

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ AP 525157

AGENCY REVIEW: \_\_\_\_\_ DATE 7/11/06

04-357304

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) Mr + Mrs CARTA

DAYTIME PHONE 410 531 4953 CELL 410 804 8115 FAX 443 535 0005

MAILING ADDRESS 6396 Grateful Heart Gate Columbia MD 21094  
STREET CITY/TOWN STATE ZIP

APPLICANT Mrs Katharine Carta

DAYTIME PHONE 410 531 4953 CELL 410 340 1197 FAX 443 535 0005

MAILING ADDRESS 3737 Sharp Rd Glenwood MD 21738  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION Sharp farms MD 21738  
SUBDIVISION/PROPERTY NAME 3737 Sharp Rd Glenwood LOT NO. 10

PROPERTY ADDRESS 3737 Sharp Rd Glenwood MD  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ PROPOSED LOT SIZE 3.7 acres

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.

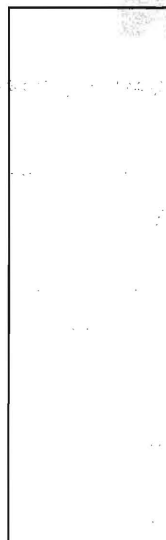
K. A. Carta  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
1718 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 \_\_\_\_\_

open field

3



drainage area

3

high hole



well



dig well

private drive

brown L  
stk  
1' red  
d(i) mottles  
platy  
heavy L  
top gravelly  
cobbles

4 1/2' red cw  
sl gravels

6' brown  
fine sl moist  
cw ss  
P(2)/6(2) mottles

8 1/2' olive  
P(3)  
brown  
matrix

11'

2

brown L

brown  
silt/heavy  
silt  
stk  
10-15%  
gravels  
cobbles

4' d(i) mottles

5' brown  
heavily  
mottling  
redox  
coarse

6' brown

ls sg

8' olive  
matrix  
ls sg

15-20%  
gravels  
decomposing  
rock

10' ls sg  
diver brown  
micaceous

10'5" water repair

H<sub>2</sub>O 1/2' deep

low area

Sharp Rd

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/26/06	2	10'5"		mettling			F
	3	11'		mettling			F
	4	8'		mettling			F

4

brown  
stk

red  
silt stk  
micaceous

12' red transition  
heavy silt  
stk

4' red  
sl mottles  
(d)(2)

5' olive ls  
mottles (pz)  
weathered -  
spindle

8'

REMARKS

wet season testing needed

SANITARIAN

SF/RB/AT

BACKHOE

Ken Carter

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

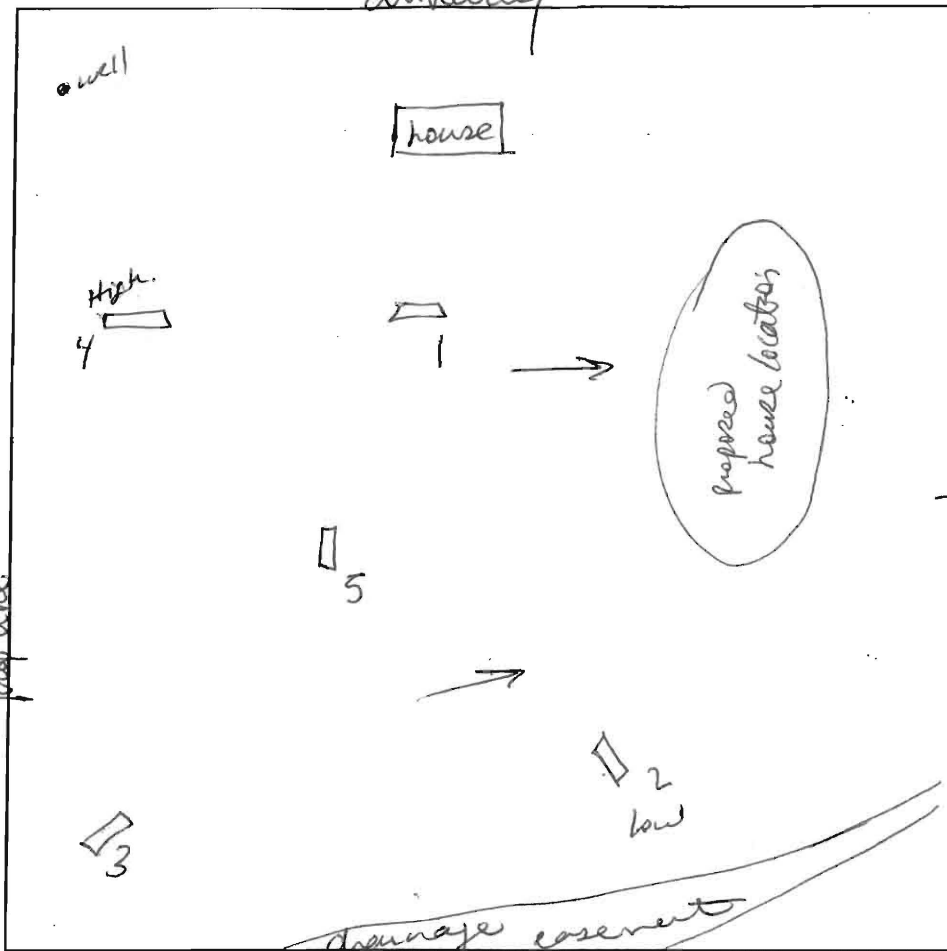
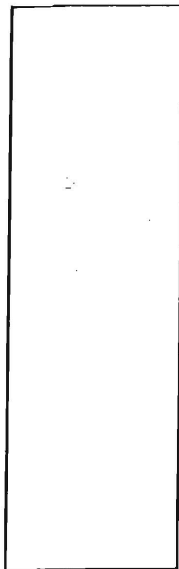
MAX. BOT DEPTH

EFFECTIVE S/W

AP 525/57

driveway

3



1' brown & sbk  
1' red brown dense sil sbk  
2'3' brown heavy sil gr micaceous  
3'5' brown medium sil gr micaceous  
5' d(2) matter  
5'5' 10-20% cobbles  
12' No H<sub>2</sub>O

5" dark gray & sbk gravelly  
red brown dense sil sbk 15% gravel  
3'5' red brown heavy sil  
4' brown sil gr micaceous spherule

13'6" 1  
dark gray & sbk  
1' red brown dense sil sbk micaceous  
2'5" black sil micaceous  
3' brown medium sil gr micaceous  
12' 15 gr

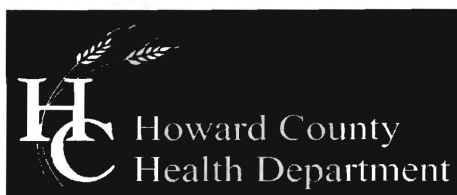
4  
dark gray & sbk  
red brown fine sil sbk micaceous 5% gravelly  
24' brown fine sil micaceous  
6' brown/gray sil/medium gr spherule  
13'5" 2 sil gr.

2  
dark gray & sbk  
1' red brown sil sbk 25% gravel/cobbles  
3'5' heavy sil  
4' strong brown sil medium gr 25% gravel/cobbles  
7' brown medium sil gr  
9'5' seepage spherule  
11' 10' level gravel  
12'5"

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
3/27/07	4	4' / 13'5"	9:51	9:59	10:19	20	P
	2	5' / 12'5"	10:29	10:34	10:40	6	P
	3	4'5" / 12'	10:48	10:54	11:04	10	P
	5	13'6"		visual			P
	1	4' / 12'	11:32	11:34	11:41	7	P

REMARKS #2 bottom @ 5'  
SANITARIAN SF BACKHOE Ken Carter OTHERS K. Carter  
TEST HOLES USED IN SDA AVG. PERC TIME SQ. FT/BR  
TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW

5 bedroom.



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046-2147  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

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

April 3, 2007

Steven and Katherine Carta  
3737 Sharp Rd  
Glenwood, MD 21738

RE: PERCOLATION TEST RESULTS -525157  
3737 Sharp Rd

Dear Mr. and Mrs. Carta:

Percolation testing conducted March 27, 2007 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed. An approved percolation certification plan and an approved site plan are required prior to building permit, B00160119, approval.

Further review is contingent upon submission of a percolation certification plan showing the following:

- 1) Actual surveyed locations and elevations of all excavated test holes
- 2) Proposed house site (55' x 70') or footprint, including building restriction lines as determined by other County agencies, and driveway location
- 3) Replacement well areas, either a well box or two additional well locations
- 4) Existing property lines
- 5) Originally approved SDA and modified SDA
- 6) 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 stating all existing and proposed wells, septic systems and sewage disposal systems located within 200 feet down gradient of existing or proposed septic systems and sewage disposal easements.
- 8) A note stating the engineer used all reasonable efforts to find the location of all surrounding wells and septic systems
- 9) Topography needs to be shown at 2 foot contour intervals and a note certifying topography was field run and verified and reflects field-matched information
- 10) A MDE sewage disposal area statement is required
- 11) MDE minimum lot width statement
- 12) Include the statement, "Any changes to a private sewage easement shall require a revised perc certification plan"
- 13) Identification of streams, ponds, wetlands, floodplains, slopes >25%, drainage easements, soil types and soil type boundaries
- 14) Legend symbols to distinguish between new holes, any existing holes previously documented (by the HCHD), passed holes, failed holes, and any holes held for future review
- 15) Existing structures, wells, septic easements and other septic system components such as tanks, dry wells and distribution boxes. Description of use and intent designated for each item, e.g. 'to remain' or 'remove.'
- 16) A health officer signature block stating "approved for private water and private sewer systems."
- 18) Certification that Groundwater Appropriations Permit will be issued (if applicable)
- 19) Professional seal or signed statement that "I certify that the information shown heron is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief."
- 20) Identification of the property, road, street address if applicable, tax map page, parcel number, subdivision name (if appropriate); add purpose statement as appropriate, e.g.

subdivision, SDA adjustment, percolation certification plan etc

21) Name, address and telephone number of each owner, developer and the plan author.

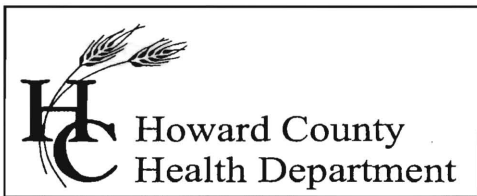
22) The date the plan was drawn, the plan scale (1:30 - 1:100), a scaled vicinity map and, the A # (percolation test fee receipt number, referenced in the HCHD correspondence)

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-4261.

Sincerely,

Sara Fegel  
Well and Septic Program  
Development Coordination Section

Cc:  
Mike Pfar  
File



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)

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

July 31, 2006

Steven and Katherine Carta  
6396 Grateful Heart Gate  
Columbia, MD 21044

RE: PERCOLATION TEST RESULTS -525157  
3737 Sharp Rd

Dear Mr. and Mrs. Carta:

Percolation testing conducted July 26, 2006 on the referenced property indicated wet season soil conditions. Copies of the test results are enclosed. Wet season soil conditions are often characterized by mottling, which indicates the presence of water in the soil. During testing mottles were found throughout the soil profile in each test hole. This finding emphasized the need to conduct percolation testing during the wet season between February and April. Until wet season testing has been completed and results indicate sufficient soils for a sewage disposal area, the building permit B00160119 is on hold.

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

Cc: File

6396 Grateful Heart Gate  
Columbia  
Maryland  
21044  
6/20/2006

RE: 3737 Sharp road

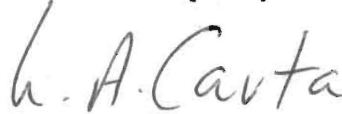
Howard County Health Department,

Although I received permission to keep an existing building on my property located at 3737 Sharp Road I have been informed that this Planning and Zoning decision is not compatible with the needs of the Health Department. I am therefore now applying to have a demolition permit for this existing structure. I will be living in this home until my new house is built, so this permit needs to take this issue into account.

May I politely suggest that you inform the staff at planning and zoning of this incongruity, as it is very confusing to be told different things from each department, not to mention time consuming for your staff and customers.

One question that I have regards the time frame of this demolition. I know that you usually require the demolition to be complete within 30 days of the issue of the use and occupancy for the new dwelling, however we are trying to do as much of the work of building this house as a family, and we feel that we may need additional time to complete this job, especially if the weather is bad as it may be when the new house is completed. Of course we would make it uninhabitable as soon as we move out by removing the plumbing, but it would be helpful to have additional time to completely remove it. Please let me know if this is possible.

Yours sincerely,  
Katharine Carta



P.S. I would like to take this opportunity to let you know that I have received excellent service from a member of staff in your department called Sara Fegel. She has at all times dealt with me in a courteous, professional manner and is a true asset to your department.



HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
3430 Courthouse Drive + Ellicott City, Maryland 21043 + 410-313-2350

Marsha S. McLaughlin, Director

[www.co.ho.md.us](http://www.co.ho.md.us)  
FAX 410-313-3467  
TDD 410-313-2323

May 19, 2006

Ms. Katharine Carta  
6396 Grateful Heart Gate  
Columbia, MD 21044

RE: 3737 Sharp Road

Dear Ms. Carta:

This letter is in response to your letter received April 25, 2006. The Howard County Zoning Regulations permit only one single-family detached dwelling unit use per lot. However, this letter temporarily authorizes the construction of a new dwelling on the property located at 3737 Sharp Road prior to removing or converting the existing dwelling ("Original Dwelling Unit") to an accessory structure on the condition that you comply with all provisions declared herein. This temporary authorization is only valid for six months from the date of this letter or until the issuance of the final use and occupancy permit for the new dwelling, whichever occurs first. If an extension is necessary due to delays, you must contact this Department in writing prior to the six month deadline in order to request an extension of this authorization.

Upon the issuance of either a temporary or final use and occupancy permit for the new dwelling, the Original Dwelling Unit must be removed from the property within 30 days or if being converted to an accessory structure the conversion must be within 30 days. If converted the complete removal of the kitchen and bathroom plumbing must be removed and capped off behind the walls. Failure to convert the Original Dwelling Unit as required is hereby declared to be a violation of the Zoning Regulations which will induce an enforcement action as delineated in Section 105.B.3 of the Howard County Zoning Regulations. Such an enforcement action may include, but is not limited to, Civil Fines.

The Department of Planning and Zoning will provide its endorsement on a building permit application for the construction of the new dwelling on the subject property only upon the receipt of a copy of this letter signed by all owners of the property. This signed copy must be submitted with your building permit application for the construction of the new dwelling unit. This authorization does not relieve any of the standard requirements for the building permit approval. Please notify this Division when you have received temporary or final use and occupancy permits for the new dwelling, and also when the Original Dwelling Unit has been removed or converted. This authorization is not transferable. If you have questions regarding this matter, please contact George Beisser at 41313-2350.

Sincerely,

George L. Beisser, Chief  
Division of Public Service and  
Zoning Administration

By signing below, I hereby affirm that I have read, understand, and will comply with the authorization granted above:

K. A. Carta 6.8.06  
Signature Date

Katharine A. Carta  
Print Name

Steven M. Carta  
Signature Date

Steven M Carta  
Print Name