



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P 526688

AGENCY REVIEW: _____ DATE 5/8/07

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 } *required*
- REPLACE AN EXISTING SEPTIC SYSTEM } *test, for garage addition*

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 5 ^{*Existing*} ~~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) Norton Parker Kressen, Carol Jean Kressen

DAYTIME PHONE 443-535-0671 CELL 410-428-7421 FAX 443-535-0671

MAILING ADDRESS 3218 Evergreen Way Ellicott City MD 21042
STREET CITY/TOWN STATE ZIP

APPLICANT Norton Kressen

DAYTIME PHONE 443-535-0671 CELL 410-428-7421 FAX _____

MAILING ADDRESS 3218 Evergreen Way Ellicott City MD 21042
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Evergreen ~~Katons~~ Valley - Section Six LOT NO. 20

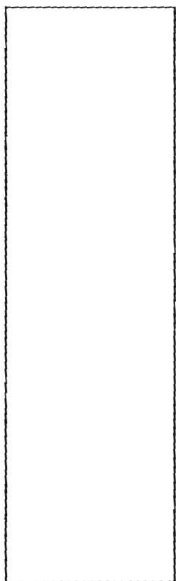
PROPERTY ADDRESS 3218 Evergreen Way Ellicott City MD 21042
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) Plat Book 18, Page 67, Lot 20
GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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. Norton Parker Kressen 5/8/07
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

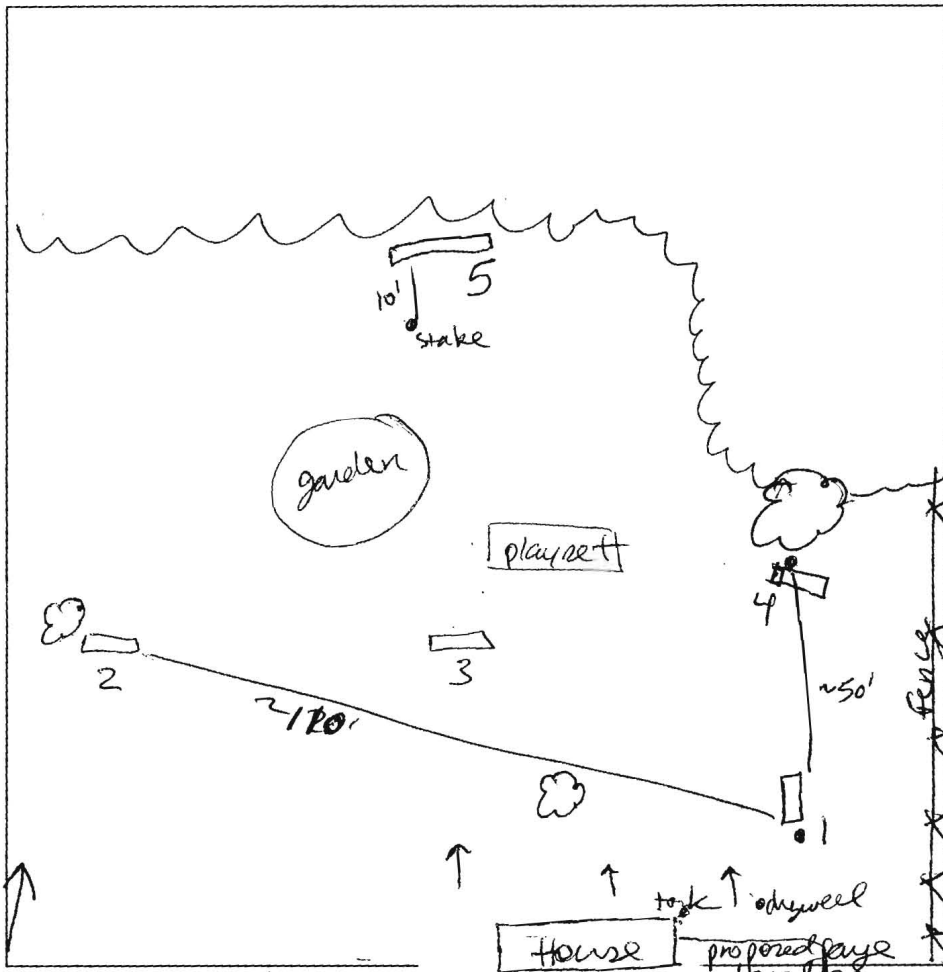


①

1.5' brown & lfsbk
 dark brown &
 2' red sil sbk micaceous s & cobbles
 6' 30% cobbles
 8' brown/pale brown medium se gr spherulite
 10' pale brown medium se/lsg gr spherulite
 14.2'

④

5" dark brown & lfsbk gravelly
 red brown/pale brown
 marbling of red brown sil and medium se spherulite micaceous
 1' pale brown medium se gr.
 210% cobbles



Evgeny way

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
5/30/07	1	6' / 14' 2"	9:24				
	1	8'	9:43	9:44	9:46	2	P
	2	4' 5" / 14'	10:10	10:13	10:17	4	P
	3	14'		visual			P
	4	4' 5" / 15'	9:36	9:40	9:44	4	P
	5	6' / 15'	9:58	10:00	10:28	22	P

REMARKS

SANITARIAN SF BACKHOE JM Contracting OTHERS P. Kressen
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 8 SQ. FT/BR _____
 TRENCH WIDTH 2 INLET DEPTH 3 MAX. BOT DEPTH 8 EFFECTIVE SW _____

6' EA 8' bottom 5 bedrooms Area 0.8

⑤
 brown & roots lfsbk
 brown fine sil sbk
 ? brown fine/medium se gr. micaceous
 6' brown/pale brown stratified colors w/ white micaceous spherulite
 14' the respge
 15' bottom
 ②
 brown & moderate sbk
 brown red sil sbk 20% cobbles gravel
 2.5' strong brown heavy se gr medium
 3.2' pale brown fine se gr micaceous spherulite
 11' the respge
 13.5' the level
 ③
 brown &
 brown medium sil sbk
 2.6' brown heavy se gr micaceous
 7' brown medium se gr spherulite
 9.5' pale brown medium se/lsg gr
 marbling of red brown sil and medium se spherulite micaceous
 6 st. 15' brown dark sil

Percolation Certification Plan - 3218 Evergreen Way, Ellicott City, MD 21042

Plan preparer: Norton Parker Kressen, owner
 443-535-0671, contact #
 Address: 3218 Evergreen Way
 Ellicott City, MD 21042

~~Proposed garage addition~~
~~Structure to be demolished~~
~~Structure to be demolished~~
~~Structure to be demolished~~

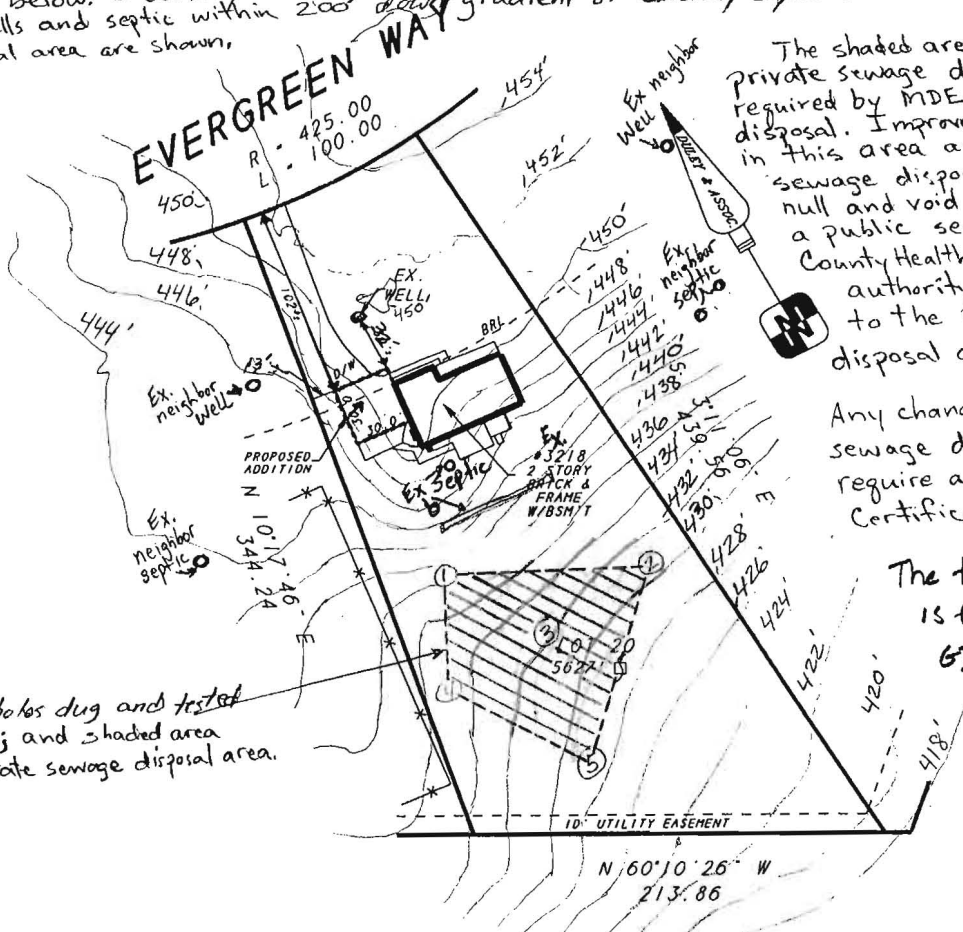
Purpose: Proposed garage addition (as noted below)

Date: 6/10/2007

Application # A 526688, Submitted 5/8/2007 (Perc Test fee receipt)

Results of PERC Test (5/30/07) - All 5 holes ①-⑤ passed - noted below.

All reasonable efforts have been made to find location of surrounding wells and septic, and are noted below. I certify wells and septic within 100' of property boundaries are shown, and that all wells and septic within 200' down gradient of existing septic and noted private sewage disposal area are shown.



The shaded area designates a private sewage disposal area as required by MDE for individual sewage disposal. Improvements of any nature in this area are restricted. The sewage disposal area shall become null and void upon connection to a public sewage system. The County Health Officer shall have authority to grant adjustments to the private sewage disposal area.

Any changes to the private sewage disposal area shall require a revised PERC Certification Plan.

The topography shown is from Howard County GIS.

5 test holes dug and tested (passed); and shaded area for private sewage disposal area.

I certify that the information shown hereon is based on fieldwork performed by me and is correct to the best of my knowledge and belief. Topography provided by Howard County.

Norton Parker Kressen
 Norton Parker Kressen

Bryan for Peter Belesen
 Howard County Health Officer
 "Approved for private water and private sewerage systems."
 6/27/07
SE 1700

NOTE:
 * ENCROACHMENTS MAY EXIST *
 A BOUNDARY SURVEY IS RECOMMENDED TO DETERMINE THE EXACT LOCATION OF IMPROVEMENTS. PLEASE SIGN:

FOR SURVEY ORDER/APPROVAL FORMS, PRICES & MORE VISIT US AT WWW.DULEY.BIZ

LOCATION DRAWING OF:
 #3218 EVERGREEN WAY
 LOT 20
 SECTION SIX
 EVERGREEN VALLEY
 PLAT BOOK 18 PAGE 67
 HOWARD COUNTY, MD
 SCALE: 1"=100' DATE: 7-1-04

A LAND SURVEYING COMPANY

DULEY AND ASSOCIATES, INC.
 SERVING D.C. & M.D.

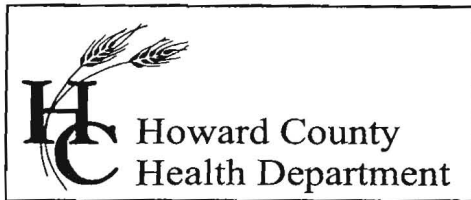
14604 ELM STREET
 UPPER MARLBORO, MD. 20772

PHONE : 301-888-1111 FAX : 301-888-1114
 PHONE : 1-888-88-DULEY FAX : 1-888-55-DULEY



CASE # 04-10-0148R
 FADLEY
 FILE # 044483-018
 DRAWN BY: B.G.

SURVEYOR'S CERTIFICATE
 I HEREBY STATE THAT THE EXISTING VISIBLE IMPROVEMENTS ON THE ABOVE DESCRIBED PROPERTY HAS BEEN CAREFULLY ESTABLISHED BY ACCEPTED METHODS AND THAT THE IMPROVEMENTS APPEAR TO LIE WITHIN FLOOD ZONE C. A FLOOD CERTIFICATION IS RECOMMENDED TO DETERMINE THE EXACT FLOOD ELEVATION AND FLOOD ZONE. THIS SURVEY IS NOT TO BE USED OR RELIED UPON FOR THE ESTABLISHMENT OF ANY FENCE, BUILDING, OR OTHER IMPROVEMENTS. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES. BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING THE LEVEL OF ACCURACY FOR THIS DRAWING IS 1'. NO TITLE REPORT WAS FURNISHED TO NOR DONE BY THIS COMPANY. SAID PROPERTY SUBJECT TO ALL NOTES, RESTRICTIONS AND EASEMENTS OF RECORD. BUILDING RESTRICTION LINES AND EASEMENTS MAY NOT BE SHOWN ON THIS SURVEY. IMPROVEMENTS WHICH IN THE SURVEYORS OPINION APPEAR TO BE IN A STATE OF DISREPAIR OR MAY BE CONSIDERED "TEMPORARY" MAY NOT BE SHOWN.



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

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

June 7, 2007

Norton and Carol Kressen
3218 Evergreen Way
Ellicott City, Maryland 21042

RE: PERCOLATION TEST RESULTS – A#526688
3218 Evergreen Way

Dear Mr. and Mrs. Kressen:

Percolation testing conducted May 30, 2007 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

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

- 1) Locations of all excavated test holes
- 2) House site and driveway location
- 3) Proposed garage location
- 4) Existing property lines
- 5) Location of existing well
- 6) Proposed SDA location
- 7) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 8) 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.
- 9) A note stating all reasonable efforts to find the location of all surrounding wells and septic systems
- 10) Topography needs to be shown at 2 foot contour intervals
- 11) A MDE sewage disposal area statement is required
- 12) Include the year the lot was created
- 13) Include the statement, "Any changes to a private sewage easement shall require a revised perc certification plan"
- 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."
- 17) 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."
- 18) 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
- 19) Name, address and telephone number of each owner, developer and the plan author.

20) 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, R.S.
Well and Septic Program
Development Coordination Section

Enclosures

Howard County - PERC Test/Certification Plan Application
3218 Evergreen Way, Ellicott City, MD 21042
Reference: Howard County Code Sec 3.805 PERC Certification plan requirements

Date: May 8, 2007

Subject Property: 3218 Evergreen Way, Ellicott City. Evergreen Valley Section Six. Plat Book 18, Page 67, Lot 20

Purpose for Application: Existing residential property, proposing a garage addition which requires PERC test for possible future septic repair area per County requirements:

“MDE swage disposal area statement for lots created before March 1972: This area designates a private sewage disposal area as required by the Maryland Department of Environment for individual sewage disposal. Improvements of any nature in this area are restricted. The sewage disposal area shall become null and void upon connection to a public sewerage system. The County Health Officer shall have authority to grant adjustments to the private sewage disposal area.”

Plan Prepared By Owner, Norton Parker Kressen, Carol Jean Kressen. Same address as above. Phone 443-535-0671.

Proposed Plan – See attached location drawing, drafted May 8, 2007.

Drawing is scaled to 1" = 100'. Actual test hole locations to be discussed with county health personnel and added to the attached location drawing, so as to minimize area required for the test area. The area defined on the attached proposed test area is approx. 8,800 sq.ft. Subject property was developed before March 1972, therefore there is not a specific 10,000 sq.ft. requirement – just that reasonable area be identified for 2 possible repairs, in addition to the already noted existing system. I ask that the County Health Officer apply appropriate reasonableness to identify the minimal area needed for 2 repairs. Please note that another recent PERC test for future septic repair area was done by county in summer, 2006 for 3114 Evergreen Way, and required only 2 test holes relatively close together – significantly less than 10,000 sq. ft. of area. I request that a similar approach be considered for this subject property.

For property lines, existing structures (house site), location of subject property's existing well and septic, and adjacent properties' existing well and septic, please see attached location drawing.

Proposed well sites (3) and any well drilling permits: Health office contact indicates this is not required with this application, given there is existing well.

Elevation surveys and topography: Health office contact indicates this is not required with this application. In the area for test, the property is a gradual downhill grade from North-to-South (elevation lowers towards the back of the lot).

Any changes to a private sewage easement shall require a revised perc certification plan.

I certify that the information shown heron and attached is based on field work performed by me and is correct, to the best of my knowledge and belief.

Owner Signature

Howard County Health Officer Signature, for this Application/PERC Test:

Approved, for private water and private sewerage systems