

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 12/4/06 TEST TIME 9AM AP 525628
 AGENCY REVIEW: _____ DATE 11/8/06

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 4+05 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) WALT RYDZEWSKI

DAYTIME PHONE 410-531-2550 CELL _____ FAX _____

MAILING ADDRESS #11707 BRAGDON WOODS CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT WALT RYDZEWSKI

DAYTIME PHONE 410-531-2550 CELL _____ FAX _____

MAILING ADDRESS #11707 BRAGDON WOODS CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME 11719 BRAGDON WOODS LOT NO. -

PROPERTY ADDRESS 11719 BRAGDON WOODS
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 29 GRID 14 PARCEL(S) 35 PROPOSED LOT SIZE 3.741 AC

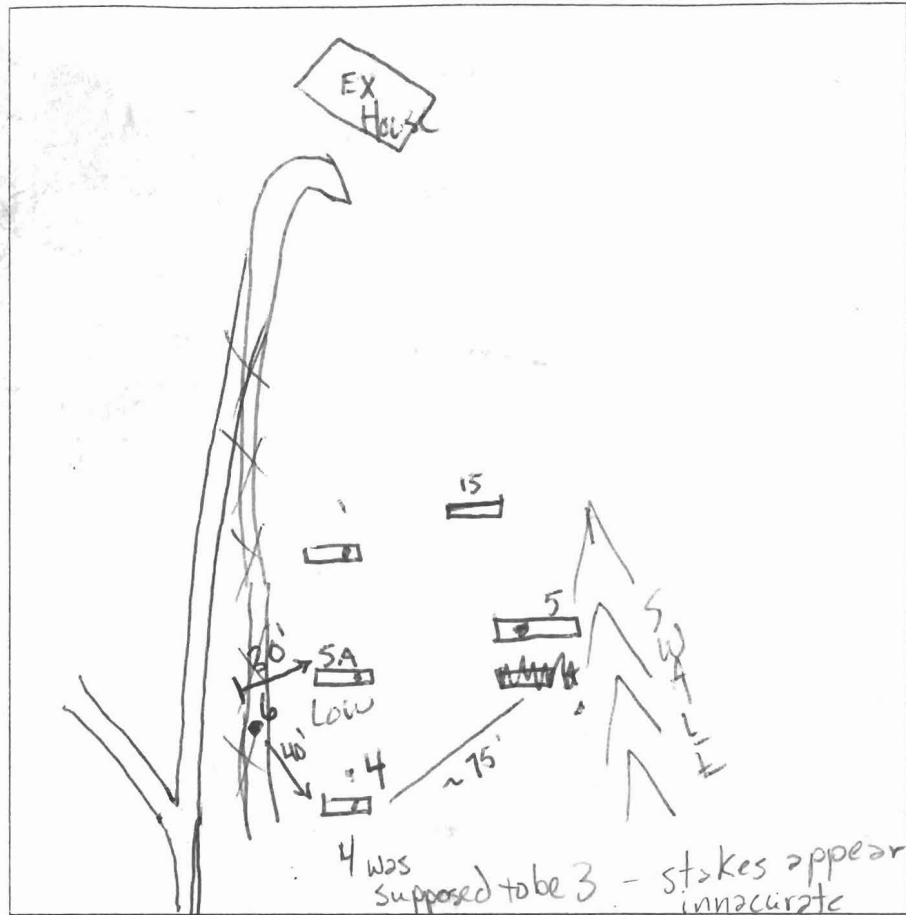
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

Walter J Rydzewski
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

4
 1 DK Red Brown S&Cl
 Dk Red Yellow S&lm
 3 DK Yellow Brown Fine S&lm
~~Light Yellow~~
~~S&lm Weak S&pholite 20b~~
 14' R&L bottom HARD SA
 6 DK Yellow Brown F&L Red Brown
 3' Yellow Red - Str Brown 7.5 yr S&lm/s
 Veins of Lt Yellow Brown S& (S&pr.) V&V
 15 HARD BOTTOM
 ①
 2' Str Brown S&Cl Red S&Cl
 4' Yellow Brown S&lm
~~White M S&pr~~
 15' HARD

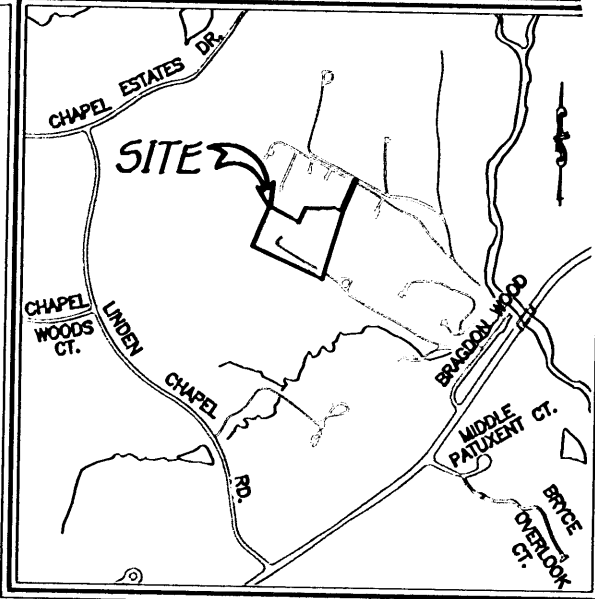


5
 DK Yellow Brown S&Cl 1.5
 - Red Brown S&lm (H) 3
 DK Red Brown S&lm Fine Micz Flakes 7
 Lt Yellow S&lm w/ 25% V&S&pr.
 12 R&L < 20' @ 12'
 14
 15
 Str. Brown S&Cl 1.5
 40% cobbles 3
 Str. Brown S&lm 4
 Lt Yellow Brown S&lm 30% V&S&pr. 10% Str. S&pr.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/4/06	4	5'/14'	9:37	9:43	9:49	6m	P
	4	14'	5g ²¹				OK
	SA	5'/15'	10:05	10:07	10:10	3m	P
	SA	15'	5g ²¹				OK
	1	5'/15'	10:17	10:22	10:27		P
	1	15'	5g ²¹				OK
	5	5'/14'	10:30	10:33	10:41	8m	P
	SA	14'					OK
	15	5'/15'					OK

6 (Auger) 2/2/07
 6' Organic (m) w/ Hamus
 DK Red S&Cl (micaceous)
 3' Lt Yellow (micc.) S&lm
 5' DK Yellow Brown (micc.) S&lm
 9 ↓

REMARKS 5 in centerline of swale - all soils sandy w/ Fine Micz
 SANITARIAN GAC / DJ BACKHOE Hatfield-Denny OTHERS Mr. Ryzewski
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____
 Hole staked as 2 was not tested



LEGEND

- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- EXISTING TREE LINE
- GLB2 MLC2 SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- ⊙ DENOTES PROPOSED PERC
- ⊙ DENOTES PROPOSED HOUSE
- ▭ DENOTES 25% AND GREATER SLOPE
- DENOTES FAILED PERC
- DENOTES PASSED PERC

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. WELL SHALL BE DRILLED PRIOR TO BUILDING PERMIT.
7. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
8. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
9. DEED REFERENCE LIBER 063, FOLIO 292.

SOILS LEGEND

SOIL	NAME
GbB	Gladstone loam, 3 to 8 percent slopes
GbC	Gladstone loam, 8 to 15 percent slopes
GmC	Glenville silt loam, 8 to 15 percent slopes
MaD	Manor loam, 15 to 25 percent slopes
MqD	Manor-Bannertown sandy loams, 15 to 25 percent slopes, rocky

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

**PERC CERTIFICATION PLAN
11719 BRAGDON WOOD**

ZONED: RC-DEO
 TAX MAP 29 GRID 14 PARCEL 35
 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50'
 DATE: JANUARY 10, 2007
 A525628

OWNER & DEVELOPER

Walter Rydzewski
 11707 Bragdon Woods
 Clarksville, Md 21029
 Phone 410-531-2550

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.

Robert J. Walter
 COUNTY HEALTH OFFICER

2/4/07
 DATE

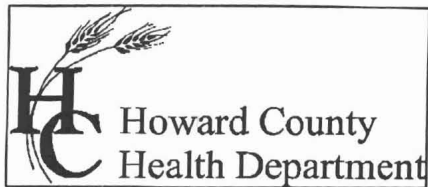
PERC CERTIFICATION

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.

Terrill A. Fisher
 Signature of Professional Land Surveyor
 Terrill A. Fisher, Professional Land Surveyor No. 10692

1/10/07
 Date

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2895



Bureau of Environmental Health
7178 Columbia Gateway Drive Columbia, Maryland 21046-2132
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

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

December 11, 2006

Mr. Walt Rydzewski
11707 Bragdon Wood
Clarksville, MD 21029

RE: Percolation Test Results – A525628
Tax Map 29, Parcel 35
11719 Bragdon Wood

Dear Mr. Rydzewski:

Percolation testing conducted December 4, 2006 on the referenced property indicated both satisfactory and unsatisfactory soil conditions. Limiting factors influencing percolation test results were the onsite topography and proposed Sewage Disposal Area relationship to a potentially water bearing features (swale). 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) Proposed house site (55' x 70') or footprint, including building restriction lines as determined by other County agencies
- 3) Existing and proposed property lines and easements
- 4) The existing wells and statements of intent for each (to remain or to be abandoned)
Only one well will be allowed to remain
- 5) Proposed minimum 10,000 sq. ft. SDA for the lot maintaining 25' from the centerline of the swale
- 6) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) Topography at 2-contour intervals and a note indicating that depicted topography reflects field-matched information (**Field Run topography needed in area of SDA**)
- 8) A MDE sewage disposal area statement is required
- 9) A note stating that a MDE minimum lot width statement is not required due to the lot being created prior to 1985
- 10) Identification of streams, ponds, wetlands, floodplains, slopes >25%, soil types and soil type boundaries
- 11) Legend symbols to distinguish between new holes and any existing holes previously documented (by the HCHD)
- 12) Existing structures, wells, septic easements and other septic system components such as tanks, dry wells, trenches and distribution boxes. Description of use and intent designated for each item, e.g. 'to remain' or 'remove.'
- 13) A health officer signature block stating "approved for private water and private sewer systems."
- 14) 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.

- 15) 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.
- 16) Name, address and telephone number of each owner, developer and the plan author.
- 17) 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)
- 18) If adjustment of previously approved SDA, show area gained, area lost, and final
- 19) SDA; calculate square footage for each; and shade any area to be abandoned differently from any new SDA to be established
- 20) Minimum required distances – See Appendix A

If you or the plan preparer should have any questions, please do not hesitate to contact me at the above address or on my direct office telephone at (410) 313-2775.

Sincerely,



Gabriel A. Creighton, R.S.

Well and Septic Program

Development Coordination Program

GAC

cc: Well and Septic Program File