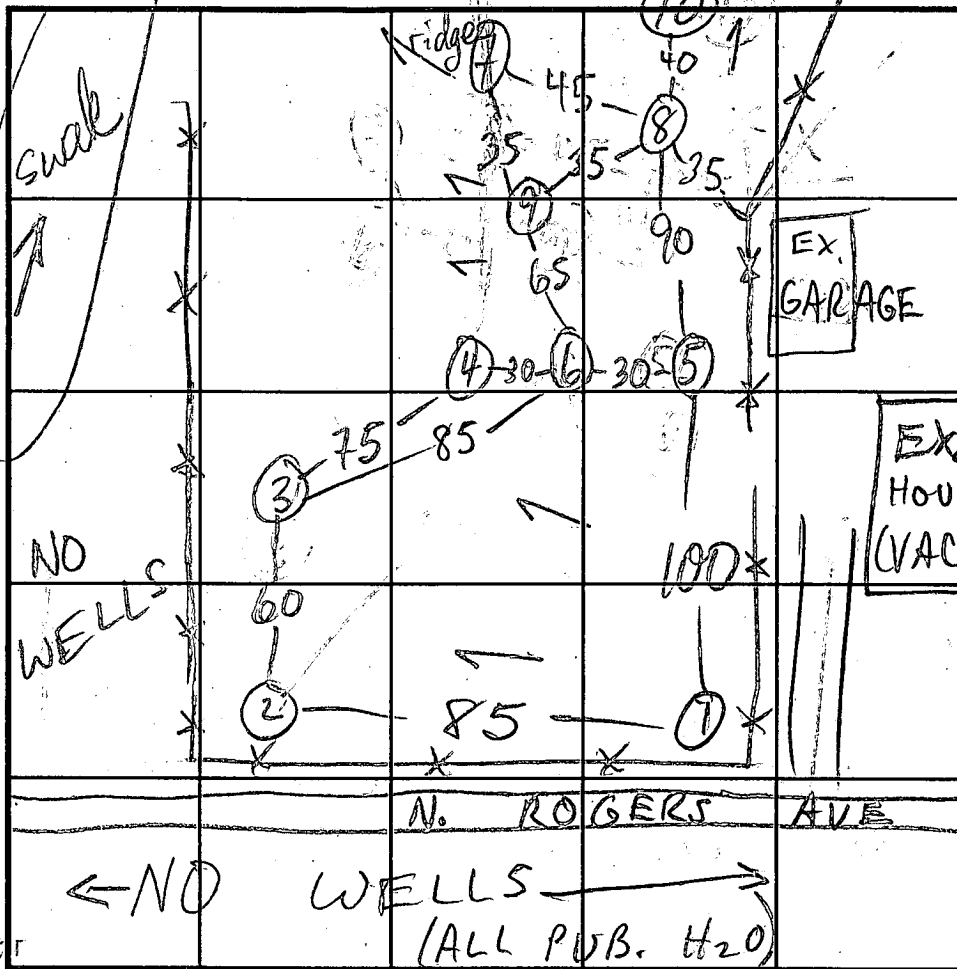
A50707
COUNTY #

SOIL PROFILE

0' 1
orange
silt/clm
15% frags
3 1/2'
brn
silt
loam
15% mica
frags
12'

2 3
tan
silt/clm
2-2 1/2'
beige
loam
mica
sand
silt/clm
5-15%
frags
11' 9" - 12 1/2'

4 7
brn
silt/clm
15% platy
frags
2'
tan brn
beige mica
sand
25-40%
platy
frags
11' below



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		
6/7/95	1 S	3' 9"	10:38	10:45	10:45	10:59	14	
	1 V	12	OK see profile					
	2 S	3' 4"	11:04 11:06	11:05 11:07	11:05 11:07	11:06 11:10	1 3	
	2 V	11' 9"	OK see profile					
	4 M2	6' 9"	11:46:40	11:47:20	11:47:20	11:48:20	1 min	
	4 S	3'	11:18	11:20	11:20	11:23	3 min	
	4 M	6' 9"	11:30:20	11:30:30	11:30	11:30:50	20 sec	
	4 M	6' 9"	11:31:05	11:31:25	11:30:25	11:30:50	28 sec	
	4 M	6' 9"	11:32:40	11:32:05	11:32:05	11:32:40	35 sec	
	4 V	9'	11:35:40	11:36:15	11:36:15	11:39:15	1 min	
	5 S	3 1/2'	11:53:00 11:55:20	11:53:45 11:56:05	11:53:45	11:54:20 11:57:10	35 sec 1 min	
	5 V	12 1/2'	see profile					20% frags @ 4 1/2' - 5 1/2'

FAIL

REMARKS: OK IN QUESTION small pocket
 TYPE OF SOIL: BEST HOLE 1 2 3 5 6 8 10
 TESTED BY: McRipkin ALSO PRESENT: Fyock crew
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: < 7 min TRENCH WIDTH: 3
 INLET DEPTH: 3 1/2' MAXIMUM BOTTOM DEPTH: 5 1/2' SQ. FT./BEDROOM: 180

COUNTY #

SOIL PROFILE

0' ~~brn~~
sact
1m

2' tan
brn
beige
mica
sand
5% frags

10' (5) (10)
brn tan
sa
cl 1m

12' 1/2' tan
red
org
sa 1m
10% frags

12' 1/2' uphill (9) downhill
brn
sact
1m

2' 2' 3' tan
sand
10% frags

6' 1/2' 15% frags
20-40% platy frags

9'

UPHILL WEST SOIL PROFILE (10) EAST DOWNHILL

0' ~~tan~~
sact 1m 2

tan
sa 1m
some
mica
10% frags

11' 1/2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/7/95	6 S	7	12:15:00	12:15:30	12:15:30	12:16:20	50 sec
			12:17:15	12:18:20	12:18:20	12:19:45	1/2 min
	6 V	10	OK see profile				
	7 V	9 1/2	sim to (4)		FAIL		
	9 V	9	see profile		FAIL		
	3 V	12 1/2	OK see profile				
	8 S	3 1/2	12:24	12:25	12:25	12:27	2
	8 V	12' 4"	OK see profile				
	10 S	3 1/2	12:54	12:55	12:55	12:58	3
	10 V	11 1/2	OK see profile				

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

June 12, 1995

Ms. Joanne Ilgenfritz
15905 Narrows Terrace
Silver Spring, Maryland 20906

RE: Percolation Test Results
Application Number: A50707 & A50708
Proposed Use: Subdivision
Property ID: Ilgenfritz Property
Tax Map: 18 Parcel: 26
North Rogers Avenue

Dear Mr. Ilgenfritz:

Percolation testing conducted June 7, 1995 on the above referenced property indicated limited satisfactory soil conditions. Shallow depths to excessive amounts of fractured rock were encountered in three test holes. Copies of the percolation test results are enclosed.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the location of all existing wells and septic systems on the property as well as the location of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100 feet of property boundaries have been shown.

The failed rock holes leave the availability of 10,000 square feet of approvable area in question.

This plat should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the below address or by calling 313-2640.

Very truly yours,
Mark E. Rifkin
Mark Rifkin, R.S.
Water and Sewerage Program

MR: jr
Enclosures
cc: Boender
File ✓

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323