



# APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 525182

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

DATE 7/26/06

04-315855

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) Regis Dvorsky

DAYTIME PHONE N/A CELL N/A FAX N/A

MAILING ADDRESS 3325 Jennings Chapel Road Woodbine Maryland 21797-7511  
STREET CITY/TOWN STATE ZIP

APPLICANT FSH Associates

DAYTIME PHONE (410) 567-5200 CELL N/A FAX (410) 796-1962

MAILING ADDRESS 6339 Howard Lane Elkridge Maryland 21075  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME 3325 Jennings Chapel Road LOT NO. P. 135

PROPERTY ADDRESS Same as Owners  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 13 GRID 23 PARCEL(S) 135 PROPOSED LOT SIZE 8AC. ±

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.

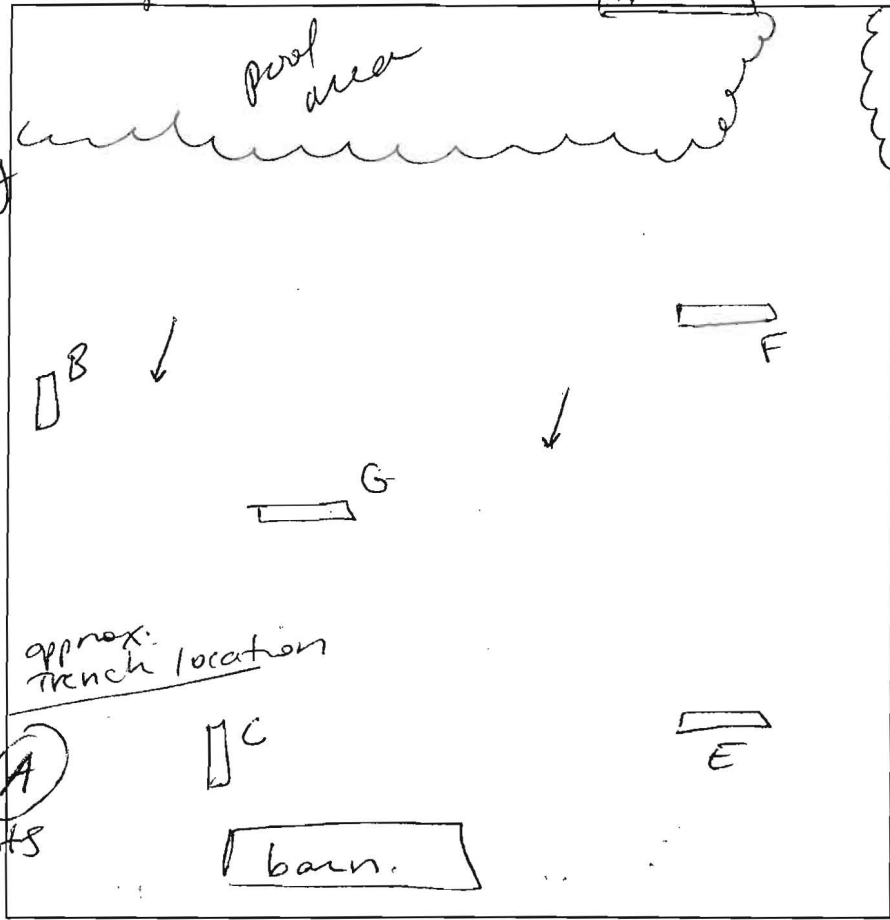
TEST RESULTS WILL BE MAILED TO APPLICANT.

Heather Koper  
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

Jennings Chapel Rd.

House



AP

**F**

1' brown L  
root S  
pale red  
fine s&l  
roots 3'

100% granitic  
cobble

1' pale red  
fine s&l  
sg  
Saprolite

**E**

2' brown L  
OM  
red brown  
fine s&l  
pi  
brown  
fine s&l  
sg  
Saprolite

15-20% channery

roots

3'

**C**

2' brown L  
OM  
brown  
fine s&l  
weak sbk

15% channery

2' pale red  
fine s&l  
sbk

3' pale red  
s&l  
Saprolite

6' pale red  
Saprolite

7.5' pale red  
s&l sg

25% stone

**G**

1' dark brown  
L  
red yellow  
fine s&l/s&l  
pi 15%  
channery

3' pale red yellow  
fine s&l  
sg  
Saprolite

15% stone  
weathered rock

**B**

2' brown OM  
L  
brown  
fine s&l  
light brown  
granitic s&l

3.5' pale red yellow  
L  
Saprolite

10.5' s&l channery  
15-20% stone  
weathered rock

roots

2'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
8/22/06	F	4'5" / 11'	9:25 <sup>73</sup>	9:28 <sup>33</sup>	9:33 <sup>78</sup>	5	P
	E	4' / 12'	9:39	9:41 <sup>39</sup>	9:45	4	P
	C	4' / 11'	9:53 <sup>54</sup>	9:56 <sup>20</sup>	10:01 <sup>14</sup>	5	P
	G	4'5" / 12'5"	10:21 <sup>20</sup>	10:24 <sup>03</sup>	10:30 <sup>34</sup>	6	P
	B	4'5" / 14'	10:35 <sup>24</sup>	10:42 <sup>09</sup>	10:52 <sup>7</sup>	10	P

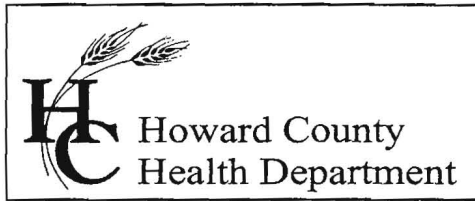
REMARKS holes dug per plan A# not dug

SANITARIAN SF/LB/AT BACKHOE K+K OTHERS Doors key

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 6 SQ. FT/BR 180

TRENCH WIDTH 3 INLET DEPTH 3 MAX. BOT DEPTH 6 EFFECTIVE SW Soil 4'

~~4 bedrooms house + garage~~  
 12/12/06. 3 bedrooms + garage (if adding a full bathroom) = 4



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](http://www.hchealth.org)

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

August 28, 2006

Regis Dvorsky  
3325 Jennings Chapel Rd  
Woodbine, Maryland 21797

RE: PERCOLATION TEST RESULTS -525182  
3325 Jennings Chapel Rd

Dear Mr. Dvorsky:

Percolation testing conducted August 22, 2006 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) Actual locations and elevations of all excavated test holes
- 2) Locations of existing structures, wells, and septic areas including tanks and trenches
- 3) Locations of any other relevant features such as >25% slopes, streams, swales, and utility easements
- 4) Topography needs to be on 2' contour intervals
- 5) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) A note indicating that depicted topography reflects field-matched information
- 8) A health officer signature block stating "approved for private water and private sewer systems"
- 9) A MDE sewage disposal area statement is required
- 10) MDE minimum lot width statement
- 11) Include A# in the title block

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,

Sara Fegel  
Well and Septic Program  
Development Coordination Section

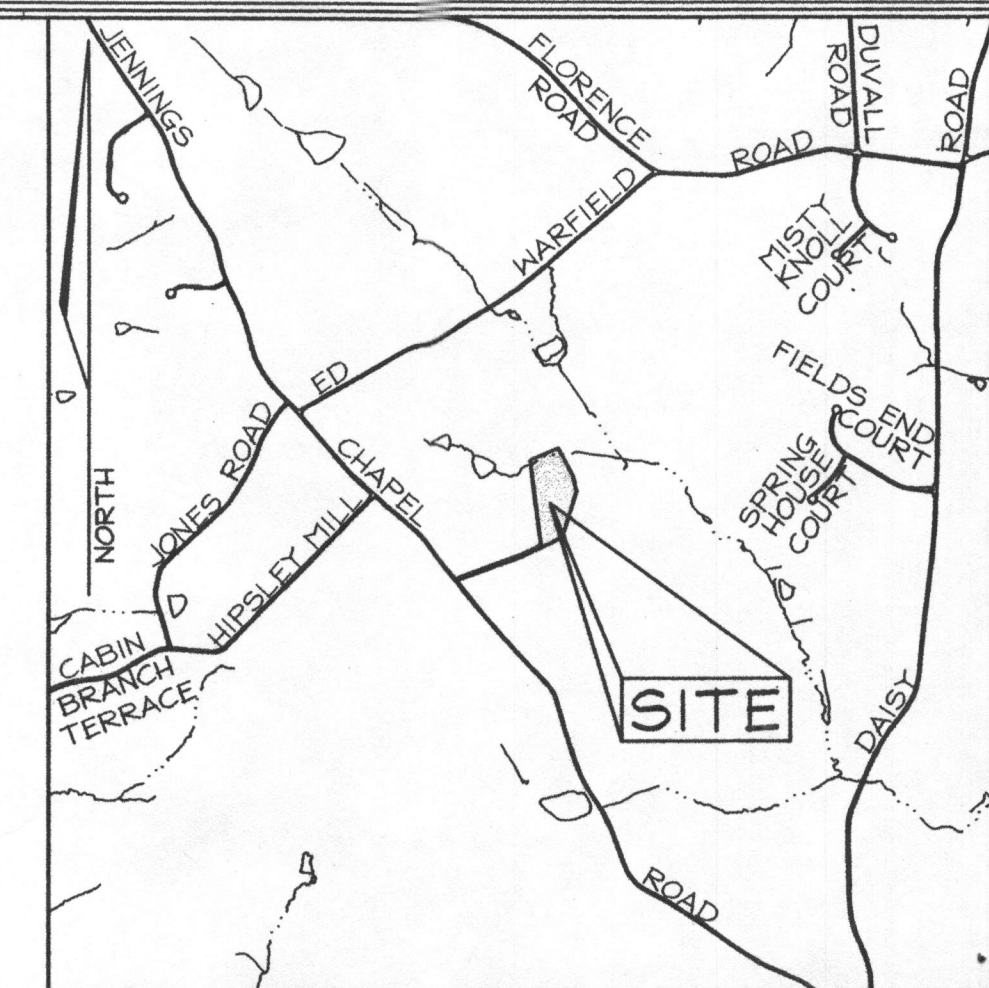
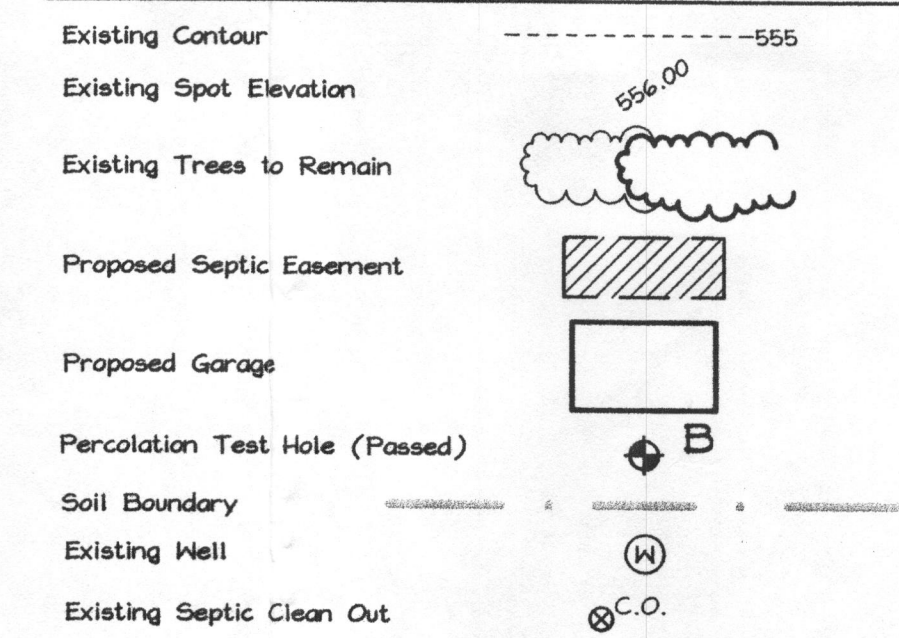
Enclosures

Cc: FSH Associates  
File



SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
Cc	Codorus silt loam	C
EKB2	Elk oak silt loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenelg loam, 8 to 15 percent slopes, moderately eroded	B
GID2	Glenelg loam, 15 to 25 percent slopes, moderately eroded	B
GID3	Glenelg loam, 15 to 25 percent slopes, severely eroded	B

**LEGEND**



VICINITY MAP  
SCALE: 1"=2000'

**GENERAL NOTES**

- Subject property zoned RC-DEO per 02/02/04 Comprehensive Zoning Plan.
- Total area of property = 8.000 ac.±
- Private water and Private sewer will be used within this site.
- Existing well to be utilized.
- ██████████ This area designates a private sewage easement, of at least 10,000 SF as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements of any nature in this area are restricted until public sewerage is available. These easements shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
- No wells or septic fields exist within 500' of property's boundary.
- Existing topography based on Howard County Aerial Topography flown in 1978 with five foot contours and Field Run elevations at each Percolation Test Hole by FSH Associates. 2' interval contours shown on and around septic field are interpolated from five foot interval flown topography as requested by Howard County Health Department.
- Soils Map #12.
- Deed History:  
May, 2006-present: Regis Dvorsky  
March, 1977-May, 2006: Ronald Smith and Patricia Smith, his wife  
June, 1969-March, 1977: Warren E. Gilbertson and Elaine Marie Gilbertson, his wife  
June, 1966-June, 1969: Edwin Harfield III
- The lots shown herein comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.
- References: Parcel 135, Liber 10020, Folio 511
- All existing structures and site improvements to remain.

PERC. CHART	
Number	Elevation
B	569.71
C	564.40
E	562.85
F	570.39
G	569.44

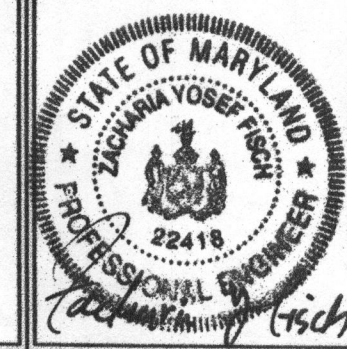
"I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF."

STATE OF MARYLAND  
REGISTRY OF PROFESSIONALS  
ZACHARIA YOSEF FISCH, P.E. #22418  
10/11/06  
DATE

**PERCOLATION CERTIFICATION PLAN**  
**DVORSKY PROPERTY**  
3325 JENNINGS CHAPEL ROAD  
A# 525182  
TAX MAP 13 GRID 23 PARCEL 135  
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DESIGN BY: ZYF  
DRAWN BY: HK  
CHECKED BY: ZYF  
SCALE: As Shown  
DATE: October 11, 2006  
W.O. No.: 3494  
SHEET No.: 1 OF 1

**OWNER/DEVELOPER**  
REGIS DVORSKY  
3325 Jennings Chapel Road  
Woodbine, Maryland 21747-7511  
Tel.: N/A



**FSH Associates**  
Engineers Planners Surveyors  
6338 Howard Lane Elkridge, MD 21075  
Tel: 410-567-5200 Fax: 410-796-1562  
E-mail: info@fisher.com



PLAN VIEW  
SCALE: 1"=100'

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY  
Robert D. Walsh  
COUNTY HEALTH OFFICER  
HOWARD COUNTY HEALTH DEPARTMENT  
10/26/06  
DATE