

APPLICATION

PERCOLATION TESTING

A 517383

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 7/25/2002

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER M. MELCHIOR

ADDRESS 1670 HENRYTON RD MARRIOTTVILLE, MD 21104

AGENT OR PROSPECTIVE BUYER H. BLEVINS

ADDRESS 4140 RIDGE RD, WESTMINSTER, MD, 21157 PHONE 410 875-9067

PROPERTY LOCATION:

SUBDIVISION CLUSTER SUBDIVISION LOT NO. #1

ROAD AND DESCRIPTION EAST SIDE WOODFORD DRIVE

TAX MAP 10 PARCEL # 184

SIZE OF LOT 1.1 AC TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

R. H. [Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

8/22/02
9:00

JOYCE BROOKS
LOT 25
SPRING VALLEY CHASE
PLAT 9488
L 03181 / F 00637
ZONED: RR-DEO

Signed Per Cert
6/18/13
Scale 1"=60'

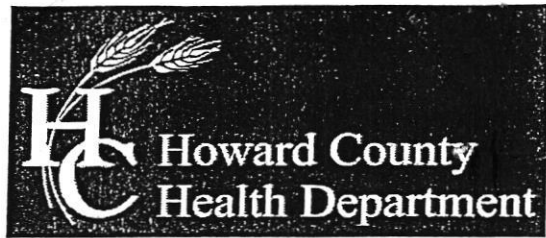


Melchior Property

12" hole

= 1.995

test hole 1F



Bureau of Environmental Health

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Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: Fuzzy Hollow Way

Subdivision: Melchior Property Lot: 3

Initial system: Application rate: 1.2 Effective area beginning depth: 2 Bottom maximum depth: 5
1st Replacement: Application rate: 1.2 Effective area beginning depth: 2 Bottom maximum depth: 5
2nd Replacement: Application rate: 1.2 Effective area beginning depth: 2 Bottom maximum depth: 5

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

(W + 2) / (W + 1 + 2D) x 100 = Percent of length of standard trench where W=trench width and D= depth between effective area beginning depth and trench bottom.

Standard design requirements:

- All trenches must be equal length unless low pressure dosed
All trenches must be on contour
Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D +W up to a maximum spacing of 18'.
Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
Maximum trench length is 100'
Maximum pipe depth is 4'

Additional requirements:

BAT unit likely will need to pump to D-Box

Approved: R Buecker

Date: 7/22/2015