



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 523132

AGENCY REVIEW: _____

DATE 8/16/05

PAID 15 306755

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 3 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) Robert Greenbank

DAYTIME PHONE (301) 460-3491 ^{ALT} (301) 572-6031 _{CELL} FAX _____

MAILING ADDRESS 3840 Bel Pre Rd #10 Silver Spring Md 20906
STREET CITY/TOWN STATE ZIP

APPLICANT Same

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. 11

PROPERTY ADDRESS 7170 Brooks Rd Highland
Dist 5 STREET TOWN/POST OFFICE
Parcel 43 Lot 11

TAX MAP PAGE(S) 40 GRID _____ PARCEL(S) 43 PROPOSED LOT SIZE 10.781 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.

Robert Greenbank
SIGNATURE OF APPLICANT

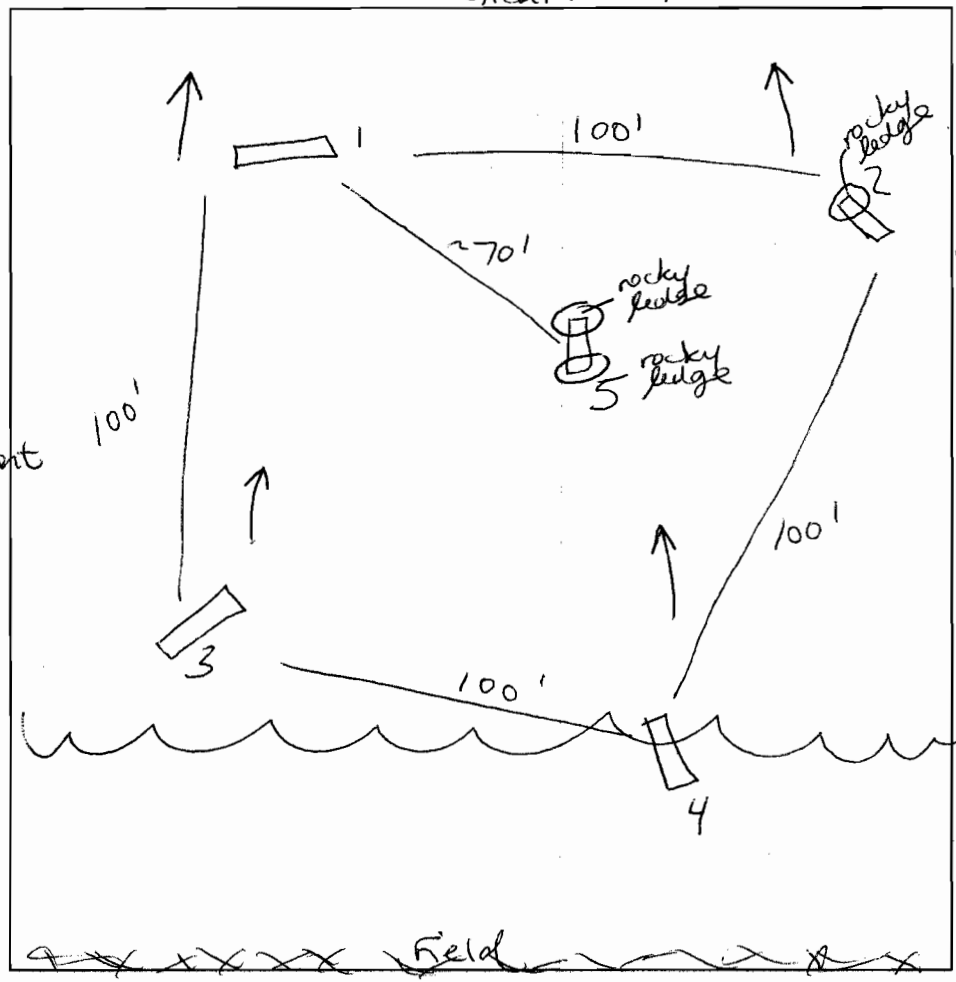
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Intermittent Stream ~400+'

A/P 3
 brown L
 orange brown
 hl →
 micaceous
 cw sbk
 5.5'
 yellow brown
 sl/s matrix
 20-25%
 chert/coarse chert
 micaceous
 grainy feel
 12.5'

1
 brown L
 6"
 orange brown
 sl sg
 micaceous
 35-40%
 chert/coarse
 chert
 (spherulite/shale?)
 platy
 ~7'
 yellow brown
 sl pl
 35-40%
 chert/coarse
 chert
 spherulite
 12'

2
 brown L
 6"
 yellow brown
 L
 cw sbk
 ± 5-10% gravel
 chert
 2'
 orange brown
 hl → scl?
 pl
 30-35%
 chert
 micaceous
 very grainy
 4.5'
 orange brown
 sl sg
 6'
 rock cobbles
 1.5'
 downhill
 side HB
 12'

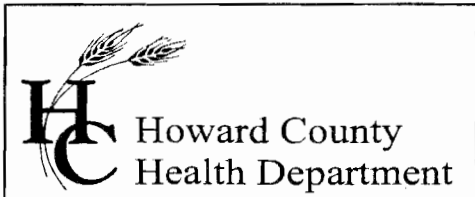


5
 brown L
 6"
 yellow brown
 L cw sbk
 20-25%
 gravel/cobbles
 micaceous
 2-2.5'
 weak orange brown
 15 sg
 pl 15%
 gravel/cobbles
 micaceous
 6.5'
 20% chert/coarse
 chert
 gravel
 12' HB

4
 brown L
 yellow brown
 L cw
 sbk
 15% gravel
 2'
 orange brown
 hl → scl
 pl / sg
 20-30%
 chert/coarse chert
 micaceous
 5'
 yellow/gray
 sl 25-30%
 chert/coarse chert
 micaceous
 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
9/9/05	1	4'9" / 12'	9:53	10:07	10:28	21	P
	2	5' / 12'	10:47		too slow		
	2	7'9"	1:09	1:15	1:29	14	P
	3	6' / 12'5"	12:57	12:58	1:01	3	P
	4	7' / 12'	12:10	12:22	12:41	19	P
	5	5' / 12'	11:26		too slow		
	5	7'	12:22	12:24	12:30	6	P

REMARKS Holes staked by owner
 SANITARIAN SF BACKHOE _____ OTHERS Robert Greenbank
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 13 SQ. FT/BR 210
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



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

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

September 12, 2005

Robert Greenbank
3840 Bel Pre Rd #10
Silver Spring, MD 20906

RE: PERCOLATION TEST RESULTS – A523132
Tax Map 40, Parcel 43
7170 Brooks Rd, Highland, MD

Dear Mr. Greenbank:

Percolation testing conducted September 9, 2005 on the referenced property indicated satisfactory soil conditions. 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:

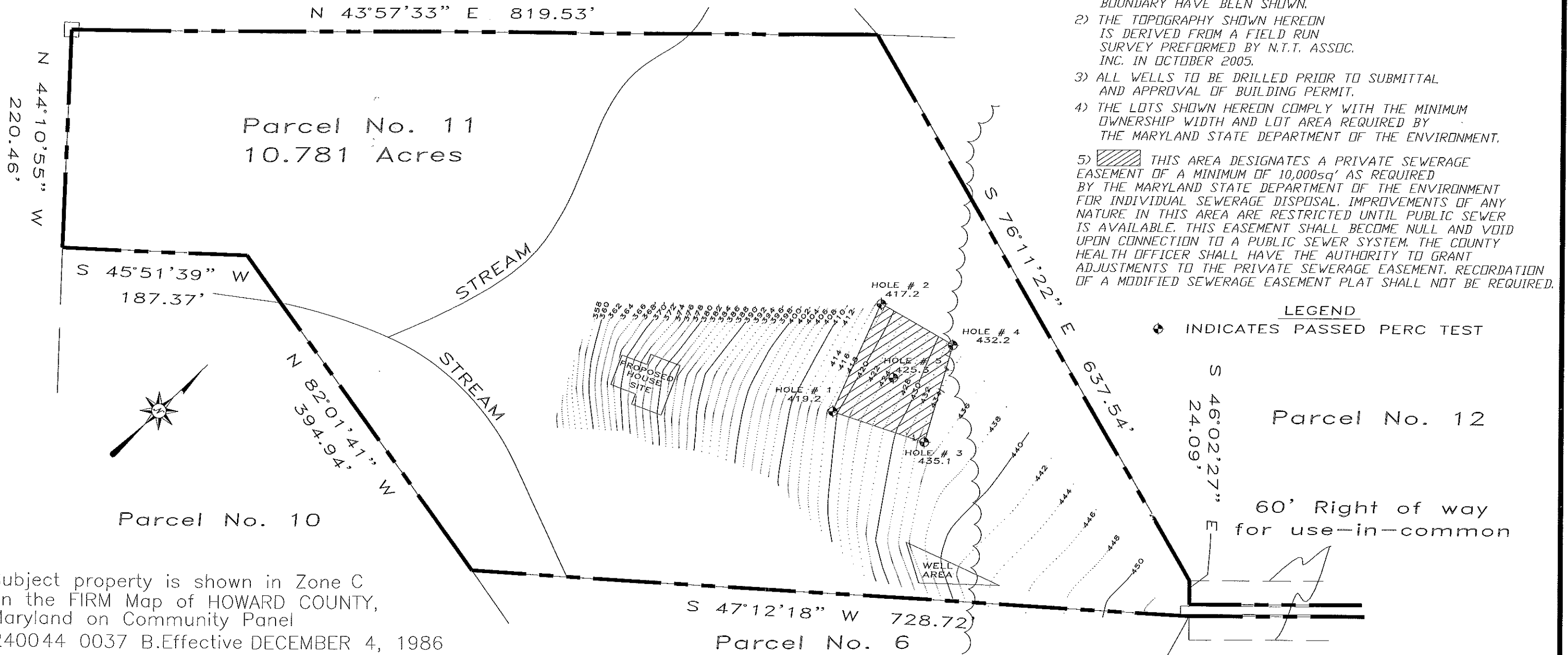
- 1) Actual locations and elevations of all excavated test holes
- 2) Proposed house, well and septic area
- 3) Locations of any other relevant features such as streams, swales, or existing structures
- 4) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown. Sewage disposal areas located uphill from well sites need to be at least 200 feet away.
- 5) A note indicating that depicted topography reflects field-matched information
- 6) A health officer signature block stating “approved for private water and private sewer systems”
- 7) A MDE sewage disposal area statement is required
- 8) MDE minimum lot width statement

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. Also, well drillers are typically contacted after the percolation certification plan has been approved. 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

SF
Enclosures
Cc: File

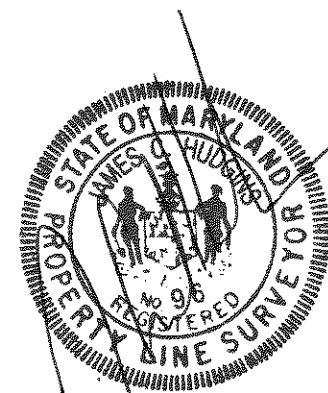


NOTES:

- 1) ALL EXISTING WELLS AND SEPTIC WITHIN 100' OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN.
- 2) THE TOPOGRAPHY SHOWN HEREON IS DERIVED FROM A FIELD RUN SURVEY PERFORMED BY N.T.T. ASSOC. INC. IN OCTOBER 2005.
- 3) ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL AND APPROVAL OF BUILDING PERMIT.
- 4) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 5) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF A MINIMUM OF 10,000sq' 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 SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE REQUIRED.

Subject property is shown in Zone C on the FIRM Map of HOWARD COUNTY, Maryland on Community Panel 240044 0037 B. Effective DECEMBER 4, 1986

This is to certify that I have surveyed the property shown hereon, being known as **Parcel 11 Shillinger Property** Tax Map 40 Parcel 423 and recorded among the land records of HOWARD County, Maryland in Liber 680 FOLIO 148 for the purpose of locating the perc test holes thereon.



J. Carl Hudgens PLS #96

**PERC CERTIFICATION PLAN
PARCEL 11 SHILLINGER PROPERTY
TAX MAP 40 PARCEL 423
HOWARD COUNTY, MD.**

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS

Robert J. Weber 11/4/05
for HEALTH OFFICER SIGNATURE

SF

NTT Associates, Inc.

16205 Old Frederick Road
Mt. Airy, Maryland 21771
Ph. (410)442-2031
Fax No. (410)442-1315

Scale:	1" = 100'
Date:	10/18/05
Field By:	RIK
Drawn By:	RIK
Drawing #	MIS5814

