

APPLICATION

PERCOLATION TESTING

A 515045

P _____

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

DISTRICT _____

DATE 4/13/2001

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 RAKESH THAKUR

ADDRESS 11902 EVENING CT. PHONE 410-531-9221
CLARKSVILLE, MD 21029

AGENT OR PROSPECTIVE BUYER JERRY BURGER

ADDRESS PIKE STATION; #2415; ROCKVILLE, MD 20847 PHONE 301-879-1968

PROPERTY LOCATION:

SUBDIVISION CLEARVIEW ESTATES LOT NO. 15

ROAD AND DESCRIPTION 11902 EVENING CT.

TAX MAP _____ PARCEL # _____

SIZE OF LOT 6.25 ACRES TYPE BLDG. SINGLE FAMILY HOME
(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. X Rakesh Thakur
(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



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

June 6, 2001

Mr. Rakesh Thakur
11902 Evening Ct.
Clarksville, MD 21029

RE: Percolation Test Results
Application # (S) 515045
Proposed Use: Subdivision

Property ID: Clearview Estates Lot 15
11902 Evening Ct.
Tax Map 29 & 35 Parcel 39 & 40

Dear Mr. Thakur:

Percolation testing conducted June 4, 2001, on the above referenced property indicated unsatisfactory soil conditions. Limiting conditions were excessively slow percolation rates, seasonally high and perched water tables and low chroma mottling indicative of such water table conditions. The area that was tested, failed for both conventional subsurface as well as sand mound type sewage disposal systems. Copies of the percolation test results are enclosed.

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

Very truly yours,

Ronald J. Pinkley, R.S.
Water and Sewerage Program

:dc
Enclosures
cc: Mike Robbins
Jerry Burger
File



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

April 27, 2001

Mr. Rakesh Thakur
11902 Evening Court
Clarksville, Maryland 21029

RE: **Percolation Test Date**
Application: A515045
Proposal: Subdivision
Property ID: Clearview Estates, Lot #15
Evening Court

Dear Mr. Thakur:

"Wet season" percolation testing for sand mound septic systems has been tentatively scheduled for the above referenced property for **Friday, June 1, 2001 at 10:00 a.m.**

Please be advised that while percolation test dates have been assigned for spring wet season, 2001, due to severely depressed groundwater levels, you may wish to postpone percolation testing until a bonafide spring wet season – see attached for further explanation. Upon receipt of this letter, please contact this office at (410) 313-2640 to accept or decline the assigned percolation test date(s).

You shall be responsible for having a contractor on site to excavate the percolation test holes (to a **minimum depth of 14 feet**) as proposed and as required by the Health Department representative at the time of testing.

In the event of uncertain weather (i.e., precipitation or extremes of temperature), please contact this office prior to 9:00 a.m. on the test date to determine whether or not percolation testing can be performed on that date. If it is not feasible to perform the test, a new test date shall be assigned.

Percolation test results may be expected by mail two to three weeks after the completion of the percolation testing. Thank you in advance for your cooperation in this matter.

Sincerely,

Donna K. Clark, R.S.
Water and Sewerage Program
DKC
cc: file

6/1/01 - Because of potential rain, sand mound tests cancelled at my advice to Mrs. Thakur. She agreed. Told Mrs. Thakur that I would call Monday 6/4/01 between 8-830 to confirm Monday's Date at 10AM. Confirmed for 6/4/01 (SRU)

*M. Meloy: March
9/23 & 10/78*

APPLICATION

A 37774
P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 992-2330

DISTRICT _____
DATE _____

*TO BE
SCHEDULED
IN WET
SEASON*

*3/19/84
repeated failed
SM*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Crystall Hill Investments
ADDRESS 10005 Old Columbia Rd. Suite L265 PHONE 730-2411
Columbia, md 21046
PROPERTY LOCATION: Failed AREAS OF LOT 1 Sec. 1
SUBDIVISION Clearview Estates LOT NO. 1
ROAD AND DESCRIPTION Md. Rt. 108 and Shepherd Lane

SIZE OF LOT 3.2 ac. TYPE BLDG. residential
(NUMBER OF BEDROOMS)

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.

Steven M. Murray
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

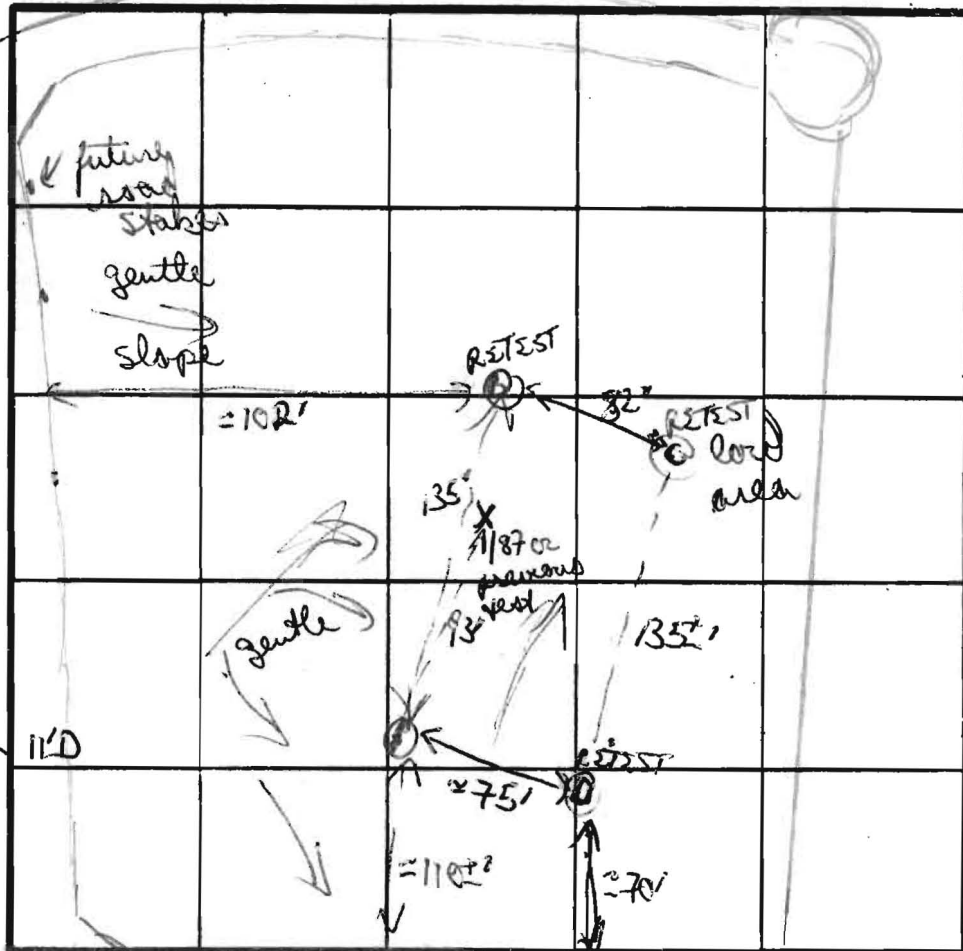
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OF HOLDING RETEST in WET SEASON FAILED
160 in all holes; marginal soils; rock

THIS IS NOT A PERMIT

B
SOIL PROFILE

0
orange/brown
clay 4 1/2'
mix of grey
orange silty
clay
to 7'
grey/brown
silty mica
loam
H₂O coming in
12' D



RETEST
D
orange/brown
clay silty
mica loam
3'
no brown/
orange silty
mica loam
w/ clay sides
6 1/2' D
H₂O at 9' D

RETEST C

brown/orange
clay mix
4 1/2'

to orange/brown
silty mica
loam 8'

w/ patches
damp blue
grey soil

H₂O coming in
= 10' D

11' D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	RETEST B	VISUAL ONLY					
		H ₂ O AT 11' D (see profile)					
	RETEST C	VISUAL ONLY					
		H ₂ O at 10-10 1/2' D (see profile)					
	RETEST D	VISUAL ONLY					
		H ₂ O at 9' D (see profile)					
	RETEST A	VISUAL ONLY					
		H ₂ O at 8 1/2 - 9' hard bottom 9'					

12' D
A
orange/
brown
clay silty
mica 3 1/2'
brown
silty mica
w/ 15%
small- lgs
shred frag
↓ hard
H₂O 9'

REMARKS

H₂O in all holes; no area available

TYPE OF SOIL

orange/brown clays to 4 1/2'; orange/brown silty mica loam

TESTED BY

B N Nixon

ALSO PRESENT

NRB

TEST DATA

NAME <u>(owner) Tony Takkar</u>	FILE NO <u>A 515045</u>
LOCATION <u>Clear view Estates Lot 15</u>	COUNTY <u>Howard</u>
<u>5/</u>	DATE <u>6/4/01</u>
RECORDED BY <u>R. Pinley</u>	GRID _____
<u>(Buyer) Mike Robbins</u>	E N

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
TP1	SM-1A (8" water)	17"-25"	9:34:30 10:17:00	1/16" in 43m Too Slow	7" 6 15/16"	set in yel brn CL horizon <u>Fail</u>
TP2	Regular Perc 2	12 1/2" 4 1/2"	10:45:30	(see next page)		
Between TP2 & TP4	SM-2 (8" water)	14"-22"	1:28:00 1:55 2:16 2:28	Too Slow	5" 4 3/4" 4 11/16" 4 10/16"	<u>Fail</u>

MARYLAND DEPT. OF THE ENVIRONMENT
 ONSITE SEWAGE DISPOSAL SYSTEM
 SITE EVALUATION REPORT
 SOIL PROFILE DESCRIPTION

FILE NO.
 MD. GRID:
 TAX MAP/B/P:
 SUBDIVISION:
 DATE: 6/4/01
 BY: R.J. Miller

LOT 15 SECTION

DEPTH	TEXTURE	MATRIX COLOR	MOTTLES DESCRIPTION	STRUCTURE	CONSISTENCE	%ROCK BY VOL.	REMARKS (Caving, moisture, etc.)
0-2 1/2"	A ₁	HL	10YR 4/3 dark Brn	3 m gran	mfr	—	V. Moist abundant f-m roots about 23% clay
2"-4 1/2"	A ₂	HL-L	10YR 4/4 dk yel Brn	3 cgrm- Vf blk	mfr	—	wet > 1" rubber, No sheen about 25% clay cf-moist
11"-17"	B ₁	grcol-SL	2.5Y 5/4 olive Brn	mP blk conc 2 LS	mfr-Ls	20-30% F-m gran	irregular but somewhat water rounded gty gravel saturated, 3m clay films on stones, etc.
19"-26"	B ₂	CL-HL	yel Brn	c 2 gray mottles 1 co ssk-pr	mfi	few	active perched water, seepage @ 19" m clay films dry-wet
26"-33"	B _x	C	yel Brn	m 2-3 blue gray mottles c 2 d 10-25YR 5/4 mottles 1 mpr-sbk	mfi-mufi	few	dense hard -> 35% clay m clay films dry
33"-51"	B _c	Mica L	Neutral Brn -yt Brn	c 3p blue gray mottles c 2 d yel Brn mottles massive	—	—	—
11"-18"	B ₁	CL	10YR 5/4 yel Brn	c 1-2 d 10YR 5.5YR 4/1-5/1 1 m sbk	mfi-mfr	5% gravel	V. Moist - Moist
18"-23"	B ₁	grcol-SL	2.5Y 5/4 olive Brn	mP blk conc 2 LS	Ls-mufi	20-30% F-m gran	wet-saturated
Mottles + perched water too close to surface = Fail + slow pers later @ 19-26"							

Mottles
+ Hole

on Sk
side

Slope% - 3% EL.(11) - Chroma 2 - 11" 5/4 Least Permeable Layers - perched water @ 19" - Fail
 Landscape Position - Toeslope Water BLS - Limiting Zones - dense clay lens @ 19-26", Mottled dense CL 26"-32" + 11" (H) Blk
 Additional Remarks - about 30-40' off CL of Swale (somewhat irregularly by later 10' wide berm)