

# 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 5

DATE 3-8-02

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 Thomas C. Curtis and Betty Jean Curtis

ADDRESS 13471 Triadelphia Mill Rd, Clarksville, MD 21029 PHONE 301-854-2141

AGENT OR PROSPECTIVE BUYER Highland Development Corporation, Richard J. Demmitt, President

ADDRESS PO Box 228, Clarksville, MD 21029 PHONE 410-531-5539

PROPERTY LOCATION:

SUBDIVISION Curtis Property LOT NO. 14

ROAD AND DESCRIPTION Triadelphia Mill Road

TAX MAP 34 PARCEL # 2

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.

*Richard J. Demmitt*  
(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

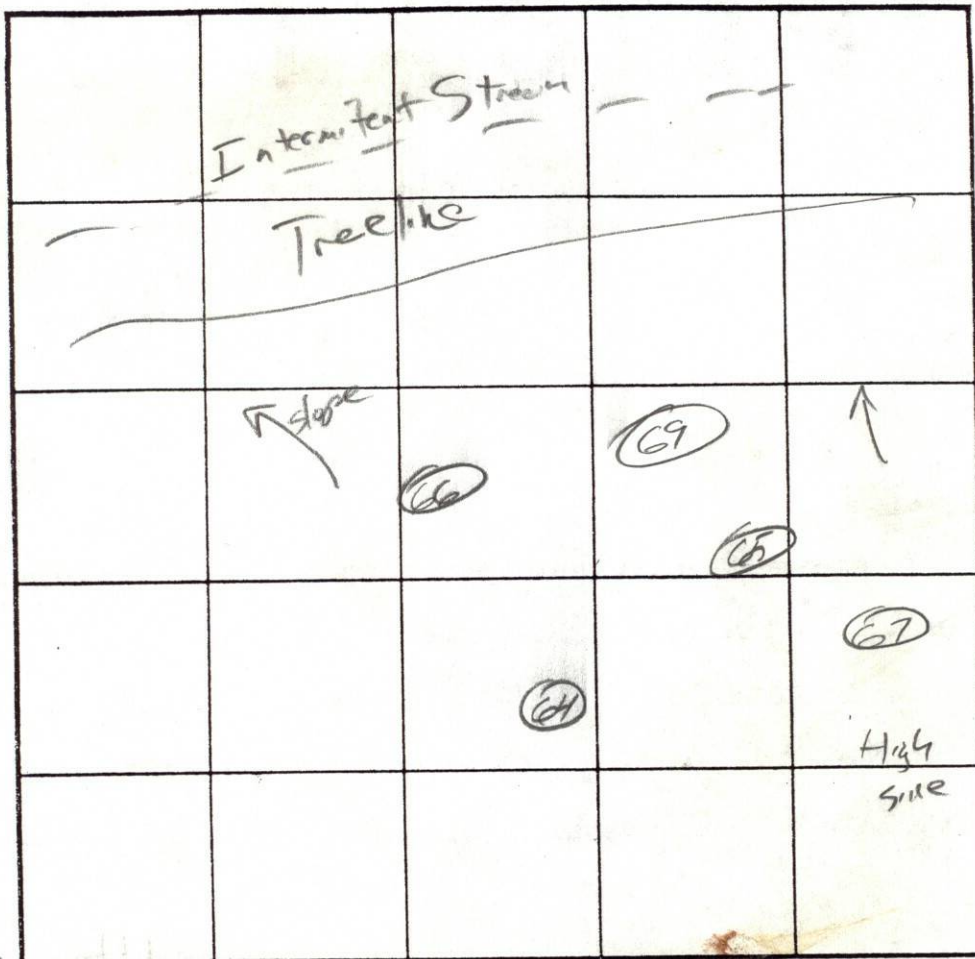
0' P-64  
 red  
 Lw/0-5%  
 Channery  
 frag  
 2 1/2  
 Fine  
 red brown  
 SLw/0-10%  
 weak saprolite  
 +0-5%  
 Channery  
 frag

P-65

2  
 Brown  
 SL0-5  
 Channery  
 frag  
 13  
 red  
 Brown micaceous  
 LS  
 w/15-20%  
 weak  
 saprolite  
 +0-5 Channery  
 frag

P-66

4 1/2  
 red brown  
 Heavy  
 L  
 13 1/2  
 tan  
 micaceous  
 LS  
 w/15-20%  
 Channery  
 frag



SOIL PROFILE

0' P-67  
 red brown  
 Lw/10%  
 Channery  
 frag  
 3 1/2  
 Fine  
 red brown  
 micaceous  
 w/10-15%  
 weak  
 saprolite  
 13

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/17/02	P-64	3 1/2 / 13v	2:45:15	2:47:15	2:47:15	2:50:30	3:15	OK
		7 1/2 / 13v	2:44:45	2:46:00	2:46:00	2:48:15	2:15	
6/17/02	P-65	4 1/2 / 13v	2:23:45	2:25:45	2:25:45	2:31:00	5:15	OK
6/17/02	P-66	4 1/2 / 13 1/2	2:16:30	2:21:00	2:21:00	2:28:15	7:15	OK
6/17/02	P-67	5 / 13v	2:33:00	2:34:15	2:34:15	2:37:15	3	OK

REMARKS

TYPE OF SOIL Glendg

TESTED BY J. Boris ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 TRENCH WIDTH 3

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 180

COUNTY #

SOIL PROFILE

SOIL PROFILE

0'  
 P-69  
 Red Brown  
 Heavy  
 L  
 2  
 Fine  
 micaceous  
 LSwl  
 10-15%  
 Qtz fross  
 & some weak  
 Sphalite  
 13

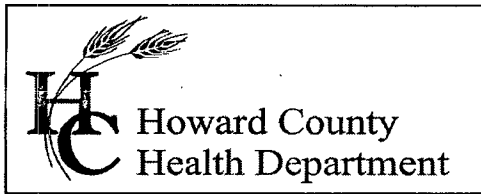

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INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/17/02	P-69	<del>4 1/2</del> 13 v	2:11:30	2:13:45	2:13:45	2:16	2:15 OK

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Glenelg  
 TESTED BY J. Boris ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_





Bureau of Environmental Health  
7178 Columbia 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

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

November 10, 2009

Matt Atwell  
6085 Marshalee Dr., Ste. 130  
Elkridge, MD 21075

RE: **Variance Approval**  
13587 Broccolino Way  
Clarksville, MD 21029

To Whom It May Concern:

This letter is a follow up to the verbal approval of your waiver request. The Health Department has received your waiver request dated October 2, 2009 requesting a waiver to allow a Sewage Disposal Area to be located five (6) feet from the property lines. This agency grants **approval** of the waiver. Any deviation from the Percolation Certification Plan signed on October 22, 2009 will require review by this Department. The property line along the sewage disposal area must be professionally staked prior to the trench installation.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

Michael J. Davis, R.S.  
Assistant Director  
Bureau of Environmental Health

c: File

October 2, 2009

Sara Sappington  
Well and Septic Program  
Howard County Health Department  
7178 Columbia Gateway Drive  
Columbia, MD 210046

Re: 13587 Broccolino Way  
Brighton Mill, Lot 14

Ms. Sappington:

I am writing to request a variance for the on-site septic disposal area on one of our lots.

The variance is from the 10 foot setback between a lot line and a septic reserve area. The area I am requesting a variance for is the northern side of the lot adjacent to lot 15.

The Health Department, in a letter dated September 29, 2009 to Benchmark Engineering, Inc., you requested that the septic reserve area be adjusted away from the well area on lot 12. In order to comply with that request and to provide adequate trench design it was necessary to encroach into the required setback by 4 feet. We will still have the ability to maintain the trenches as there will be 6 feet of area between the adjoining lands and the septic reserve area. I do not feel that any of my neighbors will be impacted by this request.

Thanks you for your time and effort on this project.

Sincerely,



Matt Atwell

NV Homes

10/22/09  
Verbal Approval  
rjg