

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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 Melissa Owens _____

ADDRESS 1065 Arbor Hill Rd. PHONE _____
Staunton, VA 24401

AGENT OR PROSPECTIVE BUYER SECURITY DEVELOPMENT, LLC _____

ADDRESS P.O. BOX 417 ELLICOTT CITY MD 21041 PHONE 410-465-4844

PROPERTY LOCATION:

SUBDIVISION JACKSON PROPERTY LOT NO. _____

ROAD AND DESCRIPTION BURNT WOODS ROAD EAST OF SNOW CHIEF ROAD

TAX MAP 22 PARCEL # 2

SIZE OF LOT 1 AC ± TYPE BLDG. SINGLE FAMILY DETACHED
(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.

Melissa Owens
(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

513758

NOT TO SCALE

COUNTY #

SOIL PROFILE

100

0' brown topsoil
 red-brn silt 1m to org fine sandy 1m
 5-10% ROCK FRAGS
 CAVE IN 10'
 WATER 12'

101

2' red-brn 1m
 CAVE IN heavy silt 1m
 4' grey-org mottled heavy clay 1m
 WATER 15'

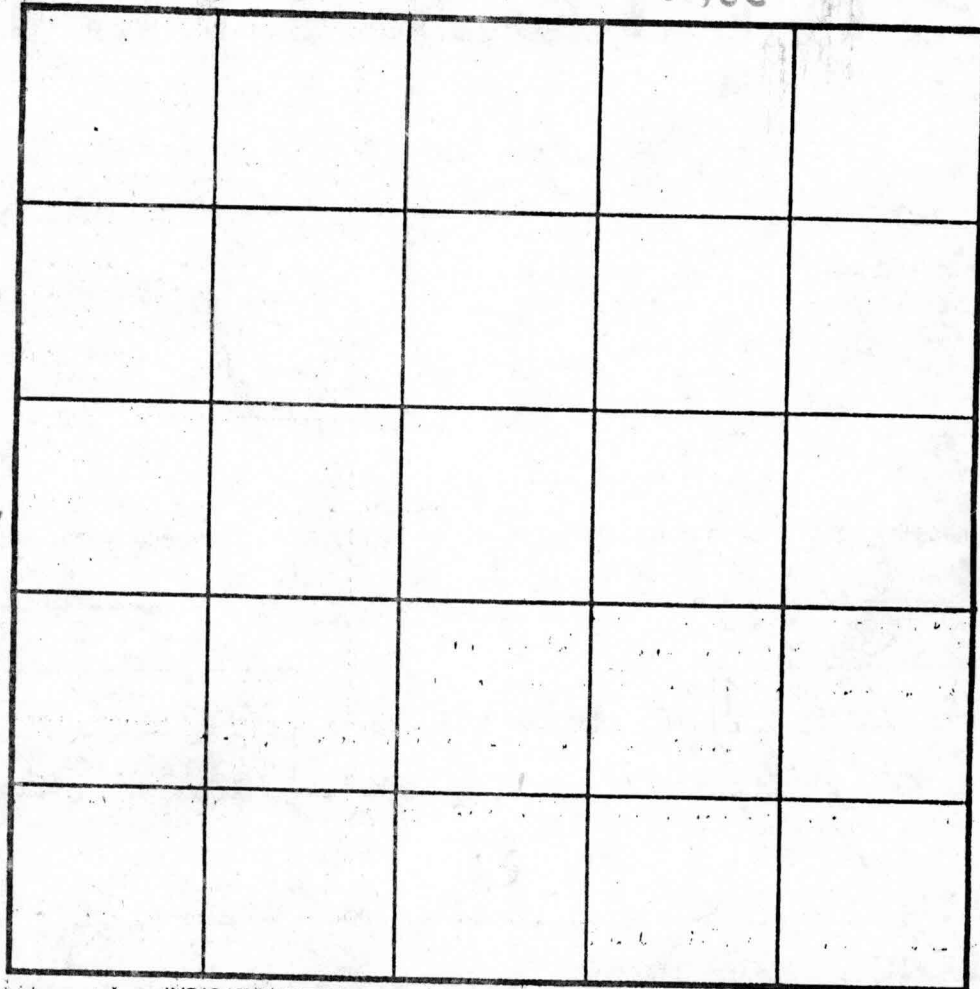
103

5' red-brn 1m
 SEEPAGE
 6' gleying/mottled soil
 8' WATER

SOIL PROFILE

104

0' red-brn-org heavily mottled clay
 6' gleyed-org redox features
 WATER



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME | |
|---------|----------|---------------|----------------------|-------|----------------|-------|-------|-------|
| | | | START | STOP | START | STOP | | |
| 4/29/03 | 100 | 5' V 10' V | 10:36 | 10:38 | 10:38 | 10:48 | 10min | Marg. |
| | 101 | 2' V | (INSUFFICIENT DEPTH) | | TO WATER TABLE | | NA | Fails |
| | 103 | 5' V | " | 8" | " | " | NA | Fails |
| | 104 | 6' V | (INSUFFICIENT DEPTH) | | TO WATER TABLE | | NA | Fails |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

REMARKS Holes 100, 101, 103, 104 → poor landscape position

TYPE OF SOIL: Chester

TESTED BY SRK Kenny Hatfield = Backhoe ALSO PRESENT Clark Sperry

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 515 958

P _____

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

DISTRICT _____

DATE 7/26/01

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 Melissa Owens

ADDRESS 1065 Arbor Hill Rd. PHONE _____
Staunton, VA 24401

AGENT OR PROSPECTIVE BUYER SECURITY DEVELOPMENT, LLC

ADDRESS P.O. BOX 417 ELLICOTT CITY MD 21041 PHONE 410-465-4844

PROPERTY LOCATION:

SUBDIVISION JACKSON PROPERTY LOT NO. 7

ROAD AND DESCRIPTION BURNT WOODS ROAD EAST OF SNOW CHIEF ROAD

TAX MAP 22 PARCEL # 2

SIZE OF LOT 1 AC ± TYPE BLDG. SINGLE FAMILY DETACHED
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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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

515958

NOT TO SCALE

COUNTY #

SOIL PROFILE 25/26/29B

0' org-brn silt lm

1' org-brn silty clay lm

4'6" org-brn / tan fine sandy lm 0-5% Rock FRAGS.

13'

27

1' brn silt lm

tan-brn micaceous powdery loam 0-5% decayed parent material

no obvious signs of redox mottling

12'6"

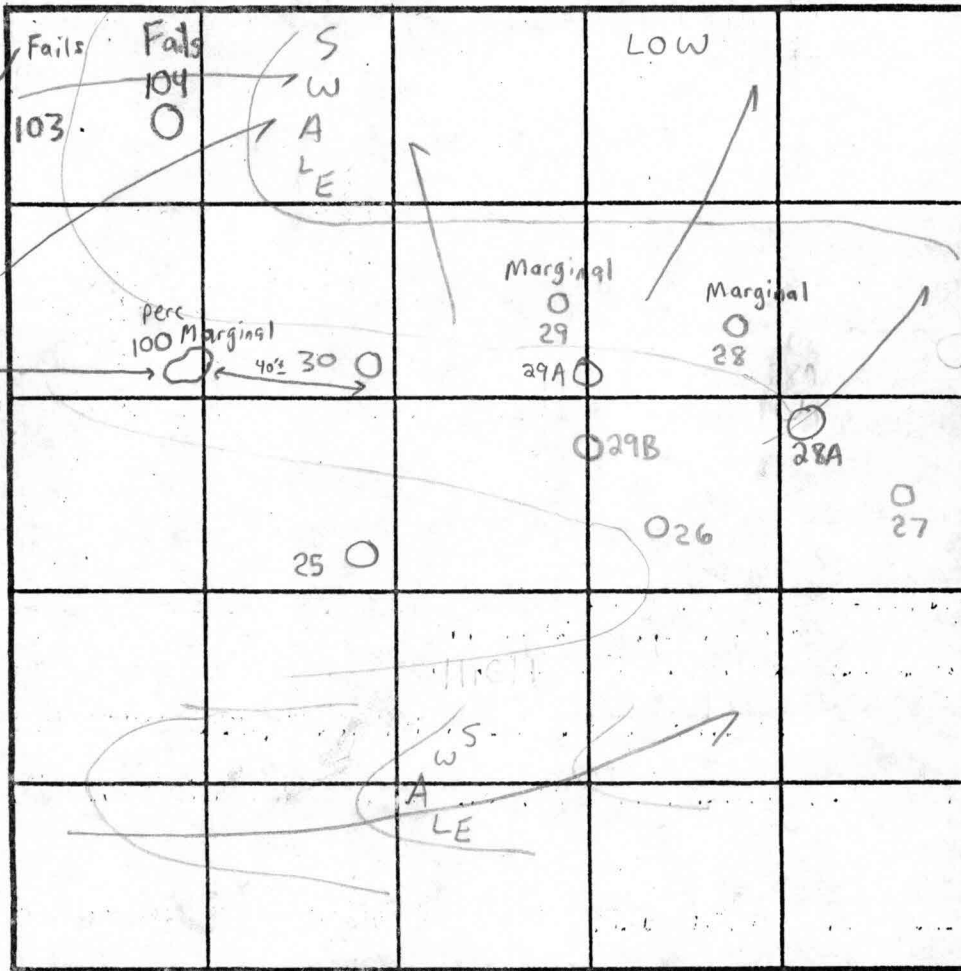
28/30/28A

15" red-brn structured silt lm

org-brn channely sandy lm

3' yellow-brn powdery lm 10-20% decayed rock questionable redox features in parent material grey/org colors throughout parent material

18'



SOIL PROFILE 29

0' red-brn structured silt lm

2' red-brn dense sandy lm

5' light olive-gray matrix fine loam

7' org-brn powdery sandy lm parent material may have redox features grey/org mottles within parent material

14" 29A brown fs

1' red-brn clay lm 4'3"

org-brn silt lm 5'3"

tan-brn silt lm

13' WATER

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT. 32

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1' DROP | | TIME |
|--------------------|----------|-------------------|-------------------------------------|-------------------|----------------|---------------------|------------------|
| | | | START | STOP | START | STOP | |
| 9/23/02 4/29/03 | +25 | 4' T 13' V | 1:32pm | peg pulled not at | at 2:02pm | 2nd peg after 30min | 1 1/2 min & more |
| | +26 | 4' T 13' V | 1:20pm | 1:25pm | 1:25pm | 1:30pm | 5min |
| 7/29/03 only → | 29B | 13' V | (useable sidewall consistent w/ 25) | | below 4' | | NA |
| | +27 | 3' T 12'6" V | 1:13pm | 1:15pm | 1:15pm | 1:17pm | 2min |
| | +28 | 4' T 12' V | 12:00pm | 12:03pm | 12:03pm | 12:05pm | 2min |
| 4/29/03 only → | 28A | Consistent w/ 28 | useable | sidewall | below 4' | | |
| | +29 | 4' T 14' V | 12:21pm | 12:30pm | 12:30pm | 1:00pm | 30min |
| 4/29/03 only → | 29A | 5' T 13' V | 11:00 | 11:10 | 11:10 | 11:18 | 8min |
| | +30 | 4'8" T 13'6" V | 12:24pm | 12:33pm | 12:33pm | 12:38pm | 5min |

REMARKS

+ Holes re-evaluated in "true" wet season & determined to be OK

TYPE OF SOIL Chester

TESTED BY SRK John Goodman = Backhoe 9/23/02
Kenny Hatfield = " 4/29/03 ALSO PRESENT Clark Sperry Barry Glott 9/29/01

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH 3'

INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 5.5 SQ. FT/BEDROOM 210

CHINA ONLY SYSTEM ONLY

Fails at depth tested

Hold/OK

HOLD, OK

Marginal

Marginal

OK

HOLD OK

Foxtail Run Signed perc. Cert 5-14-03

