

# APPLICATION

PERCOLATION TESTING

A 510694

P \_\_\_\_\_

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

*perc Test for SDA for  
Restrooms at Barn, Riding Horse Training  
Farm 9/10/91 Rpp*

DISTRICT \_\_\_\_\_  
DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*FACILITIES ARE FOR FAMILY & STAFF  
LIMITED LAUNDRY OF HORSE RIDING EQUIPMENT  
NOT TO EXCEED 400 G.P.D. (CW)*

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Richard F and Nadine G Solomon (KEG 36142)

ADDRESS 11 Franklin Tree Ct Catonsville PHONE (410) 747-7331

AGENT OR PROSPECTIVE BUYER Security Development Corp

ADDRESS P.O. Box 417 Ellicott City PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Riggs Meadow LOT NO. Parcel B

ROAD AND DESCRIPTION corner of Riggs Meadow Dr and Roxbury Mill

TAX MAP 31 PARCEL # 232

SIZE OF LOT 37.05 acres TYPE BLDG. Agricultural and Residential  
(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.

Nadine G Solomon  
(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'

D A  
heavy  
beigh  
yellow  
clm

5.5

bright  
red  
sisalm  
very  
friable  
some  
stone

13.0

B, C, F

Heavy  
SiClm  
orange  
brn

4.0

bright  
or  
SiLm

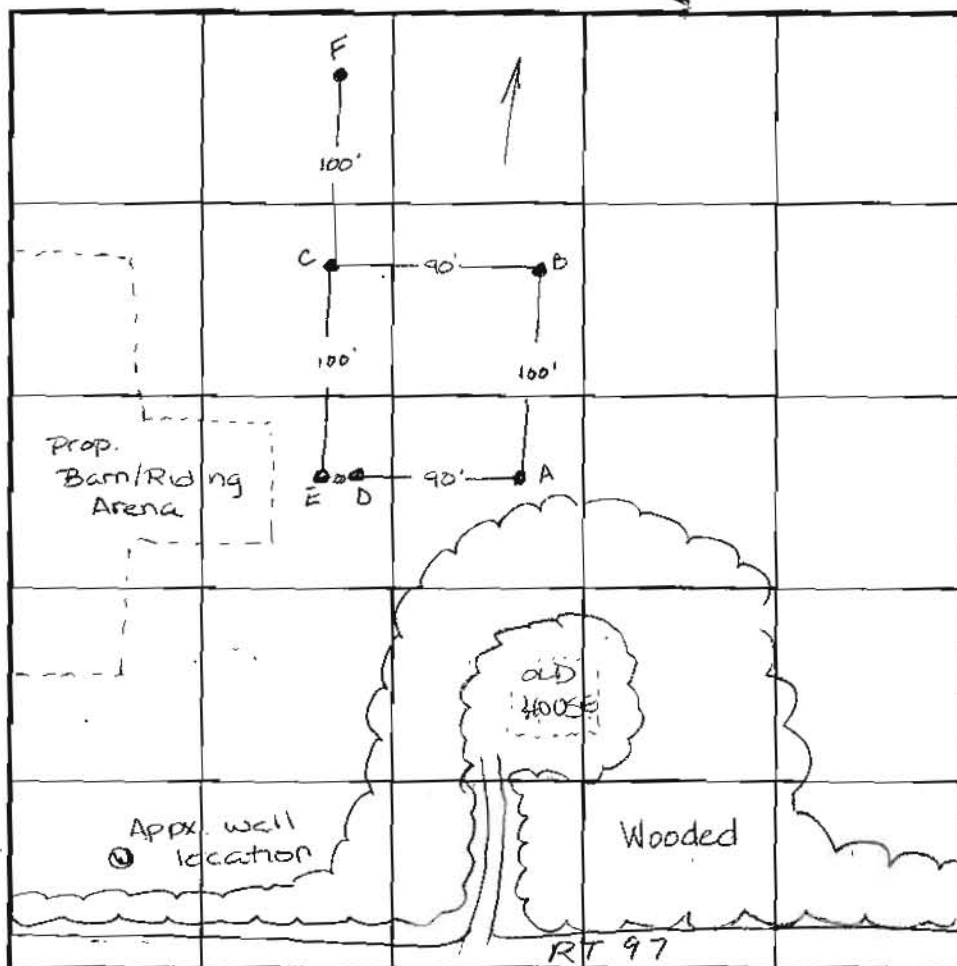
10.0

dull  
grey  
brn  
sisalm  
H<sub>2</sub>O?

14.0

E

heavy  
clm  
to  
8.0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
10-15-98	A	Visual	to 13.0	- see profile	—	—	OK
	B	4.5 V12.5	10:20	10:37	10:37	11:02	25min
	C	4.0 V14.0	11:05	> 30 min	—	—	slow
		5.5 V14.0	11:07	11:10	11:10	11:16	6min
	D	5.5 V13.0	11:52	12:04	12:04	12:20	16min
	E	Visual	deep delay	—	—	—	F
	F	Visual	to 14.0	- see profile	—	—	OK

REMARKS

TYPE OF SOIL

TESTED BY Amy McMullen

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

20 min

TRENCH WIDTH

3.0

INLET DEPTH

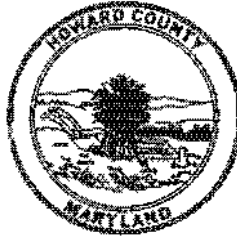
4.0

MAXIMUM BOTTOM DEPTH

6.0

SQ. FT./BEDROOM

300



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

November 13, 1998

Richard & Nadine G. Solomon  
11 Franklin Tree Court  
Catonsville, Maryland 21228

RE: Percolation test results  
Application Number: 510694  
Purpose: Indoor Riding Arena  
Property ID: Riggs Property  
Preservation Parcel B  
Tax Map: 31 Parcel: 232

Dear Mr. & Mrs. Solomon,

Percolation testing conducted Thursday, October 15, 1998, on the above referenced property, yielded satisfactory soil conditions. Copies of the percolation test results are enclosed.

The percolation test successfully delineated an area of sufficient size to support a riding arena with discharge not to exceed 400 gallons per day, i.e. a single restroom and a washing machine.

In order to qualify for building permit approval, a Percolation Certification Plan showing the following information should be submitted to this office by a registered engineer:

- actual locations & elevations of all excavated test holes
- suitable house and well site
- locations of existing wells and septic tanks within 100 feet of property boundaries
- streams/swales/springs and any other relevant landscape features
- contour lines

If you have any questions regarding this matter, you may contact me at the address below or by calling (410) 313-2640.

Very truly yours,

Amy Mc Millen, R.S.  
Water and Sewerage Program

AM:am  
cc:File

INTERNAL  
MEMORANDUM

September 29, 1998

Ammy - re riggs parcel b test applic.

test date ~~10/21/98~~ <sup>10/15/98</sup> - pls write ~~date~~ <sup>DONE</sup> letter

include "planned discharge not to exceed 400 gpd"

they're on a slight ridge with some chance to avoid  
wet season testing

take a readable plat to the test, they want to discuss  
well-site for main house as well as this auxiliary use

and dont let fyock change the test date since they want to  
go over several issues with you at the site

"they" is two private horseriding instructors for the  
family, who laugh when I describe them as staff,  
since they sem to be more of an extended family

( need to watch the mainhouse building permit, not yet  
submitted, since they are "live-ins" )

\* DO WELL SITE IF POSSIBLE

OTHERWISE ~~INCLUDE~~ <sup>PROVIDE</sup> WRITTEN

NOTICE AS TO WHY HELD...

(CW)

NOT  
DONE  
AT TIME  
OF THE PERC  
TEST



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

October 9, 1998

Richard and Nadine Solomon  
11 Franklin Tree Ct.  
Catonsville, Md.

Subject: Percolation Test Application  
Riggs Meadow Subdivision - Parcel B  
Test application receipt A510694

Dear Mr. and Ms. Solomon,

This is in regard to the above referenced percolation test application which is to establish septic capacity to support the limited wastewater disposal needs of a private horseriding facility to include a single restroom and washing machine; total discharge not expected to exceed 400 gallons per day.

This office had previously suggested that testing in the proposed location be delayed until the spring wet-season. But upon more detailed discussion with your representatives Keg Berlin and Josh Cardine, we ~~did~~ agree that there was reasonable possibility of a successful outcome on the ridge area without waiting for the wet season.

1263CH TO THURS 15<sup>TH</sup> PM CONTRACTOR

Accordingly, a test date has been scheduled for 10:00 a.m. on ~~Wednesday, October 14~~, 1998. Please arrange to have your contractor present to excavate test holes that morning, immediately prior to our scheduled arrival. In the event of inclement or threatening weather, please call to confirm the appointment prior to beginning excavation.

Yours truly,

Craig Williams - Program Supervisor



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

September 28, 1998

Richard and Nadine Solomon  
11 Franklin Tree Ct.  
Catonsville, Md

Dear Mr. and Mrs. Solomon,

This is to follow-up on previous correspondence about your percolation test application for Parcel B of the Riggs Meadow Subdivision. In a letter dated September 22, we had advised that spring wet-season evaluation would likely be necessary for this site.

Taking a second look at the plan with your representative, Mr. Keg Berline, it is now seen that the proposed test area is located on a minor ridge which shows at least reasonable potential for successful evaluation at a non wet season time.

Accordingly, we have scheduled a test date for 10:00 am on Wednesday October 12, 1998. Your contractor should excavate test holes at appropriate locations immediately prior to our time of arrival. At the conclusion of testing we can also consider well site options and other site issues that may be of concern to you.

Please call this office at 410-313-2640 to confirm the appointment.

Yours truly,

Craig Williams

cc: Amy Mcmillen

"JOHN" WILL 566 IF  
WED 14<sup>TH</sup> OK WITH  
CONTRACTOR

a/29/98  
pm  
or  
a/30/98  
a.m.



## HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

September 22, 1998

Richard and Nadine Solomon  
11 Franklin Tree Ct.  
Catonsville, Md

RE  
DATE  
OCT 21 15

Dear Mr. and Mrs. Solomon,

This office is in receipt of your percolation test application for Parcel B of the Riggs Meadow Subdivision.

Prior percolation test history in this subdivision in landscape positions similar to the location you have proposed for testing suggests the need for spring wet-season evaluation since seasonal groundwater level is potentially a limiting factor on this site.

As discussed yesterday with Mr. Keg Berline on your behalf, a preview conference is suggested to determine how best to proceed. We tentatively scheduled the conference for 9:00 am Tuesday September 29 in this office with Ms. Amy Mcmillen, the sanitarian who is most familiar with the test history of this property.

Please call this office at 410-313-2640 to confirm the appointment.

Yours truly,

Craig Williams

cc: Clark Sperry - Security Development  
Amy Mcmillen

Thank you