



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

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 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) Robert Williams

DAYTIME PHONE 410 465 5366 CELL _____ FAX _____

MAILING ADDRESS 13110 GREENBERRY LANE CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT MILDENBERG, BOENDER & ASSOC., INC.

DAYTIME PHONE 410 997 0296 CELL 1 FAX 410 997 0298

MAILING ADDRESS 6800 Deerpath Rd Elkridge, MD 21075
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME GREENBERRY LOT NO. 2c

PROPERTY ADDRESS 13110 GREENBERRY LANE CLARKSVILLE MD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID _____ PARCEL(S) 48 PROPOSED LOT SIZE 1A±

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 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

Greenberry lot 20

AVP

20-D

0.5' dk grey brn L, 1 v. pl
brn cl, 2 csbk
to 7msbk

2.3' brn & yel fsl, 7 cpl dense

4.5' red & yel lfs many mica

11' red & yel & blk lfs, micaceous

20-C

0.6' dk grey-brn L
brn cl
2msbk to 7msbk

2' brn, red & yel sl many mica

3.3' red & yel lfs many mica

7.2' red & grey-brn lfs, many mica

11.3' red & yel fsl many mica few channers

20-E

0.5' dk brn L, 1 v. pl
brn scl, 2msbk

2' brn L, 2mpl m. 2d (pale yel)

2.7' pale yel-brn fsl, 1mpl dense

6.5' red & yel lfs many mica

11' red, yel, & brn lfs, 1cpl

20-A

0.8' dk grey brn L
brn cl
2csbk to 7msbk

3' brn L
c 2 & 3d (yel)

6.8' red & yel & red fsl, heavy many mica

11.2' pale red, yel fsl, many mica

12.8' red & yel fsl, many mica

20-B

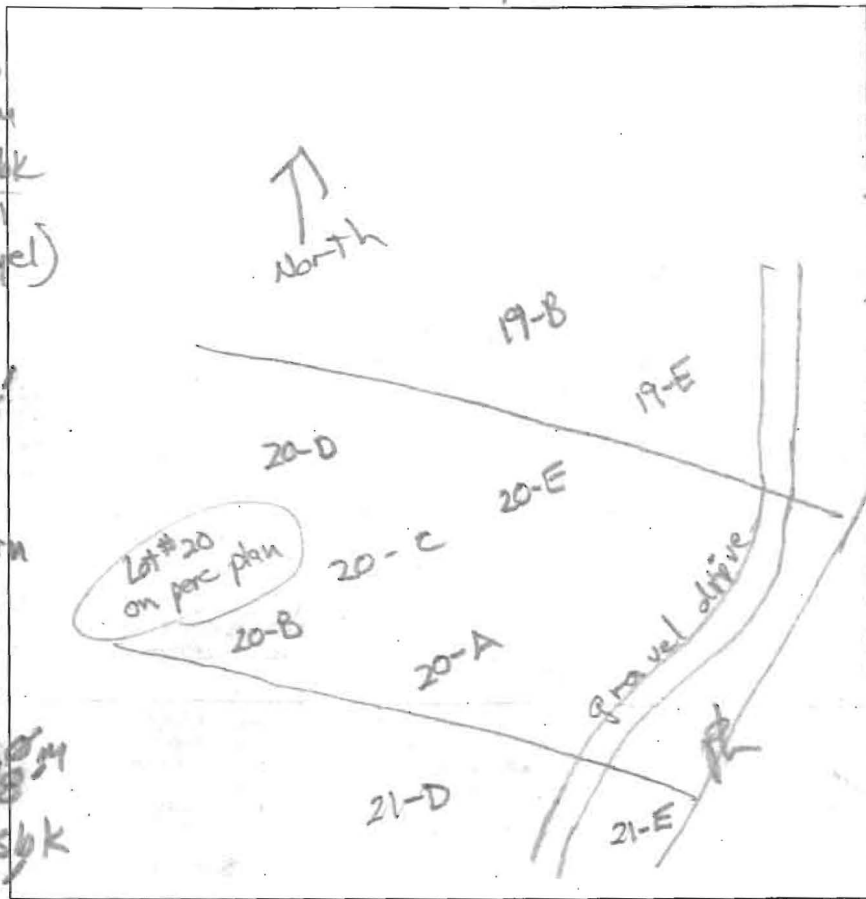
0.6' dk grey-brn L
1 v. pl
brn cl
2msbk to 7msbk

3.2' brn L, 1 v. pl to brn fsl (heavy)

4.8' brn & tan lfs, many mica

6' red & yel lfs many mica

9.1' red, blk & tan lfs 1mpl micaceous



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/2/12	20-E	7.7' / 13'	12:54	1:07	1:34	27	P
11/2/12	20-C	5.8' / 12'	1:18	1:20	1:24	4	P
11/2/12	20-D	13'	Visual		4.5' to 8' OK		P
11/2/12	20-A	12.8'	Visual		2' to 8' OK 0.8' gravel / 1.2'		P
11/2/12	20-B	6' / 12'	2:01	2:05	2:14	9	P

REMARKS _____

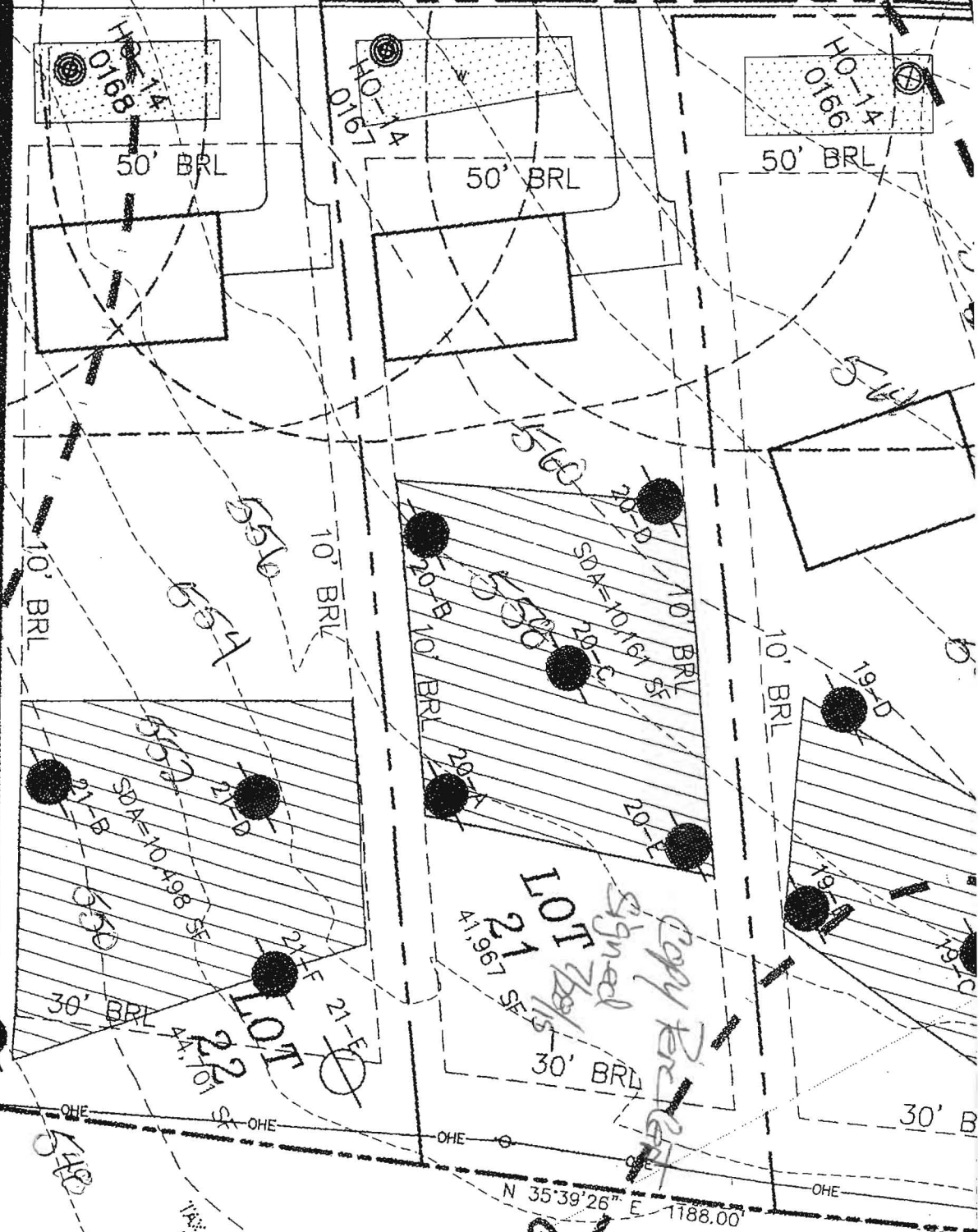
SANITARIAN RB BACKHOE J&A OTHERS Jeff Sloman

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

OWNED BY THE HOMEOWNER'S ASSOCIATION WITH THE EASEMENT HELD BY HOWARD COUNTY.

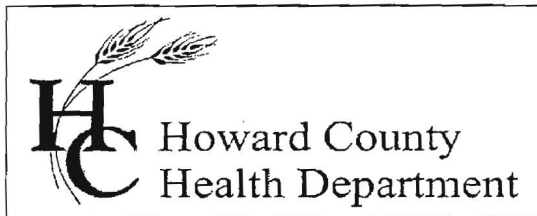
MATCHLINE SHEET 2



WAYNE MILES
KRISTIE MILES
L 10137 F 00006
ZONED: RR-DEO

G9C(B)
G9B(B)

1,321,400



Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

Main: 410-313-6300 | Fax: 410-313-6303

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

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: [HowardCoHealthDep](https://twitter.com/HowardCoHealthDep)

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

August 29, 2013

Robert Williams

c/o Jacob Hikmat, Applicant for Percolation Tests

RE: Variance request

'Greenberry'

Tax Map 28, Parcel 48

Howard County, Maryland

Dear Mr. Williams,

The Health Department submitted a variance request on your behalf for the potential development of the Parcel 48 (Howard County Tax Map 28). Consideration of the soil conditions and percolation test results, assumed groundwater flow patterns, and landscape position were some of the factors used in making our recommendation for approval.

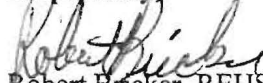
The Maryland Department of the Environment (MDE) has accepted our recommendation to approve the variance request subject to the specific conditions that are described below. The pending approval will allow for sewage disposal areas (SDAs) to be established at the current proposed locations on lots currently designated as '18', '19', '20', and '21' on SP-13-010. Should you sell your property prior to development, these requirements shall continue with the property transfer. One or more of the designated SDAs' locations are at least 200 feet distance from wells that are downgrade on neighboring properties. The wells located on Lot 21, and on Lot 24 (both in Twelve Hills Subdivision), and on Parcel 162, are downgrade of SDAs on Lots 18 and 19, Lot 20, and Lots 20 and 21 respectively.

Due to the geology, soils characteristics, and landscape position of the sewage areas in relation to the proposed wells, the proposal may be approved subject to the following conditions:

1. The sewage discharge from the residences to be built on the designated lots must be treated by best-available-technology (BAT) denitrification units. (Currently required by MDE.)
2. Low-pressure distribution design, or an approved alternative design, is to be utilized for all drainfields that will be established on the designated lots.

If you have any questions regarding this letter, you may contact me at the above address or by calling (410) 313-1771.

Respectfully,


Robert Bricker, REHS/R.S.
Well and Septic Program


Maryland Department of the Environment

COPY: Jacob Hikmat, Applicant
file