

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

@P 545006

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

DATE 4-19-13

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 \_\_\_\_\_ 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) Suzanne Krawetzki

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

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

APPLICANT Debbie Terez

DAYTIME PHONE \_\_\_\_\_ CELL 3016330266 FAX \_\_\_\_\_

MAILING ADDRESS 35 Bensmill Court, Reisterstown, MD 21136  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME none LOT NO. \_\_\_\_\_

PROPERTY ADDRESS 1857/1859 Long Corner Rd, Mount Airy, MD 21771  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 0006 GRID 0016 PARCEL(S) 0255/0272 PROPOSED LOT SIZE 4.13

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



Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D. Health Officer

May 7, 2013

To: Debbie Jerez  
Applicant

RE: **Percolation Test Report -**  
1857 & 1859 Long Corner Road  
Mount Airy, MD 21771  
Receipt # - A45006

Percolation testing was conducted at the referenced property on May 6, 2013. The purpose for conducting these percolation tests was to delineate a new septic reserve area to for a new single family dwelling.

Two proposed septic areas were tested. Eight tests were dug per the staked locations. Three additional tests were dug in the vicinity of the proposed septic areas. Soil conditions observed were unsatisfactory for conventional onsite wastewater treatment and disposal. These tests were considered unsatisfactory due to overall test depths having less than a 4 feet treatment zone of unconsolidated material. Deep clays were also observed at most test locations. Based on these conditions no area could be identified as suitable for an onsite sewage disposal system.

Field data collected are shown on Percolation Test Worksheets enclosed with this letter. Further review of this project is contingent on a new perc test plan proposal. Sand mound testing may be considered if the proposed test area meets criteria set forth by state and local code. However, the areas in which conventional testing was performed preclude the possibility of a 2' buffer from fractured bedrock required for a mound system.

Additional field review of well or septic system conditions may be required at any time during this process. If you have any questions regarding this evaluation please contact me at the above address or by calling (410) 313-6287.

Respectfully,

Sincerely

Heidi Scott, R.S.  
Environmental Sanitarian  
Well and Septic Program

Cc:  
File

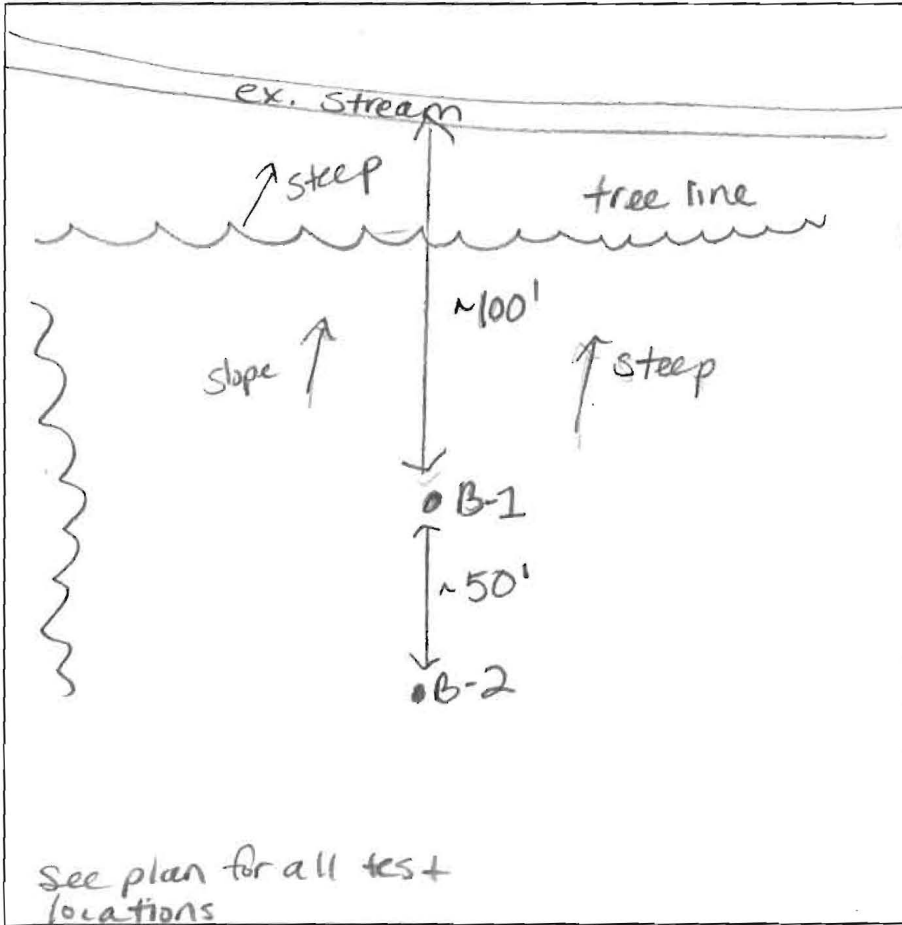
NOT TO SCALE

AP 45006

101  
40-75% shale  
HB / refusal  
2.5'

102  
vf sl  
red  
bl sl  
refusal  
3'

103  
bm scl  
760% shale frags  
refusal  
2'



B-1  
red f/scl  
↓ platog  
bl sl  
refusal  
2'

104  
red bm scl  
ch brn sl  
vch sl  
coarse shale frags  
HB  
2'  
3'  
3.5'

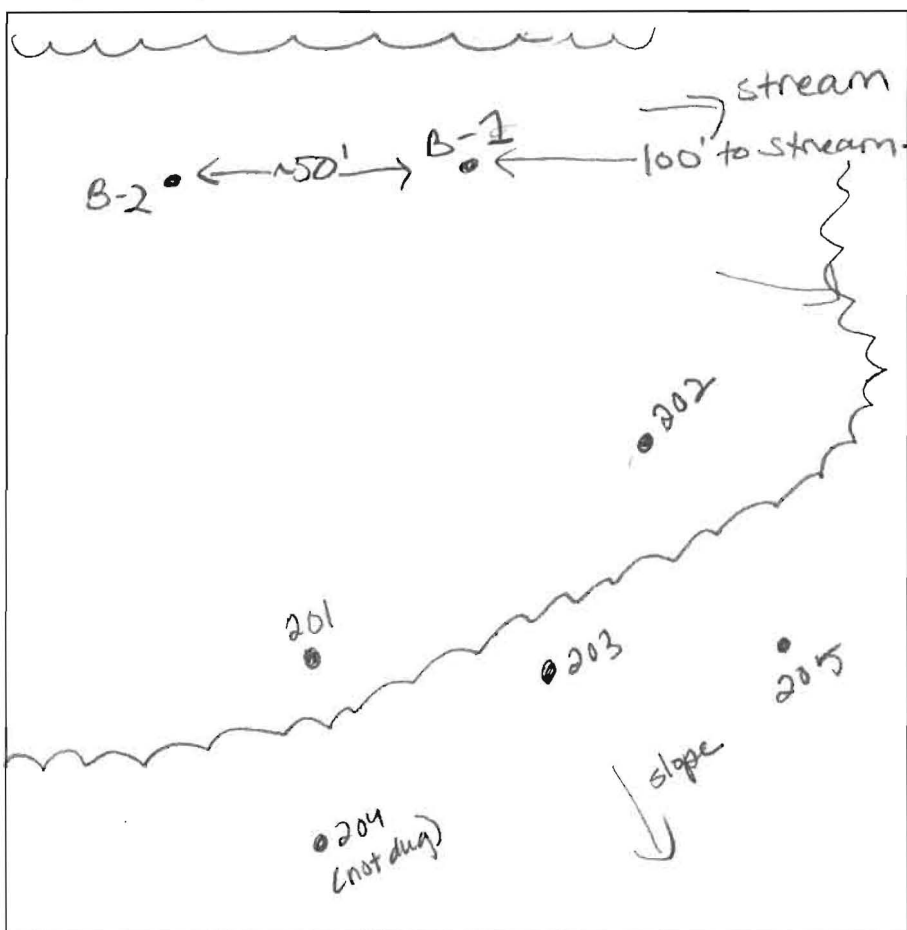
B-2  
brn l  
brn scl  
ch sl  
brn vch  
fsl  
↓  
HB  
1'  
3'  
4.5'  
7'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/6/13	B-2	4' 2" / 7'	11:47	11:58	12:17	19	P
5/6/13	101	2.5'	VISUAL				F
5/6/13	102	3'					F
5/6/13	103	2'					F
5/6/13	104	3.5'					F
5/6/13	B-1	2'					F

REMARKS B-2 tested for perc rate - no 4' buffer  
 SANITARIAN HS BACKHOE Jim Reese OTHERS applicant  
 TEST HOLES USED IN SDA 8 AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

NOT TO SCALE

AP 45006



201  
6" bm 1  
vch bn  
sci  
1 USBK  
3.5'  
vfl bn  
sl  
4'  
playe shale  
refusal

202 & 203  
8" bm 1  
yellow bn  
fl sci  
2'  
bn  
vfl sci  
3'-3.5'  
playe frags  
>50%  
refusal

205  
2.5'  
vch/fl  
sci  
75%  
shale  
refusal

Sceplan for all test locations

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/6/13	201	4'	VSUAL				F
5/6/13	202	3'	↓		↓		F
5/6/13	203	3.5'	↓		↓		F
5/6/13	205	2.5'	↓		↓		F

REMARKS holes dug per stakes B-1, B-2 not per stakes  
 SANITARIAN HS BACKHOE Jim Reese OTHERS applicant  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_



