

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 537310-I

AGENCY REVIEW: _____

DATE 6-28-12

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 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) JANET MARSHALL (CHM, LLC.)

DAYTIME PHONE (410) 531-1460 CELL N/A FAX N/A

MAILING ADDRESS 5027 TEN OAKS ROAD CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT JEREMY RUTTER

DAYTIME PHONE N/A CELL (410) 982-2882 FAX N/A

MAILING ADDRESS P.O. Box 126 LISBON MARYLAND 21765
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 5027 TEN OAKS ROAD LOT NO. 10

PROPERTY ADDRESS CLARKSVILLE, MD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID 9 PARCEL(S) 45 PROPOSED LOT SIZE 1

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.

Jeremy Rutter
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

AP

42

dk brn L
brn L
brn stsl
many mica
red, yel-brn
& blk ls
many mica
red-yel
& lt grey
fls

0.8

2

10.5

12.5

40

dk brn L
brn L
brn L
brn stsl
com. mica
red & yel-brn
ls, many
mica
red, lt grey
& red-yel
ls
many mica

0.2

1

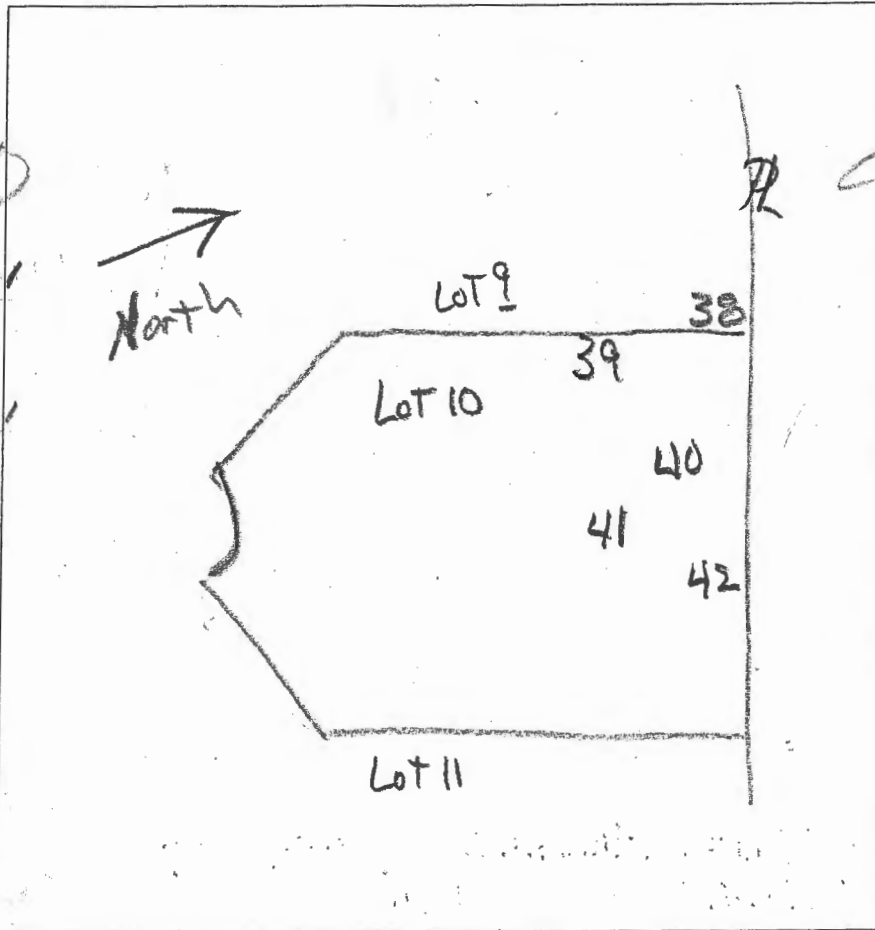
2

3

3

11.5

13



dk brn L
2 mpt
brn L
brn stsl
many mica
red & yel-brn
ls, many mica
red & yellow
ls, many mica
1 cpl

0.2

1.3

1.8

10

12

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/13/12	42	10.5	Visual		Side wall 1.2 gpd	0.8 to 1.02	6.5 P
12/13/12	41	3.5 12	0	2	5		3 P
12/13/12	40	13	Visual		Side wall 1.2 gpd	2 to 1.02	8 P

REMARKS

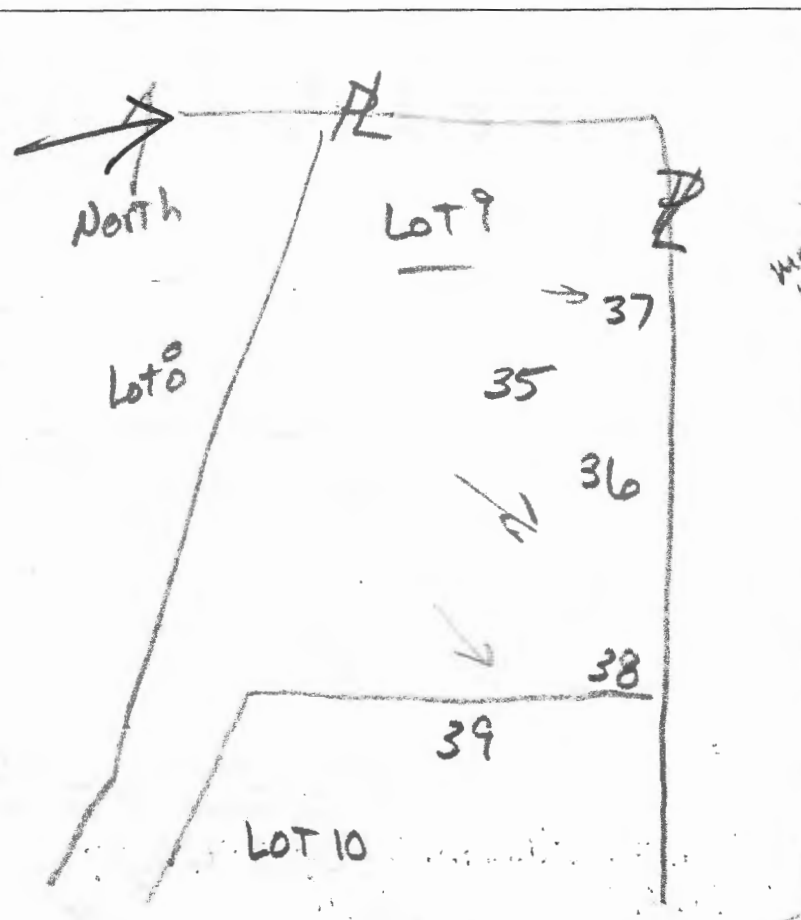
SANITARIAN R Bricker BACKHOE Chuck Zepp OTHERS Serena Rutter

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

RECEIVED
JUN 28 2012
HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH

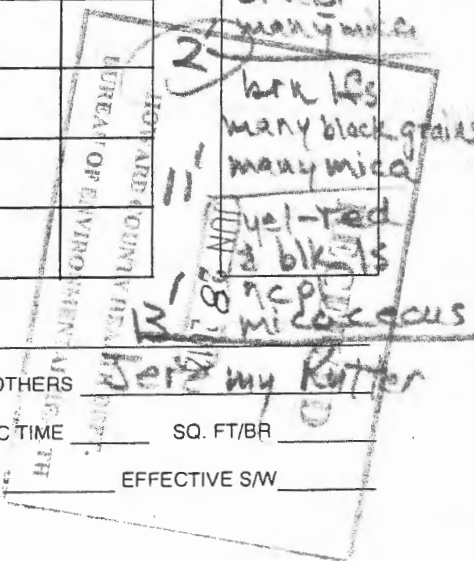
35
 dk brn L 0.3'
 brncl to brn L 1.3'
 brn sl / 1.3'
 com. mica dense
 brn & blk lfs, many mica
 red, yel-brn & blk ls many mica
 red & lg grey sils, micaeous, 11.5'
38
 dk, brn & brn L (mixed) 0.8'
 brncl 1.2'
 brn sl many mica 2.1'
 brn lfs many mica 2.2'
 red & yel-brn mzp (blk) 3.7'
 ls, many mica 16.2'
13
 brn ls many mica 2.1'
 mzcpts

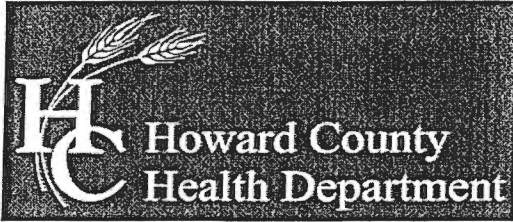


37
 dk brn 0.2'
 brn sl to brn 1.7'
 brn chl & brn chl A tar layered black coatings 3'
 brn ls blk coats micaeous
 red, yel-brn & blk ls 10'
 red & lg grey sils, blk coats 10.8'
36
 dk brn 0.4'
 brncl to brn 2.5'
 red yel-brn mzp (blk) many mica 7'
 red & lg grey ch ls, 2 cpl micaeous (muscovite) 13'
39
 dk brn to brn 1.3'
 brn sl many mica 2'
 brn lfs many black grains many mica 11'
 yel-red & blk ls 13'
 mzcpts micaeous

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/13/12	35	5' / 11.5'	0	1.5	4.5	3	P
12/13/12	37	10'	Visual		Sidewall 1.7' / 1.2' opt / opt	1.7'	P
12/13/12	36	13'	Visual		Sidewall 2.5' / 1.2' opt / opt	2.5'	P
12/13/12	38	2.5' / 15'	0	1.5	3.7	2.2	P
12/13/12	39	3.5' / 11.5'	0	1	3.2	2.2	P

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





Bureau of Environmental Health

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Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: _____

Subdivision: Gaither's Chance Lot: 10

Initial system: Application rate: 1.2 Effective area beginning depth: 2 Bottom maximum depth: 6
 1st Replacement: Application rate: 1.2 Effective area beginning depth: 2 Bottom maximum depth: 6
 2nd Replacement: Application rate: 1.2 Effective area beginning depth: 2 Bottom maximum depth: 6

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:

$$\frac{W + 2}{W + 1 + 2D} \times 100 = \text{Percent of length of standard trench where } W = \text{trench width and } D = \text{depth between effective area beginning depth and trench bottom.}$$

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 & LPD (requires Pump Tank / Chamber)

Design septic system Distribution Trenches to be as shallow as possible and still have 3 drainfields.

Approved: [Signature]

Date: 1/29/2016



P. 170
STATE OF MARYLAND
SRC PLAT NO. 46008
ZONED: RR-DEQ

ParaCarti Signed 4/2/15