

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 519628

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

DATE 10/22

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 \_\_\_\_\_ 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)

PROPERTY OWNER(S) Randall Jewell

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

MAILING ADDRESS 7409 Oakcrest Lane  
STREET CITY/TOWN STATE ZIP

APPLICANT Hatfields

DAYTIME PHONE 301-854-6172 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 13785 Burntwoods Rd  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Hopkins Mead LOT NO. 30 100292

PROPERTY ADDRESS 7409 Oakcrest Ln  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 41 GRID 15 PARCEL(S) 196 PROPOSED LOT SIZE 1.02 ac

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. \_\_\_\_\_ SIGNATURE OF APPLICANT

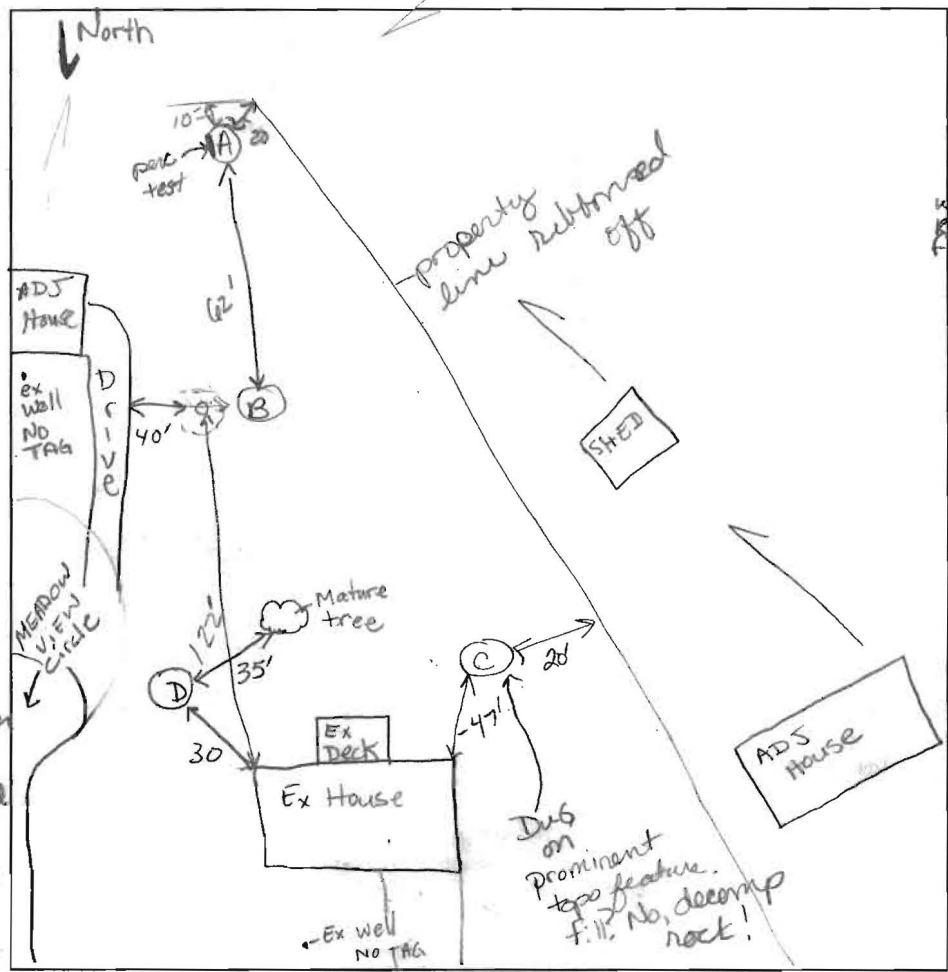
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP 519628

**(A)**  
 Brn CLM  
 Strong rd Shcky s:CLL  
 Ribbons 2" Rock 5%+  
 6 1/2 - 7'  
 Str rd s: L - L  
 micaceous strong yellow begins @ 7 1/2'  
 s.g. structure pockets of micac. silt  
 Bottom 16'

**(B)**  
 dense rd zybrn CL L  
 Rock ~5%  
 strong org SL micaceous  
 6'  
 Vwksapelite No mottles 10%  
 L Sand mead moist 15' Bottom

**(C)**  
 org. rd brn s:CLL  
 2 1/2 - 3'  
 Strong y, white s: L  
 micaceous various colors  
 Bottom 14'



**(C)** Small  
 strong org brn  
 strong red  
 strong yellow  
 strong org  
 white  
 DK rd purple  
 Clumps of decomposed Rock s:CLM breaks up into 2mm-5mm platy pieces compacted clumps

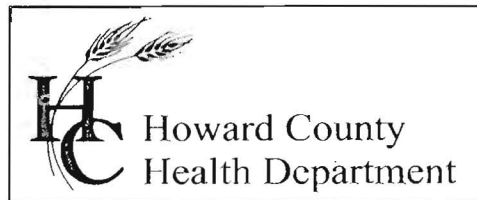
**(D)**

**(D)**

Oakcrest LN

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
10/22/23	(A)	6 1/2 S / 16 V	10:22 <sup>30</sup>	10:26 <sup>15</sup>	10:31	4 min	H
			Water coming in @ 16' No signs of moths above				
			@ 10:44 Cave in @ 12' due to saturation				
			@ 11:45 Cave in @ 10'				
	(B)	6 1/2 S / 15 V	11:01	11:10	11:20	10	P
	(C)	6 1/2 S / 14 V	11:10	11:15	11:32	17	P
	(D)	Visual	see hole B				P
		Hold (C) purposely dug on abnormal top feature. OTHER HOLES homogeneous					

REMARKS \_\_\_\_\_  
 SANITARIAN Kacie Norman BACKHOE Hatfields OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME ~10 SQ. FT/BR 210  
 TRENCH WIDTH 2-3 INLET DEPTH 6 MAX. BOT DEPTH 8 EFFECTIVE SW 2  
 Low area 30' below perc hole B - bottom @ 6' NO SIDEWALL USAGE.



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

October 31, 2003

Randall Jewel  
7409 Oakcrest Lane  
Clarksville, MD 21029

Re: Percolation test results/ supporting upgrade  
Hopkins Mead, Lot 1  
7409 Oakcrest Lane  
Tax Map: 41 Parcel: 196

Dear Mr. Jewel,

Percolation testing conducted on October 22, 2003 for the above referenced property yielded satisfactory results for an upgrade with a maximum of six bedrooms. Included is a copy of field notes and layouts for two septic systems. Please note water in percolation test hole A. Because of the water, each septic layout has different specifications.

For future permit application approval, a revised percolation testing/ building site plan needs to be submitted to our office meeting the minimum criteria listed below:

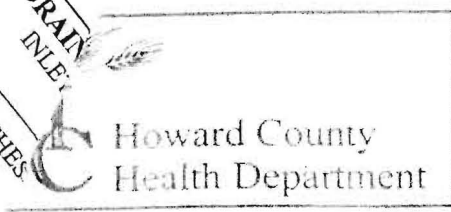
- ❖ Field locate test holes and indicate passed and marginal (hole A)
- ❖ Topography with 2' contours starting at the back of the house to the southernmost portion of the property
- ❖ Ensure any grading done is not in the accepted septic easement.
- ❖ Identify adjacent properties with address and well locations, ensuring 100' setbacks from their wells to your septic easement
- ❖ Actual dimensions of additions and elevations for plumbing into the septic area with a 1-2% slope/fall from the invert out of the house to the septic tank
- ❖ Ensure 100' separation from your existing well to the septic easement
- ❖ Using the design criteria, lay out both systems with 2000 gallon septic tank and distribution box locations allowing no more than 3' cover over the septic tank
- ❖ In phantom shading, identify the current layout of the two existing drywells.

Please include with your new percolation certification site plan a copy of the house floor plans for our files. If you have any additional questions, you may reach me at 410-313-1771.

Sincerely,  
*Kacie Noonan*  
Kacie Noonan  
Sanitarian

*Mailed  
11/8/03*

NUMBER OF TRENCHES  
TOTAL LENGTH  
ON BOX LEVEL  
PORT



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