

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 535210

AGENCY REVIEW: _____

DATE 5/23/2011

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 4 TO 5 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) DEBRA TAYLOR

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS P.O. Bx 535 FULTON MD 20759-0535
STREET CITY/TOWN STATE ZIP

APPLICANT FAL Development, LLC

DAYTIME PHONE 443-367-0422 CELL _____ FAX _____

MAILING ADDRESS 5300 DORSEY HALL DRIVE SUITE 102 ELLCOTT CITY MD 21042
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME PROPOSED FULTON MANOR VALLEY LOT NO. X3

PROPERTY ADDRESS 11987 ROUTE 216 HIGHLAND
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 41 GRID 19 PARCEL(S) 78 PROPOSED LOT SIZE 45,294 SQ. FT.

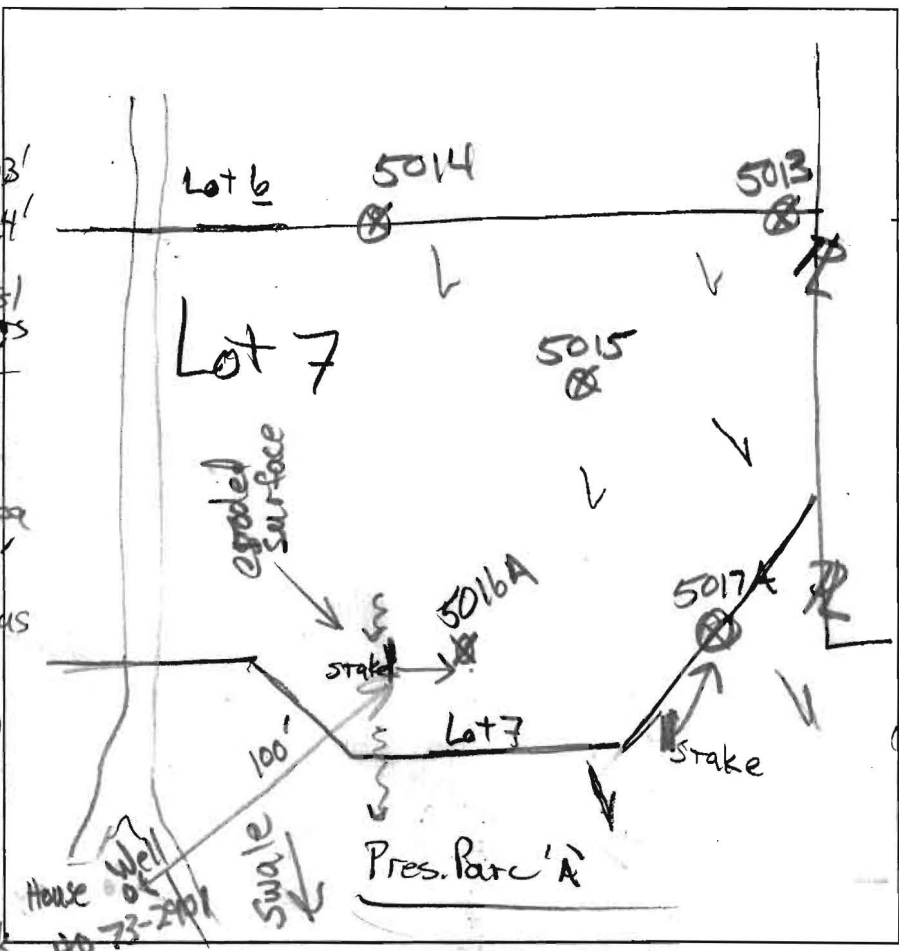
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. 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

5017A
 dk grey-brn sl
 brn sl coarse few stones
 0.3'
 1.4'
 yel-red sl dense sm
 to yel-red sl few boulders
 4'
 H. brn ls many mica few stones
 and brn red sl, many mica
 8.5'
 lt grey brn chls micaceous
 10'
 brn loam w/ mid p
 grey pale yellow red-yel & white

503
 dk grey-brn sl
 brn gl, 2msbk to brn loam sm
 4'
 yel-red sl common mica
 5.5'
 lt. brn ls few stone many mica
 w/ yellow & pale yel.
 9.5'
 red ls many mica to grey brn chls
 11.5'
 dk grey-brn chls
 13'



5016A
 dk grey-brn sl
 brn sl 2msbk many roots
 1'
 brn loam few med. roots
 3.8'
 brn-yel ls many mica few roots
 6.8'
 grey brn chls 1 fpl micaceous
 11'
 grey-brn ls w/ 1d blk & yel-red
 12'

5015
 dk grey-brn sl
 brn sl 2msbk
 0.3'
 brn st loam sm 75%
 0.8'
 4'
 yel-red sl many mica
 6'
 red & yel-red sl, many mica
 9.5'
 grey-brn chls 2 m fpl
 11.5'
 grey ls w/ 1d blk & yel-red
 12'

5014
 Same as #503 to 9'-9.5'
 9'
 brn chls few Mn coats 2 m pl
 11.5'

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2ND INCH	P/F/H
7/20/2011	5017A	10'	Visual	4'-6'	1.2	gpd/sq.ft	P
7/20/2011	5016A	11'	Visual	3.8'-6'	1.2	gpd/sq.ft	P
7/20/2011	5015	7.1/11.5'	2:29	2:34	2:43	9	P
7/20/2011	5013	11.5'	Visual	4'-6'	1.2	gpd/sq.ft.	P
7/20/11	5014	4.8'/11.5'	0	1	3	2	P

REMARKS _____
 SANITARIAN RB BACKHOE Chuck Zapp OTHERS Jeremy Rutter
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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

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

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: _____

Subdivision: FMV Lot: 7

Initial system: Application rate: 1.2 Effective area beginning depth: 4 Bottom maximum depth: 6

1st Replacement: Application rate: 1.2 Effective area beginning depth: 4 Bottom maximum depth: 6

2nd Replacement: Application rate: _____ Effective area beginning depth: _____ Bottom maximum depth: _____

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:

$\frac{W + 2}{W + 1 + 2D} \times 100 =$ 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:

$SNR = \frac{2 + 2}{2 + 1 + 2(2)} = \frac{4}{7} = \boxed{.57}$

Approved: [Signature] Date: 4/17/15

Freemon, Robert

From: John Carney <jcarney@bei-civilengineering.com>
Sent: Wednesday, January 04, 2017 3:17 PM
To: Freemon, Robert
Subject: RE: Vista Ridge Lots 11,13,17

Robert, That note sounds fine. Thanks, John

From: Freemon, Robert [<mailto:rfeemon@howardcountymd.gov>]
Sent: Wednesday, January 04, 2017 3:12 PM
To: John Carney <jcarney@bei-civilengineering.com>
Subject: Vista Ridge Lots 11,13,17

Hey John,

On the OSDS plans for Vista Ridge Lots 11, 13 & 17 (2038, 2046, 2037 Drovers Lane) I would like to red line the note: "The maximum earth cover over the tank is 3 feet. Greater earth cover will require a heavy load bearing tank". Would you be ok with this?

Robert Freemon

Howard County Health Department

8930 Stanford Blvd. Columbia, MD 21045

Well and Septic Program

Bureau of Environmental Health

Phone: 410-313-6357

Email: rfeemon@howardcountymd.gov

<https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic>