



Howard County  
Health Department

7175 Columbia Gateway Drive

# APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

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

A/P 526 224

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

DATE 2/6/07

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
- ☒ REPLACE AN EXISTING SEPTIC SYSTEM

*RELOCATE EXISTING SEPTIC SYSTEM*

CHECK ONE:

- ☐ CREATE NEW LOT(S)
- ☐ BUILD ON AN EXISTING LOT IN A SUBDIVISION
- ☐ BUILD ON AN EXISTING PARCEL OF RECORD

CHECK AS NEEDED:

- ☐ NEW STRUCTURE(S)
- ☐ ADDITION TO AN EXISTING STRUCTURE
- ☐ REPLACE AN EXISTING STRUCTURE

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) AL GLEESON

DAYTIME PHONE 301-277-4680 CELL 301-440-6687 FAX 301-277-4680

MAILING ADDRESS 13006 Twelve Hills Rd. CLARKSVILLE, MD 21029  
STREET CITY/TOWN STATE ZIP

APPLICANT AL GLEESON / FRED DICKSON

DAYTIME PHONE 301-440-6687 CELL 410-707-0447 FAX 301-277-0877

MAILING ADDRESS 13006 Twelve Hills Road CLARKSVILLE MD 21029  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME TWELVE HILLS LOT NO. 8

PROPERTY ADDRESS 13006 Twelve Hills Rd CLARKSVILLE  
STREET TOWN/POST OFFICE

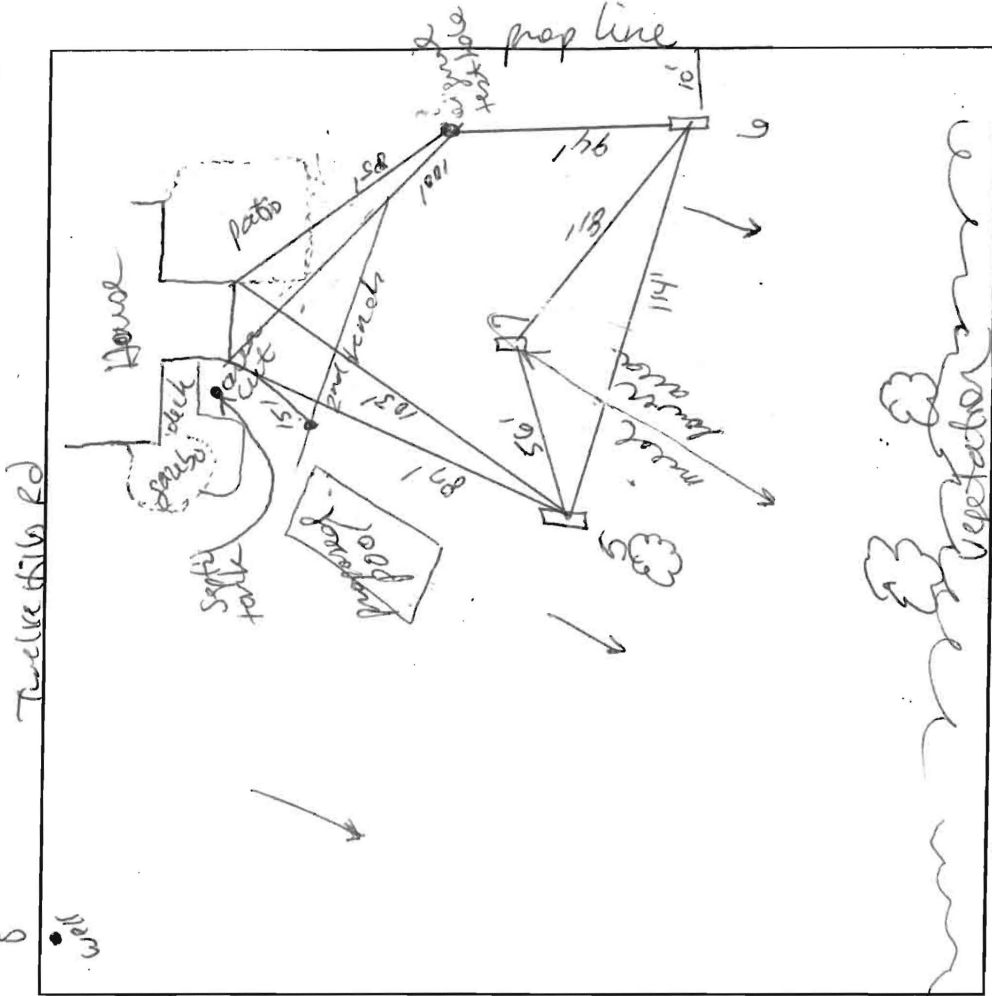
TAX MAP PAGE(S) 28 GRID 14A3 PARCEL(S) 381 PROPOSED LOT SIZE 3.021 AC

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.

Al Gleeson  
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



5  
brown & blk  
gravelly

3'  
red  
silt  
very micaceous  
15% gravel

9' - sep page  
15m the level brown silt  
coarse gr

10

6  
dark brown & blk  
1' red  
sil coarse micaceous  
2 1/2' red  
heavy sil micaceous  
3' 30% cobbles  
sil coarse  
micaceous  
6' dark gray  
fine to med micaceous  
9' drag & R sequence  
12'

[illegible]

7  
brown l  
slk gravelly  
red  
silt slk  
micaceous  
~3'4' red  
silt gr  
micaceous  
5' black silty fine  
coarse silt/s.  
very micaceous  
sepiolite  
10' - H<sub>2</sub>O  
11'5'

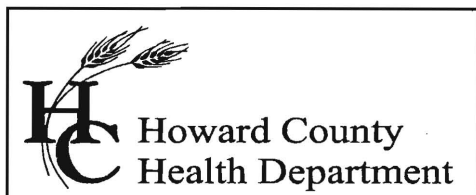
REMARKS Modify rip SDA to accomodate pool.

SANITARIAN SF BACKHOE Fogles OTHERS Gleason

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

4 bedrooms



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

April 18, 2007

Al Gleeson  
13006 Twelve Hills Rd  
Clarksville, Maryland 21029

RE: PERCOLATION TEST RESULTS –A#526224  
13006 Twelve Hills Rd

Dear Mr. Gleeson,

Percolation testing conducted March 29, 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) Actual surveyed locations and elevations of all excavated test holes and original test holes
- 2) Existing house site, other structures, and driveway location
- 3) Existing property lines
- 4) Existing well location and septic location.
- 5) Existing SDA and modified SDA,
- 6) Description of use and intent designated for existing structures and systems, e.g. 'to remain' or 'to remove.'
- 7) Proposed pool location
- 8) A note must be included certifying that all existing wells and septic systems within 100 feet of property
- 9) boundaries have been shown
- 10) A note stating the engineer used all reasonable efforts to find the location of all surrounding wells and septic systems
- 11) 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
- 12) A MDE sewage disposal area statement is required
- 13) MDE minimum lot width statement
- 14) Include the statement, "Any changes to a private sewage easement shall require a revised perc certification plan"
- 15) Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries
- 16) 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
- 17) A health officer signature block stating "approved for private water and private sewer systems."
- 18) 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."
- 19) 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

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

1. SITE ADDRESS: 13006 TWELVE HILLS RD CLARKSVILLE, MD
2. EXISTING ZONING IS RR-DEO
3. BOUNDARY LINES SHOWN HEREON ARE BASED ON BOUNDARY EVIDENCE
4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
5. AREA OF THE PROPOSED SEPTIC EASEMENT \_\_\_\_\_ SQUARE FEET
6. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL SEPTIC SYSTEMS, WELLS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE BOUNDARY LINES HAVE BEEN LOCATED.
7. ALL EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARIES HAVE BEEN SHOWN. ALL REASONABLE EFFORTS WERE USED TO FIND THE LOCATION OF ALL SURROUNDING WELL AND SEPTIC SYSTEMS.
8. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

#### LEGEND

NEW PASSED PERC TEST

AREA TO BE ADDED

EXISTING PERC AREA

PROPOSED NEW SEPTIC EASEMENT

TOTAL PROPOSED SEPTIC AREA: 10,133 S.F.

SDA AREA ADDED \_\_\_\_\_ S.F.

SDA AREA REMOVED \_\_\_\_\_ S.F.

THIS AREA DESIGNATES A MINIMUM 10,000 SQUARE FOOT PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

Topography is at 2' Contour from Howard Co.

13006 Twelve Hills Road

Lot 8

Twelve Hills Section Two

Test Holes  
Previous Perc 1/87

Existing Septic Easement

Proposed Perc

EXISTING TANK

EXISTING HOUSE

EXISTING WELL  
TO BE DELETED

BOUNDARY SURVEY AND HOUSE LOCATION SURVEY  
AS BASED ON DATA AS PREPARED BY:  
CLARK, FINEBROCK & SACKETT, INC.  
REVISED PERCOLATION PLAN PREPARED BY:  
FRED C. DICKSON CO., INC.

TWELVE HILLS ROAD

#### REVISED PERCOLATION CERTIFICATION PLAN

DATE: 04/24/07

SCALE: 1" = 40'

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

OWNER'S SIGNATURE

DATE

OWNER: AL GLEASON  
13006 TWELVE HILLS RD  
CLARKSVILLE, MD 21029  
410.531.6206

APPROVED FOR PRIVATE WATER  
& PRIVATE SEWERAGE SYSTEMS  
IN CONFORMANCE WITH THE  
MASTER PLAN OF HOWARD COUNTY

HEALTH OFFICER

DATE