



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 537870-Q

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. 18

PROPERTY ADDRESS CLARKSVILLE, MD 21029  
STREET TOWN/POST OFFICE

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

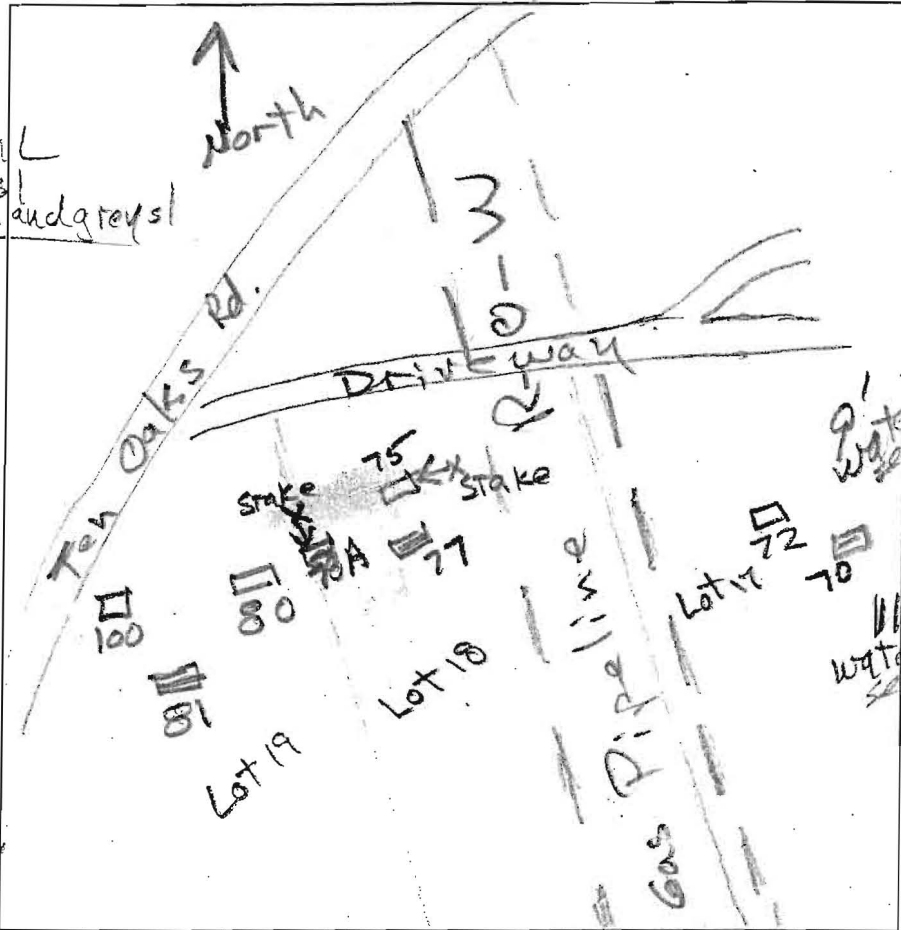
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A.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

Lots 17, 18 & 19

AVP



81

2' dk grey-brn L  
3.8' brns sl and grey sl  
5.5' red & grey  
sic  
grey, red & brn strata sil

77

dk grey-brn sl to brn sl  
m. mica

brn h mica

brn sl m. mica

grey-brn sl, mica

red & grey com. mica

grey gr sl m. mica

72

dk brn sl  
brn cl  
e. mica

yel-brn sil

brn sl mica, heavy

yel-brn & pale yellow sl  
m. mica

yel-red  
pale yel

fsl, m. mica  
impl

70

dk grey brn  
brn L

yel-brn cl

brn L

yel brn sic  
3 p (pale yel) sil

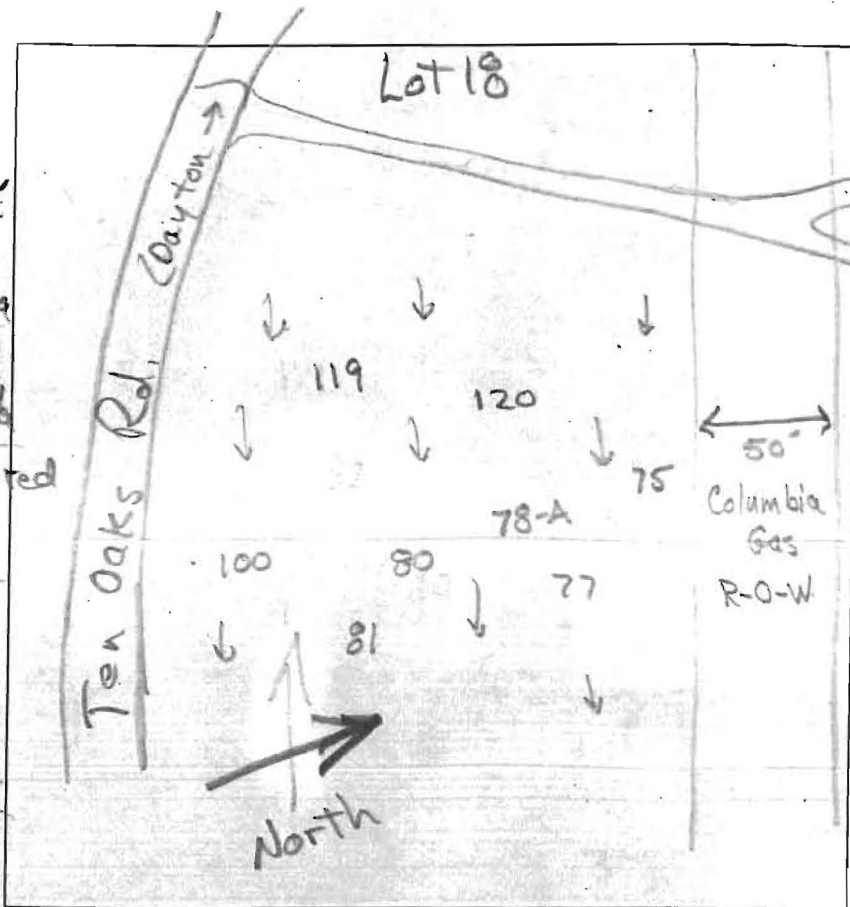
pale yel sil  
yel-red sil

water seep

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/5/13	81	5.5'	Visual		water table & texture		F
3/5/13	77	6.8'	Visual		water seeps		F
3/5/13	72	5.2' / 9'	2:26	2:30	2:42	12	P
3/5/13	70	6'	Visual		sic texture & ribbon		F

REMARKS Did not dig 71, 73, 76, 79, or 82  
 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 \_\_\_\_\_

- 119  
brn L  
7 fshk 0.2'
- 0.7  
brn L  
2 fshk  
common mica
- 1.3  
yel-brn sl  
2 impl, many mica
- 12'  
lt. grey & yel-red  
ls, Ø sg  
many mica
- 120  
dk brn L  
brn L, 2 fshk  
0.6'
- 1.5  
brn L  
2 fshk
- 4.5'  
brn sl many  
1 impl mica
- grey-brn ls, Ø m  
many mica
- 11'  
lt grey brn ls
- 12'  
Ø m, many mica



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/29/13	119	3' / 12'	2:05	2:07	2:10	3	P
5/29/13	120	3.8' / 12'	2:18	2:30	2:45	15	P
5/29/13	120	12'	Sidewall 4.5' - 8'				P
				1.2 gpd/ft <sup>2</sup>			

REMARKS Did not dig #82

SANITARIAN R Bricker 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 \_\_\_\_\_

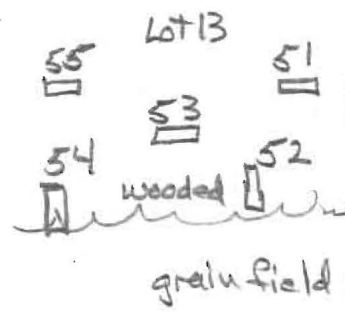


Lot 5, 20

AP

Lots 13, 5, 19 & Pros. Parcel 'A'

52 Lot 13  
 heavy brn l sck  
 ~10"  
 org yellow brn scl msbk  
 3.5'  
 yellow tan l fcbk sl  
 7'  
 supelite  
 yellow brn moist sl  
 ch



brn l sck 14"  
 yellow brn scl 20 sck 3.5'  
 brn sl micaceous 5'  
 brn fcl supelite 10'  
 H2O @ 11.5' no cave ins above 12'

Lot 12 49  
 1' brn l root mass  
 4' ch col 20 sck sticky  
 moist + micaceous sl  
 5'8" cave in brn st sl  
 11' moist H2O gray sl

boulders 11' 12' small  
 14.5' bottom cave in  
 H2O @ 11' after 45 min.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/5/13	52	6.5' / 11'	9:31	9:50	10:03	13	P
	49	7.5'	VISUAL				F
	54	3.5' / 16'	9:45	9:52	9:59	7	P
	20	6' / 11.5'	10:20	10:28	10:40	12	P
	21	6.5' / 11.5'	10:37 <sup>19</sup>	10:38 <sup>41</sup>	10:41 <sup>32</sup>	3+	P
	80	5.5' / 11.5'	11:26	11:28	11:32	4	P
	69	5.5' / 12'	2:30	2:33	2:38	5	P

Lot 8 80  
 brn l sck 1'  
 yellow brn ch scl l fcbk 3-3.5'  
 yellow brn micaceous sl 6'  
 brn micaceous fcl moist 10'  
 brn ls seep @ 11.5'  
 supelite micaceous 13.5'

H2O  
 69 Pros Parcel 'A'  
 brn l 8"  
 red brn ch scl l sck 4.5'  
 brn sl supelite  
 om fcl seep @ 10.5'  
 micaceous moist 8.5'  
 15 micaceous moist  
 H2O @ 12'

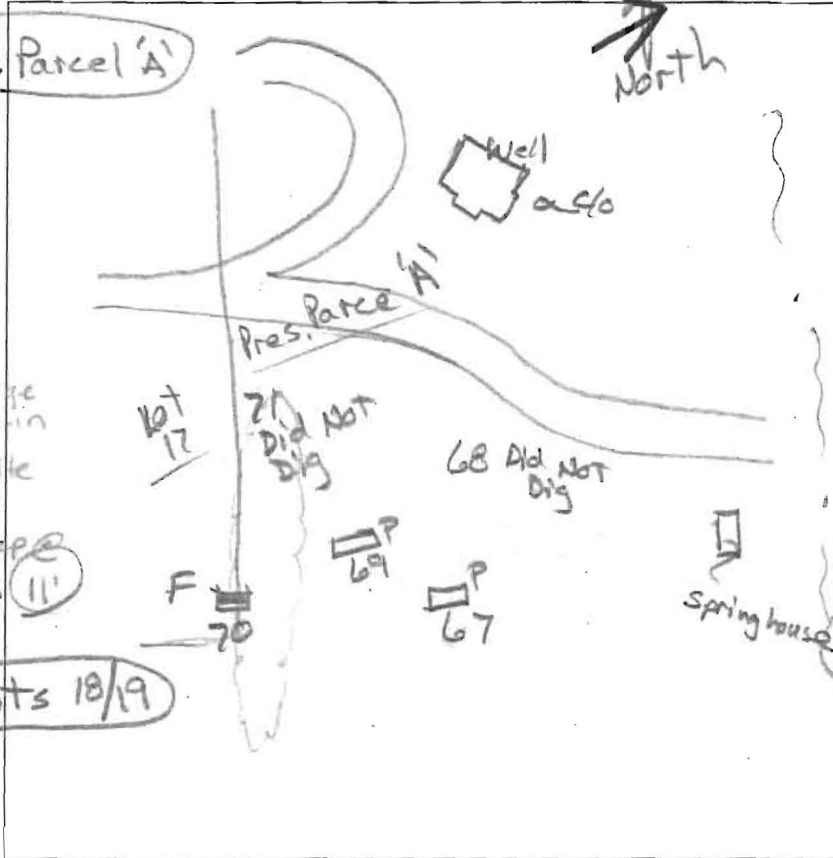
54 Lot 13  
 ~10" brn l  
 3' brn scl l sck sticky  
 yellow micaceous sl l fcbk  
 4' brn micaceous fcl  
 8' large cave in  
 moist & H2O  
 13' cave in H2O

REMARKS wet season tests - Marshall Property  
 SANITARIAN HS/RR BACKHOE Chuck OTHERS Jeremy  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

AP

67 Pres Parcel 'A'

10" 1st bk  
red brn scl loebk  
15" to rx  
4.5' brn sl saprolite  
6.5' 8.5' → large cave in  
brn sl micaceous saprolite moist  
10' gray / brn seep  
15 micaceous  
13.5' H<sub>2</sub>O



78A Lots 18/19

1' bm  
red brn scl loebk  
3' ~~red brn scl loebk~~  
7' brn sl 1st bk  
micaceous brn sl moist  
saprolite/micaceous  
10' gray wet  
11.5' seep 15

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/5/13	67	5' 11"	3:00	3:22	3:50	28	P
	78A	4' 11.5"	3:50	4:01	4:08	7	P
	69	5.5' 12"	2:30	2:33	2:38	5	P

REMARKS Wet season testing - Marshall Prop.  
 SANITARIAN HS/RB BACKHOE Chuck OTHERS Jeremy  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_