

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ @UP 531038

AGENCY REVIEW: _____ DATE 6/15/09

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 5006 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) HERBERT & SHERAN WILKINS

DAYTIME PHONE 410-751-0609 CELL _____ FAX _____

MAILING ADDRESS 11031 GAITHER FARM RD ELLICOTT CITY MD 21032
STREET CITY/TOWN STATE ZIP

Contact
APPLICANT Michael Miller

DAYTIME PHONE (410) 489-5068 CELL (410) 961-9002 FAX (410) 489-5068

MAILING ADDRESS 3655 Sycamore Valley Run Stemmed MD 21738
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME GAITHER FARM LOT NO. 26

PROPERTY ADDRESS 11031 GAITHER FARM RD ELLICOTT CITY
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 29 GRID 10 PARCEL(S) 1 PROPOSED LOT SIZE 10.51

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.

[Signature]
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



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PROPERTY OWNER(S) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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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



Bureau of Environmental Health
7178 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 26, 2009

Herbert Wilkins
11031 Gaither Farm Rd
Ellicott City, MD 21042

RE: Percolation Test Results – A531038
11031 Gaither Farm Road

Dear Mr. Wilkins:

Percolation testing conducted June 24th, 2009 on the above referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review of the property is contingent upon submission of a percolation certification plan required under *Sec 3.805 of the Howard County Code*. Enclosed are the requirements of a percolation certification plan along with common setback requirements.


During the percolation testing, our findings concluded a Gladstone soil series in the upper-part of the property above the existing septic area and a Manor loam soil series in the lower part of the existing septic area which the tests were performed in. The rates were fairly consistent with an average percolation rate of 5 minutes per inch. These perc areas will delineate two areas of future septic repair area. These areas will be shown accordingly on the approved revised percolation certification plan. Your application rate was determined to be 1.2 gpd/sq. ft. These results are used to determine your future system repair area.

Our findings for your current system were also located in the field. We concluded that the system was put in the same as the as-built drawing back in 1993. You have a mid-seam, one compartment concrete septic tank with a riser on the outlet. The distribution box was located in the field along with the ends of your trenches that now have pvc observation ports installed in them which all will be shown on the revised percolation certification plan. As we exposed the ends of the trenches, I noticed clean stone and no signs of saturation. Your system is approved as a fully functioning system.

In closing, the findings here today will be intuitive of a percolation certification plan that will support your proposed additions.

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

Sincerely,



Kevin Wolf, Sanitarian
Well & Septic Program



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(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 21, 2009

Herbert Wilkins
11031 Gaither Farm Rd
Ellicott City, MD 21042

RE: B09000661
11031 Gaither Farm Rd., Lot 26
107'x64' addition

Dear Sir or Madam,

Building permit application B09000661 for the above referenced property has been reviewed by our office and has been placed on hold. Our records show an **inaccurate** proposed sewage disposal area for your property and an **incomplete** percolation certification plan from 2003.

The review of this building permit for a 107'x 64' addition will require the submittal of detailed floor/design plans. Depending on what you are proposing to build in the addition may or may not lead to further percolation testing.

In addition, our current records show some easements for your existing septic along with various scattered test holes on your lot. The Percolation Certification Plan that was developed in 2003 is inaccurate and incomplete and general comments are listed as follows but are not limited to:

- House location and drive are not accurately shown. These will need to be surveyed locations.
- The existing septic area shown is encroaching on the existing dwelling. The current setback is 20'.
- Depending on the exact house location and any and all proposed additions, the current septic area may need some adjustment to meet current setbacks.
- The existing septic area has been platted wrong. The design was changed and approved on a plat signed 1-8-1987. The revised Percolation Plan needs to show this.
- The Percolation Certification Plan that we have on file needs to be revised and signed by the Health Officer prior to issuance of BP09000661. All pertinent information leading up to the approval of this building permit is required by Howard county code.

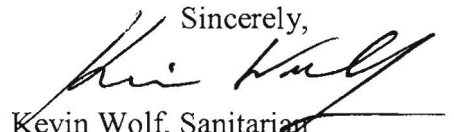
Howard County Code Subtitle 8, Section 3.805., requires a Percolation Certification Plan for an increase in living space over 250ft² and the establishment of a sewage disposal area. Please review this for further explanation. Also, refer to our website under Well and Septic www.hchealth.org

Moreover, percolation testing may need to be performed to demonstrate adequate area is available for future on-site sewage disposal. A sewage disposal area is the area set aside on the property for the purpose of on-site sewage disposal systems and repairs. A test application, a plan indicating the septic reserve area and a fee of \$506.00 **would** need to be submitted to the Health Department prior to testing. The homeowner will responsible for having a backhoe capable of excavating a minimum of 14' deep and an operator on-site at the time of the testing. Once testing has been completed, an updated Percolation Certification Plan must be submitted illustrating the sewage disposal area. You are strongly encouraged to pursue an engineer to help develop this plan and move this process along.

Lastly, at the time of the percolation testing, your existing system will need to be delineated in order to show that it is still able to be used for an initial subsurface disposal system.

If you have any questions regarding this matter, please contact me at the above address or by calling 410-313-2645.

Sincerely,

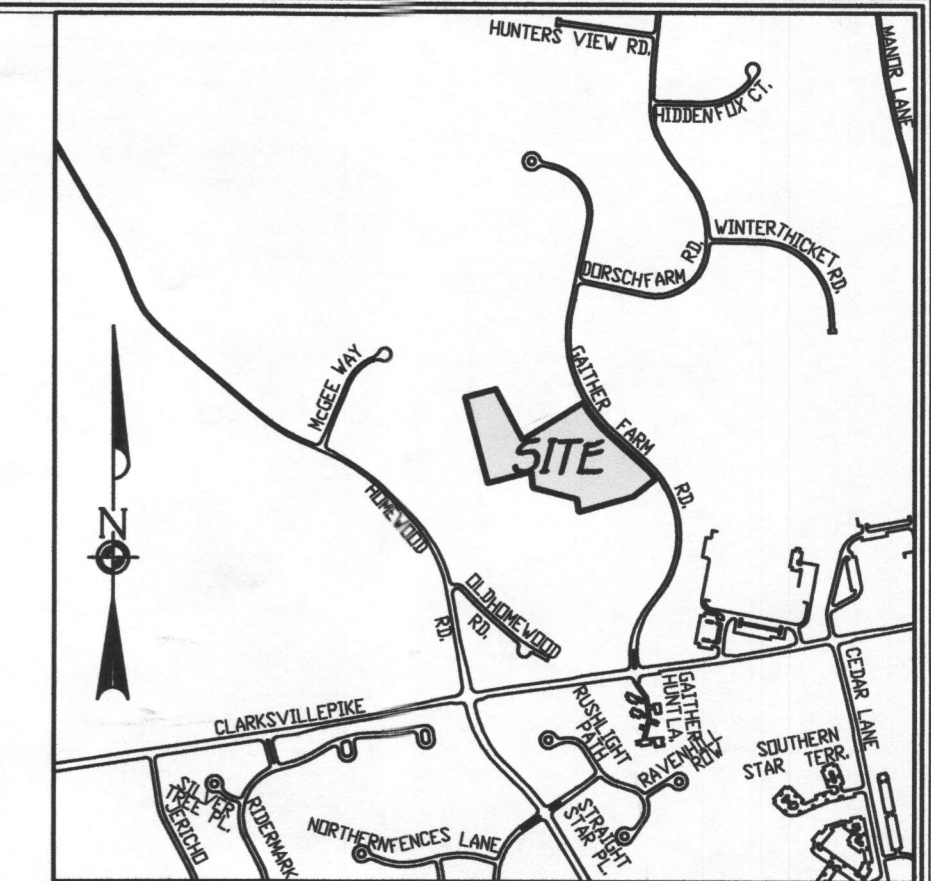


Kevin Wolf, Sanitarian
Well and Septic Program
Ground Water Management

Cc: file

SOIL	NAME	CLASS
BaA	Baile silt loam, 0 to 3 percent slopes	D
GbA	Gladstone loam, 0 to 3 percent slopes	B
GbB	Gladstone loam, 3 to 8 percent slopes	B
GbC	Gladstone loam, 8 to 15 percent slopes	B
GmB	Glenville silt loam, 3 to 8 percent slopes	C
GmC	Glenville silt loam, 8 to 15 percent slopes	C
MaD	Major loam, 15 to 25 percent slopes	B

NOTES:
 * Hydric soils and/or contains hydric inclusions
 ** May contain hydric inclusions
 † Generally only within 100-year floodplain areas



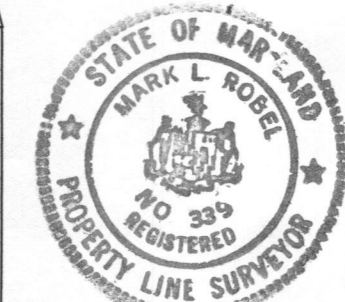
VICINITY MAP
SCALE: 1" = 1200'



GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS 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 AREA. RECORDED OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
- TOPOGRAPHY SHOWN IS FIELD RUN BY FISHER, COLLINS & CARTER, INC ON OR ABOUT MAY, 2009.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN
- PLAT REFERENCE: *6952
- LOT #26 (GAITHER FARM)
*LOTS #26 & #27, A RESUBDIVISION OF LOT #7 AND LOT#8
- DEED REFERENCE: 5714/323
- OWNER: HERBERT WILKINS
SHERAN WATKINS
*11031 GAITHER FARM RD
ELLICOTT CITY, MD 21042-6126
- PLAN IDENTIFICATION NUMBER (PC 531036)
- NOTES: * DENOTES AN OPTIONAL 1" TO 2" CAPPED PVC PIPE USED FOR THE FIELD IDENTIFICATION AND LOCATION OF THE SANITARY PRESSURE LINE.
EXISTING SEPTIC SYSTEM SUPPORTS THE EXISTING DWELLING & PROPOSED ADDITION.
PURPOSE FOR THIS PLAN IS IN SUPPORT OF THE PROPOSED ADDITIONS TO ADD AN ENCLOSED POOL (107x64).

PERC CERTIFICATION
 I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.
Mark L. Robel
 Signature of Professional Land Surveyor
 Mark L. Robel, Property Line Surveyor, *339
 Date: 7/06/09



LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- GLB2 MLCZ SOIL LINES AND TYPES
- DENOTES EXISTING WELL
- DENOTES FAILED PERC 3/31/03
- DENOTES PASSED PERC 3/31/03
- DENOTES PASSED PERC 7/19/05
- DENOTES FAILED PERC 5/2/03
- DENOTES FAILED PERC

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
Peter Beilerman 7/24/2009
 COUNTY HEALTH OFFICER DATE

REVISED PERC CERTIFICATION PLAN
GAITHER FARM LOT 26

TAX MAP #29 ZONED: RC-DEO PARCEL: 1
 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: JULY 6, 2009

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
6/2/05	<p>Received phone call from engineer FCC Mark Robel. Pretty much explained everything that needs to be done. A perc plan is to accompany the perc app. Existing perc tests need to be retaken along w/ corrected SDA and lot lines if possible. Existing SDA encroaches on house and proposed addition. Need to revise SDA (KW)</p>
6/4/05	<p>sent email to Mark Robel w/ scanned documents of all ex. perc notes pertinent to project (KW)</p>
	<p>A waiver for Per Cert Plans for pools was <u>not</u> met due to 1) The property does not have an SDA that is tabulated accurately along w/ the perc data to support the SDA shown. Property was a subdivision of ex lots 7 & 8 and a revision to the ex SDA was approved in 1992. Only 2 of the lots could be accurately represented. More accurate test needs to be done @ a min. along with heading ex. sig. system (KW)</p>
6/23/05	<p>Perc testing scheduled for tomorrow w/ Hatfield to determine enough area or 2 separate 10,000 sq ft for ex. back field for the barn and the ex. app for the dwelling. This was previous by discussed w/ Phara S. (KW)</p>

more →