

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

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 Jared T. Healy, Trustee and M. Charlotte Powel, Trustee

ADDRESS 10715 Charter Dr., Columbia, MD 21044 PHONE 410-730-4545

AGENT OR PROSPECTIVE BUYER Floyd Lane, L.L.C. CONTACT: Tim Feaga, Heritage Land Develop

ADDRESS P.O. Box 999, Columbia, MD 21044 PHONE 410-489-7900, ext. 11

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

233

ROAD AND DESCRIPTION Buckskin Woods Drive, Ellicott City, MD 21042

TAX MAP 22 PARCEL # 77, 283 and 74

SIZE OF LOT 1 acre 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.

B. James Greenfield  
(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

104

0' topsoil

6' dull org brn cl lm

2' br org brn sa cl lm

4' med pb brn to beige sa mica lm  
10% sapr sh

105

0' topsoil

6' org brn cl lm

5' med org brn ser cl lm

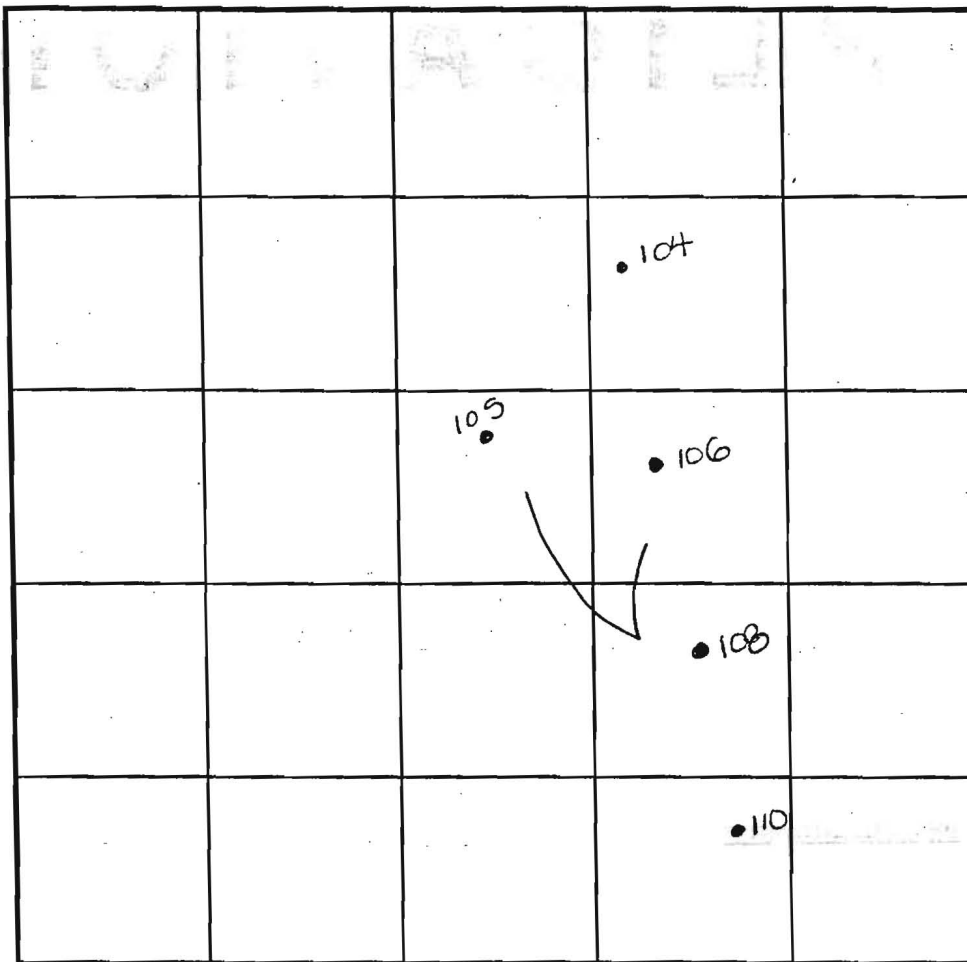
4' med red brn sa mica lm  
w/ 20%+ sapr sh

106

0' topsoil

6' org brn cl lm

4' med org brn to dk red brn sa mica lm  
19-20% sapr sh



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

108

0' topsoil

6' org brn cl lm w/sh frag

3.5' med pl brn sa mica lm  
w/ >60% sapr sh

110

0' topsoil

6' org brn cl lm

org brn to dk pl brn sa mica lm  
19%+ sh

| DATE   | TEST NO. | DEPTH   | PRE-WET            |                   | TEST - 1" DROP    |                    | TIME |
|--------|----------|---------|--------------------|-------------------|-------------------|--------------------|------|
|        |          |         | START              | STOP              | START             | STOP               |      |
| 8-4-00 | 105      | 3.5' S  | 11:28 <sub>3</sub> | 11:34             | 11:34             | 11:43              | 9    |
|        |          | 12.5' D | visual             | -see              | profile           |                    | OK   |
|        | 104      | 3.5' S  | 11:41              | little slow       | -test stopped     |                    | -    |
|        |          | 13.0' D | visual             | -see              | profile           |                    | OK   |
|        |          | 5.0' M  | 11:54              | 12:06             | 12:06             | 12:22              | 16   |
|        | 106      | 12.5' D | visual             | -see              | profile           |                    | OK   |
|        | 108      | 3.0' S  | 12:11              | 12:16             | 12:16             | 12:28 <sub>3</sub> | 13   |
|        |          | 11.5' D | visual             | -see              | profile           |                    | FAIL |
|        | 110      | 13.5' D | visual             | -see              | profile           |                    | OK   |
|        | 108      | 6' 8" M | 2:48 <sub>3</sub>  | 2:50 <sub>3</sub> | 2:50 <sub>3</sub> | 2:52 <sub>3</sub>  | 2    |

REMARKS

holes tested as staked

TYPE OF SOIL

TESTED BY

DKS

ALSO PRESENT

C. Zepp, T. Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

98

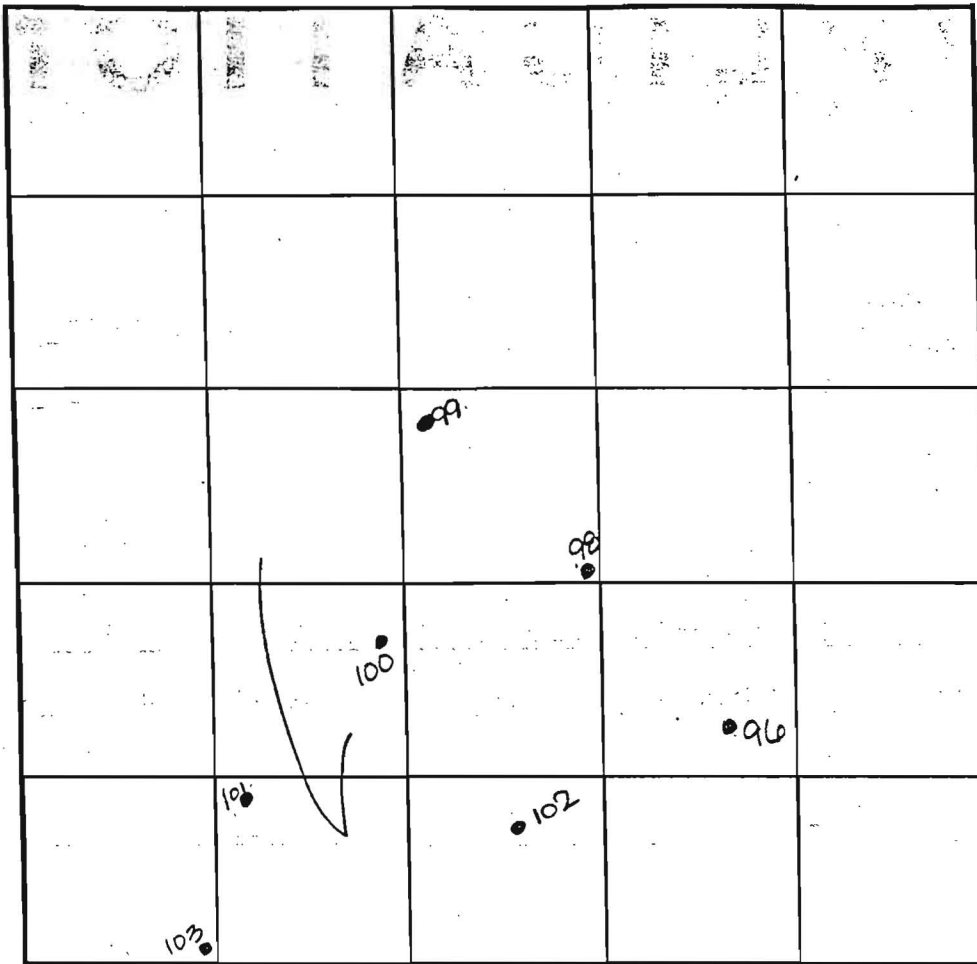
topsoil  
 red  
 org brn  
 sa cl  
 lm  
 med  
 red brn  
 sa mica  
 lm  
 w/  
 30%bt  
 sapr  
 sh

96/103

topsoil  
 org brn  
 sa cl  
 lm  
 med red  
 brn  
 sa mica  
 lm  
 w/  
 20%  
 sapr  
 sh

100/99

topsoil  
 dull ag  
 brn  
 cl lm  
 br org  
 brn  
 sa cl lm  
 med  
 pl brn  
 sa mica  
 lm  
 w/  
 15-20%  
 sapr  
 sh



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

102

topsoil  
 dull  
 org brn  
 cl lm  
 br org  
 brn  
 to  
 pale  
 pl to  
 calc  
 sa mica  
 lm  
 5-10%  
 sapr  
 sh

101

like  
 100  
 w/  
 10%bt  
 sapr  
 sh

| DATE   | TEST NO. | DEPTH  | PRE-WET            |                    | TEST - 1" DROP     |                    | TIME |
|--------|----------|--------|--------------------|--------------------|--------------------|--------------------|------|
|        |          |        | START              | STOP               | START              | STOP               |      |
| 8-4-00 | 98       | 4.0'S  | 11:01 <sub>3</sub> | 11:02 <sub>3</sub> | 11:02 <sub>3</sub> | 11:04              | 2    |
|        |          | 13.0'D | visual             | - see              | profile            |                    | OK   |
|        | 96       | 12.0'D | visual             | - see              | profile            |                    | OK   |
|        | 100      | 4.0'S  | 11:07 <sub>3</sub> | 11:08 <sub>3</sub> | 11:08 <sub>3</sub> | 11:10              | 2    |
|        |          | 12.0'D | visual             | - see              | profile            |                    | OK   |
|        | 103      | 3.5'S  | 11:12              | 11:17 <sub>3</sub> | 11:17 <sub>3</sub> | 11:25 <sub>3</sub> | 8    |
|        |          | 12.5'D | visual             | - see              | profile            |                    | OK   |
|        | 99       | 12.0'D | visual             | - see              | profile            |                    | OK   |
|        | 101      | 11'8"D | visual             | - see              | profile            |                    | OK   |
|        | 102      | 13.0'D | visual             | - see              | profile            |                    | OK   |

REMARKS

holes tested as stated

TYPE OF SOIL

TESTED BY

DKS

ALSO PRESENT

C. Zepp, T. Peaga

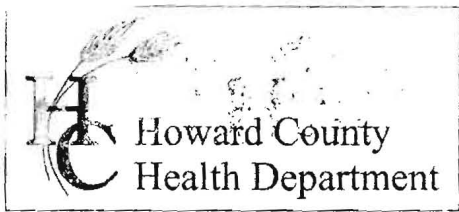
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



7178 Columbia Gateway Drive, Columbia MD 21046  
Phone (410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-5600  
Website: [www.hchealth.org](http://www.hchealth.org)

Peter L. Beilenson, M.D., M.P.H., Health Officer

DATE: May 8, 2012

RE: 4288 Buckskin Wood Drive  
Ellicott City, Maryland 21042  
**Variance Request**

TO: Steven and Patricia Grimes  
4288 Buckskin Wood Drive  
Ellicott City, Maryland 21042

Mr. and Mrs. Grimes:

After a site evaluation on May 2, 2012 at 4288 Buskin Wood Drive, it was determined your request for a variance to allow construction 10 feet from the septic field cannot be approved.

There is another way to possibly have your proposal addressed. It requires you to submit a revised percolation certification plan with a variance to allow the septic area to be extended out within 5 feet of the property line. (**County code requires the septic area to be 10 feet from the property line.**) With this variance it would allow you to redesign the area of your septic area in which the current proposal of the pool is encroaching on; and allow room for required setbacks.

If you have any questions or correspondence, I can be reached at the above address or by telephone at (410) 313-2775.

Respectfully,

A handwritten signature in cursive script that reads 'Dana Bernard'.

Dana Bernard, REHS/RS  
Bureau of Environmental Health  
Well and Septic Program  
Phone (410) 313-2775  
E-mail: [DBernard@howardcountymd.gov](mailto:DBernard@howardcountymd.gov)

cc: Well & Septic program file

