



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 535209

AGENCY REVIEW: \_\_\_\_\_

DATE 5-19-11

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 4 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

X PROPERTY OWNER(S) Paul + Nancy McAllister

DAYTIME PHONE 443-535-9922 CELL 301-787-7332 FAX \_\_\_\_\_

MAILING ADDRESS 12234 Etchison Rd Ellicott City, MD 21042  
STREET CITY/TOWN STATE ZIP

APPLICANT Paul self

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Woodmark LOT NO. 9

PROPERTY ADDRESS same as above  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ PROPOSED LOT SIZE \_\_\_\_\_

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Paul McAllister  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P \_\_\_\_\_

Empty rectangular box for notes or data.

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Large empty rectangular box for main notes or observations.

Empty rectangular box for notes or data.

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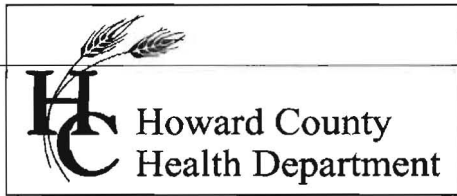
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS \_\_\_\_\_

SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_



**Bureau of Environmental Health**

7178 Gateway Drive Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: [www.hchealth.org](http://www.hchealth.org)

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

Date: June 8<sup>th</sup>, 2011

To: Paul and Nancy McAllister

From: Heidi Scott, R.S.  
Development Coordination Section  
Well & Septic Program

RE: PERCOLATION TEST RESULTS – A535209  
12234 Etchison Rd  
Ellicott City, MD 21042

Percolation testing was conducted at the above referenced property on June 7<sup>th</sup>, 2011. Results indicate satisfactory soil conditions. Testing was conducted to identify sewage disposal area in response to plans for a proposed addition. A total of four test holes were dug within the proposed septic area. All tests had satisfactory perc rates and consistent soils. The existing well was found to be in good condition and the septic system appears to be functioning properly.

Field data collected is shown on the Percolation Test Worksheets enclosed with this letter. Further review of this project is contingent upon submission of a Percolation Certification Plan.

If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at (410) 313-6287.

Enclosures  
Cc:  
File

**[A]**

8" bme / roots  
red bm ch scl Hsbk

3' yellow bm sl saprolite

7' yellow bm fsl saprolite

11' yellow bm ls

14'

**[B]**

6" bm l

red bm 2 fsk scl

3'8" yellow bm fsl saprolite

9.5' yellow bm ls H<sub>2</sub>O @ 12'

13'

**[C]**

8" bm l

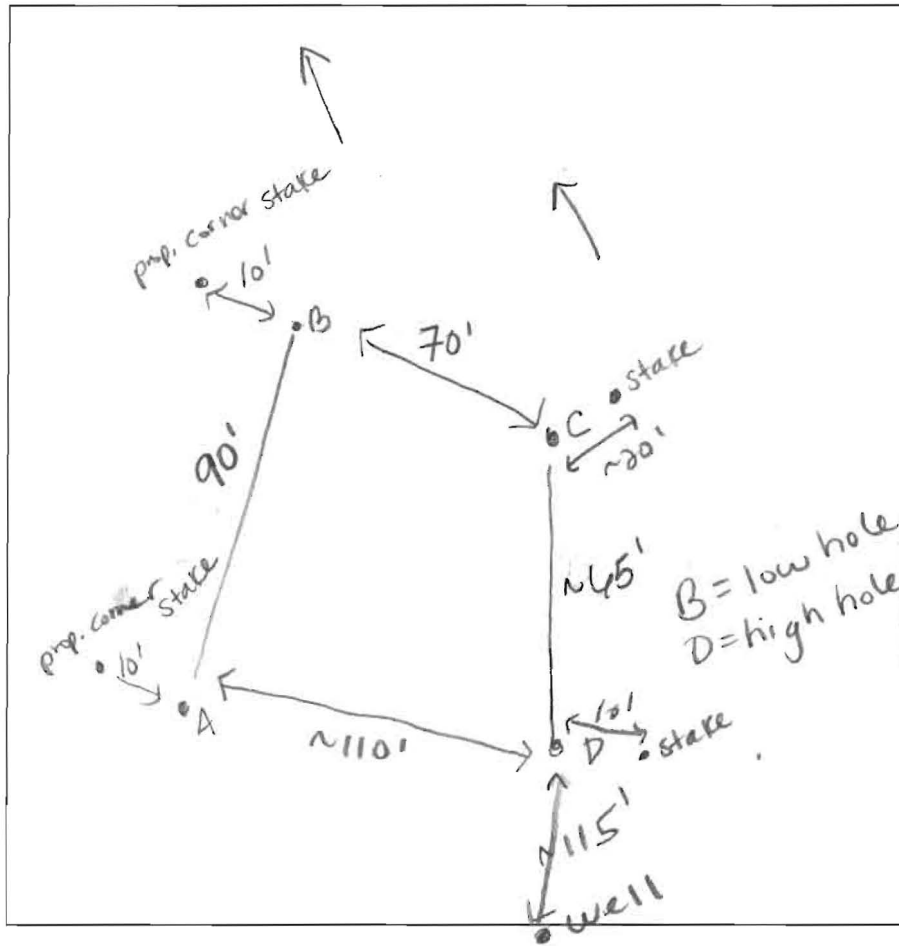
red long bm scl 2 fsk

2.5' red bm sl 25% channels

5' yellow bm fsl saprolite

(same as A+B)

13' yellow bm ls



**[D]**

red bm l/roots 10"

red long ch scl 4'

red long sl saprolite 8'

yellow bm fsl 10'

yellow bm ls 13'

(similar to others)

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4-7-11	A	5' / 14'	9:32 <sup>34</sup>	9:37 <sup>31</sup>	9:47 <sup>30</sup>	7	P
4-7-11	B	5' / 13'	9:39	9:40 <sup>30</sup>	9:44	4	P
4-7-11	C	5' / 13'	9:50	9:52 <sup>30</sup>	9:56 <sup>35</sup>	4	P
4-7-11	D	5' / 13'	10:04	10:07 <sup>10</sup>	10:09 <sup>25</sup>	2+	P

REMARKS Soils very consistent Drywell 47' from S.T. S.T. 19.5' from rear house corner

SANITARIAN HS BACKHOE Ronnie Heaps OTHERS owner

TEST HOLES USED IN SDA 4 AVG. PERC TIME ~4 SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH 2' INLET DEPTH 4' MAX. BOT DEPTH 7' EFFECTIVE S/W 2'

PROPERTY KNOWN AS:  
 12234 ETCHISON ROAD  
 LOT 9  
 BLOCK F, SECTION 9  
 WOODMARK  
 3rd ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 DEED REF: 9442/280

CHARLES A. COOK 427/679

Owners: Paul and Nancy McAllister  
 Address: 12234 Etchison Rd, Ellicott City, MD 21042  
 Phone: 443-535-9922

Prep: Paul McAllister  
 Sig: Paul McAllister

LOT 7

- Any changes to a private sewage easement shall require a revised percolation certification plan.
- The topography of this platment is taken from USGS and HC Health DEPT and is verified to accurately represent the relative changes on this property.
- All wells and sewage systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems have been shown.

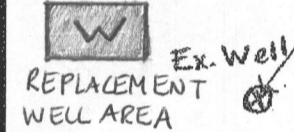
This area designates a private sewage disposal area of at least 10,000 sq. ft. as required by the MD Dept. of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This sewage disposal area shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recordation of a revised sewage easement shall not be necessary.

LEGEND:

- FC FACE OF CURB
- IPF IRON PIPE FOUND
- IRS IRON ROD SET

• A PERC (PASSED)

REPLACEMENT WELL AREA



Ex. Well

MAC D/W

CONC. D/W

75' BRL

100'

150.00'

N53°30'00"W

105.7'

50' WIDE R/W

ETCHISON ROAD

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

Wife for Peter Beileuson 7/8/2011

(HO. CO. HEALTH OFFICER) (DATE) ngo

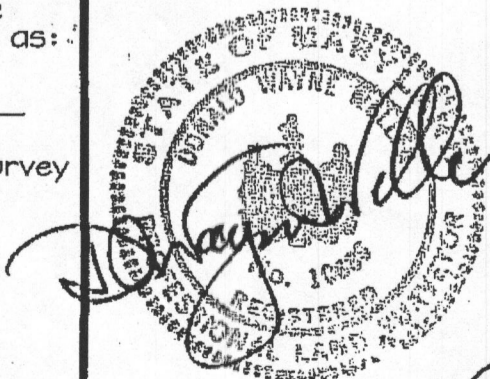
CERTIFICATION

This is to certify that I have surveyed the property known as:

12234 ETCHISON ROAD

The information shown has been established by current acceptable survey procedures and from available record information.

SEAL



SCALE: 1" = 50' | DATE: 2/2006

**LDE Inc.**  
 Engineers, Surveyors, Planners

9250 Rumsey Road, Suite 106  
 Columbia, Maryland - 21045  
 (410)715-1070 - (410)715-9540 Fax

DRAWING: GDW | JOB #06-200.05

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