



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ AP 523036

AGENCY REVIEW: \_\_\_\_\_ DATE 7/29/05

DO NOT WRITE ABOVE THIS LINE

TAXED # 05-348145

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(S):

- RESIDENTIAL WITH unknown 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) John & Denise Griffiths

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 1632 Glenwood Circle State College PA 16803  
STREET CITY/TOWN STATE ZIP

APPLICANT VINCENT T. TAYLOR

DAYTIME PHONE 202 366-2332 CELL 202 309-1788 FAX 202 366-7211

MAILING ADDRESS 10810 VISTA ROAD COLUMBIA MD  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION Jim Selbridge 410-531-8960 ext 27  
SUBDIVISION/PROPERTY NAME LOT NO.

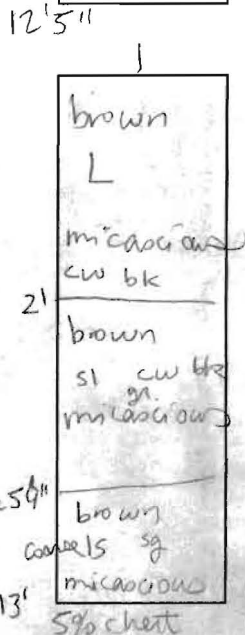
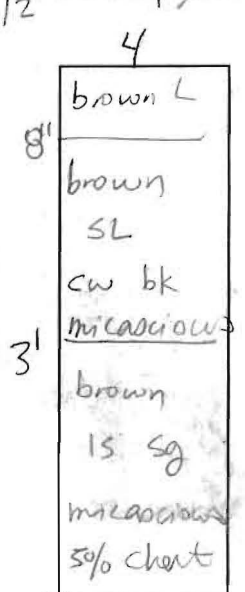
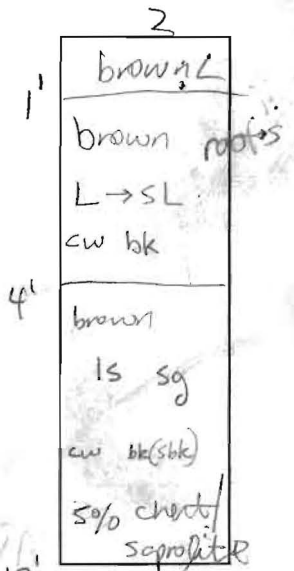
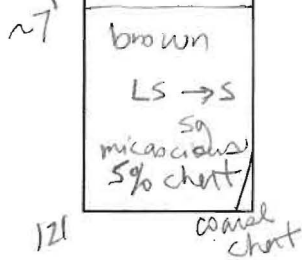
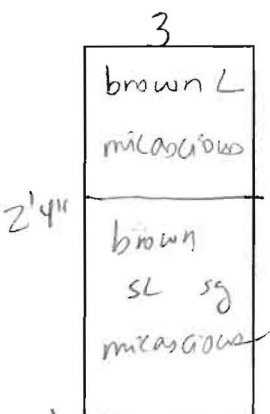
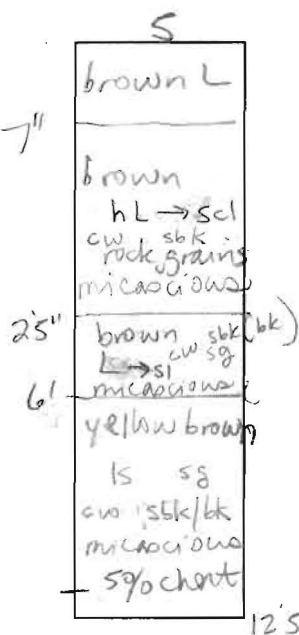
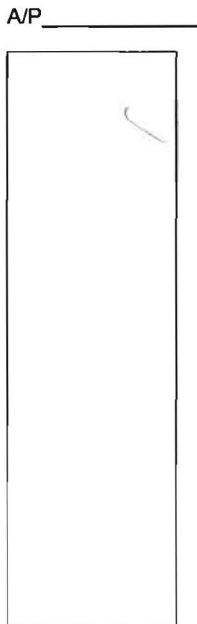
PROPERTY ADDRESS 13985 ROUTE 108 HIGHLAND, MD. 20777-9528  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 40 GRID 15 PARCEL(S) 414 PROPOSED LOT SIZE 1Ac

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. Vincent T. Taylor  
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



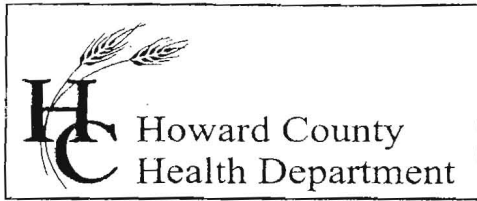
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
	5	5' / 12'5"	9:18 <sup>53</sup>	9:20 <sup>53</sup>	9:23 <sup>30</sup>	3	P
	3	4'3" / 12'	9:26 <sup>10</sup>	9:26 <sup>55</sup>	9:27 <sup>40</sup>		
			9:29 <sup>24</sup> 9:33	9:30 <sup>30</sup> 9:33	9:31 <sup>52</sup> 9:35 <sup>20</sup>		
			9:36 <sup>15</sup>	9:37 <sup>35</sup>	9:39	2	P
	2	4'9" / 12'	9:46 <sup>13</sup> 9:48 <sup>39</sup>	9:47 <sup>05</sup> 9:50 <sup>04</sup>	9:48 <sup>05</sup> 9:51 <sup>73</sup>		
			9:52 <sup>58</sup>	9:54 <sup>57</sup>	9:57	2	P
	4	3' / 12'5"	10:01 <sup>35</sup> 10:03 <sup>5</sup>	10:02 <sup>42</sup> 10:04 <sup>47</sup>	10:06 <sup>48</sup>	2	P
	1	3'8" / 13'	10:08 <sup>01</sup> 10:09 <sup>17</sup>	10:09 <sup>01</sup> 10:11 <sup>03</sup>	10:13 <sup>28</sup>	2	P

REMARKS Holes dug per plan

SANITARIAN SF BACKHOE K+K OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME 2 SQ. FT/BR \_\_\_\_\_

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



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

August 25, 2005

John and Denise Griffiths  
1632 Glenwood Circle  
State College, PA 16803

RE: PERCOLATION TEST RESULTS – A522036  
Tax Map 40, Parcel 414  
13985 Route 108, Highland, MD

Dear Mr. and Mrs. Griffiths:

Percolation testing conducted August 25, 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:

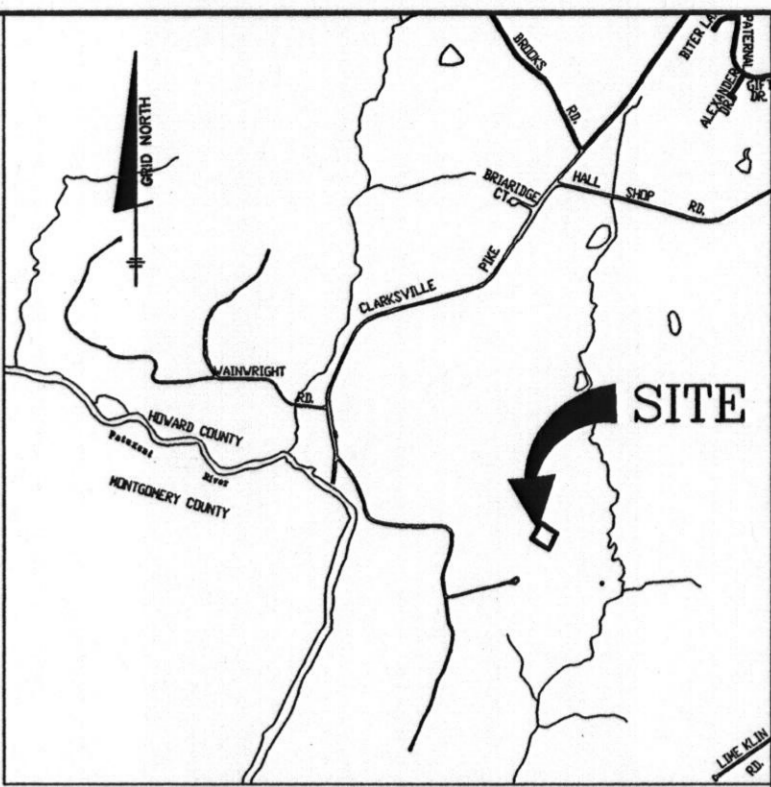
- 1) Actual locations and elevations of all excavated test holes
- 2) Proposed house, well and septic system
- 3) Locations of any other relevant features such as streams, swales, or existing structures
- 4) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 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 plan should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,

Sara Fegel  
Water and Septic Program  
Development Coordination Section

SF  
Enclosures  
Cc: John Carney, Benchmark  
File



VICINITY MAP  
SCALE: 1"=2000'

SOILS LEGEND	
MAP SYMBOL	SOIL TYPE
MIE2	B MANOR LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
MIC3	B MANOR LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED

NO INDICATES HYDRIC SOILS  
TAKEN FROM SOIL SURVEY, HOWARD COUNTY, MARYLAND (ISSUED JULY, 1968) MAP NO. 28

**GENERAL NOTES**

- 1.) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 2.) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 S.F. 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.
- 3.) UNLESS OTHERWISE SHOWN NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPOSED WELL OR SEPTIC LOCATION.
- 4.) TOPOGRAPHY SHOWN HEREON WAS PURCHASED FROM HOWARD COUNTY, GEOGRAPHICAL INFORMATION SYSTEMS BY BENCHMARK ENGINEERING, INC. AND FIELD VERIFIED.
- 5.) THE EXISTING SEPTIC SYSTEM SHALL BE ABANDONED AND A NEW SYSTEM SHALL BE INSTALLED AT THE NEW SEPTIC EASEMENT LOCATION.



PLAN  
SCALE: 1" = 50'

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 KNOWLEDGE AND BELIEF.

*John M. Carney* 8/8/05  
JOHN M. CARNEY, FOR BENCHMARK ENGINEERING, INC.  
PLAN PREPARER

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

*Robert W. ...* 8/8/05  
HOWARD COUNTY HEALTH OFFICER

**BENCHMARK**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLICOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 & FAX: 410-465-6644  
EMAIL: Benchmark@ccale.com

BUILDER:	PROJECT:	13985 ROUTE 108 A522036
JAMES H. SELFRIE BUILDERS, INC. 14045 GARED DRIVE GLENWOOD, MARYLAND 21738 410-531-8930	LOCATION:	TAX MAP No.: 40, GRID No.: 16 PARCEL No.: 414 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
	TITLE:	PERCOLATION CERTIFICATION PLAN
DATE: AUGUST, 2005	PROJECT NO. 1882	
DES: JC	DRAFT: JC	CHECK: DAM
SCALE: 1" = 50'	SHEET 1	OF 1