

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 3.10 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

0' 742
 1' top soil
 1' org red
 1' brn
 1' cl lm
 3.5' —
 1' org brn
 1' si mica
 1' lm
 20%
 rock
 12' Refusal

0' 743
 1' top soil
 1' red org
 1' brn
 1' cl lm
 5.5' —
 1' 4' org
 1' brn
 1' si mica
 1' lm
 11.5' cave-in
 13' water

0' 744
 1' top soil
 1' clay
 1' org brn
 1' cl lm
 7' —
 1' 4' brn
 1' si mica
 1' to
 1' 4' brn
 1' si mica
 1' lm
 12' Refusal

SOIL PROFILE

0'

| | | | | |
|--|--|-----|-----|-----|
| | | | | |
| | | | | |
| | | | | |
| | | 742 | | |
| | | | 743 | |
| | | | | 744 |

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Homewood Road

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|---------|---------|--------------|----------------|---------|------|
| | | | START | STOP | START | STOP | |
| 6-12-01 | 742 | 5.0' S | 1:36 | 1:37.3 | 1:37.3 | 1:40.3 | 3 |
| | | 12.0' D | Refusal | - see | profile | | OK |
| | 743 | 6.0' S | 1:42 | 1:52 | 1:52 | 2:20 | 28 |
| | | 11.5' D | water | seepage | - see | profile | FAIL |
| | 744 | 4.5' S | 1:53.3 | less than 1" | @ | 2:23.3 | — |
| | | 12.0' D | Refusal | - see | profile | | FAIL |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS

TYPE OF SOIL _____ DUE TO DROUGHT CONDITIONS,
 TESTED BY DKC APPROVABLE HOLES MUST HAVE 8
 TRENCH DESIGN DATA FEET FROM OBSERVED
 INLET DEPTH _____ GROUNDWATER TO BOTTOM OF
 PROPOSED SEPTIC SYSTEM

SO PRESENT M. Johnson & crew
Owners
 TRENCH WIDTH _____
 SQ. FT./BEDROOM _____

515042

COUNTY #

SOIL PROFILE

(565)

org brn
w/rd
SCLM Rx - 5%

2 1/2'

Micaceous
Sand15-25%
w/rd struct.
Saprolite? Rx
(color -
white
pege
brn)

Bottom

14'

(639)

hvy dk
brn
LM w/
clay skin feds
56'Micaceous
dk brntan
fine
SLM

Rx - 510%

Bottom

13 1/2'

(640)

DEEP TEST

CLM

2-8'

4'

38 am

hvy SLM

SCLM

Rock -

15-20%

hard

micaceous

aprolite

sand

12'

REALLY
638?

(642)

(641)

(640)

Slight
(subale)
ENDS
approx 60' from
#639

(639)

(564)

OT?

(645)

↓ 50'±

TEST
HOLE
DUGTHIS
DATE?

TOROAD

SOIL PROFILE

(642)

hvy
2m

Rx 10-15%

40-50%
Hard
Rock
E micaceous
SLM

Bottom

(641)

strong rd brn
SCLM 4 1/2'
Rx ~ 35%±
dk brn micaceous
S-SL

12 1/2' - HARD Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

REALLY 638? HOMEWOOD RD

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|----------------------------------|------------------------------------|---------|----------------|---------|----------|
| | | | START | STOP | START | STOP | |
| 2-20-02 | 565 | 6 1/2' E | 4:12" | 4:13" | 4:13" | 4:15" | 2 20 min |
| | | 14' D | | | | | OK |
| | 639 | 6 1/2' | 4:18 | 4:24 | 4:24 | 4:32 | 8 min |
| | | 13 1/2' D | | | | | OK |
| | 640 | 6 S | 4:31 38 | 4:33 00 | 4:33 00 | 4:38 | 5 min |
| | | 12' B | | | | | OK |
| | 642 | Fail due to rock and steep slope | | | | | F |
| | | | | | | | |
| | 641 | 6 1/2' | 4:43 00 | 4:45 22 | 4:45 22 | 4:46 07 | 2 min |
| | | 12 1/2' Refusal | DEEP TEST REQ'D FOR FURTHER REVIEW | | | | |

REMARKS 641 - pierced directly in Rx Holes per plan

TYPE OF SOIL

TESTED BY Goedeking

ALSO PRESENT Chuck Crow
Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

APPLICATION

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PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ 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
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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. (29.5)

orange red
brn 1m
15-20%
Fragr
14. brn
tan
sa 1m
10-15%
Fragr

no clear
loom

var.
brn side
loam
10-20%
Frags

brnorge
loam

H. brn
tan
white
salmon
10-15%
frag's

SOIL PROFILE

0

heavy
org
cl lm

tan
pink
A. brn
sal m
10%
frag

| | | | |
|------|---|------|---|
| | | | ④ 4 1/2 orange brn c/l m thru 1 m |
| | (2) OT REMO 10-20% frags w/depth = all m below 8 | | tan lt. 6 ft 10-20% frags w/depth = all m below 8 |
| | | | |
| 1290 | 1291 | | 562 |
| 1293 | 1294 | 1292 | 100' |

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOMELAND RD

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------------|----------------------------------|--------------------|---------|----------|----------------|----------|------|
| | | | START | STOP | START | STOP | |
| 8/26/02 | 1295 ^S _M ↓ | 5 1/2 / 7 | 10:16 | 10:18 | 10:18 | 10:20 | 2 |
| | | | 10:14 | 10:21 | 10:21 | 10:28 | 7 |
| | 562 ^S _M ↓ | 5 1/2 / 7 | 10:38 | 10:49 | 10:49 | 10:58 | 9 |
| | | | 10:24 | 10:30 | 10:30 | 10:49 | 19 |
| | 1294 ^S _M ↓ | 5 1/2 / 6'9" / 13 | 11:06 | 11:10 | 11:10 | 11:18 | 8 |
| | | | 11:06 | 11:08 | 11:08 | 11:13 | 5 |
| | 1290 ^S _M ↓ | 4 9" / 7 / 13 | 11:15 | 11:18 | 11:18 | 11:24 | 6 |
| | | | 11:13 | 11:14:45 | 11:14:45 | 11:16:45 | 2 |
| | 1291 ^S _M ↓ | 5 / 7 / 13 | 11:23 | 11:27 | 11:27 | 11:32 | 5 |
| | | | 11:22 | 11:27 | 11:27 | 11:32 | 5 |
| OK @ 5-5 1/2 | 1292 ^S _M ↓ | 4 1/2 / 6 1/2 / 13 | 11:38 | 11:45 | 2844 | | |
| | | | 11:28 | 11:33 | 11:33 | 11:39 | 6 |
| | 1293 ^S _M ↓ | 7 1/2 / 13 1/2 | 11:41 | 11:42 | 11:42 | 11:44 | 2 |
| 8/27/02 | X | 7 1/2 / 13 1/2 | 10:37 | 10:42 | | | |
| | | | 10:30 | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS

TYPE OF SOIL

TESTED BY M.H.

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

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ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____

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HOMELWOOD

COUNTY #

SOIL PROFILE

0' 564
DK TAN
Brn
SACCL
LM
4'6" H tan
beige
brn
lm
Rock Frg
Saprolite
10-20%
Bottom

15' 565
4" TOPSOIL
DK Brn
CLLM
3'3" Hvy loam
Rd brn

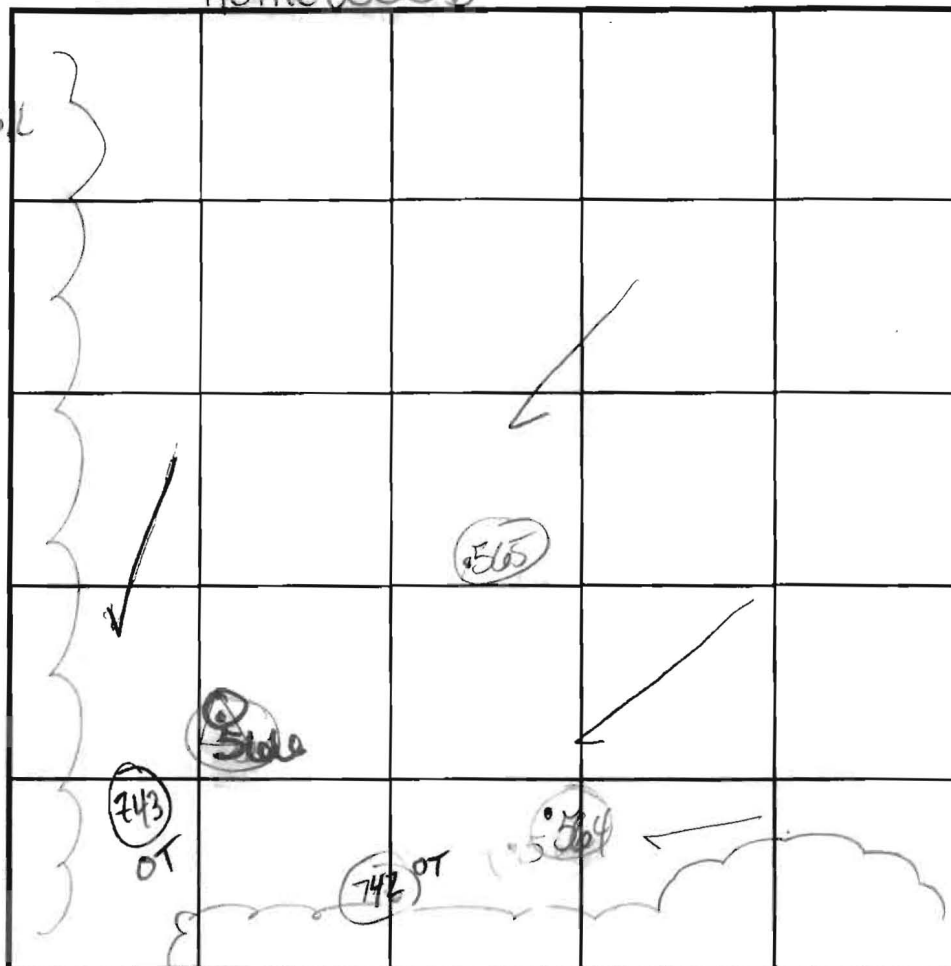
5'4" brn
tan
lt beige
Si lm
Rock Frg 45%
Bottom

13'8" 566
4" Hvy CLAY
Loam
DK Rd
DK Brn

8' Hvy loam
tan, rd brn
9' brn
rd brn
beige
offwhite
Rock Frag 5%
loam
14'5" Bottom

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 | |
| 9/26/11 | 564 | 6'S | 11:08 ¹⁵ | 11:16 | 11:16 | 11:28 | 12min |
| | | 15'D | | | | | PASS |
| | 566 | 5'4'S | 11:16 | less than 1" in 30 min | | | Fail |
| | | 14'S D | | | | | Fail |
| | 565 | 5'4"S | 11:22 | 11:30 | 11:30 | 11:35 | 5min |
| | | 14'S D | | | | | PASS |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS 566 - Excessive hvy clay to 8' HOLES PER PLAN

TYPE OF SOIL

TESTED BY Goedeking ALSO PRESENT Chuck Crow

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

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM