

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP S30307-B

AGENCY REVIEW: \_\_\_\_\_

DATE 2/18/09

DO NOT WRITE ABOVE THIS LINE

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) RONALD REGAN & SCOTT REGAN TRUSTEE

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 12859 ROUTE 108 HIGHLAND MD 20177  
STREET CITY/TOWN STATE ZIP

APPLICANT SAME AS OWNERS

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME REGAN PROPERTY LOT NO. 2

PROPERTY ADDRESS POINT RIDGE DRIVE  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 24 PARCEL(S) 200 PROPOSED LOT SIZE 1 AC.

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

A/P \_\_\_\_\_

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS \_\_\_\_\_

SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

AVP

54

brn l  
sblk

brn scl  
lmsbk  
10% channels

yellow brn  
lfsbk scl  
few mica

multi color  
micaceous  
fsl

moist  
dense  
massive sl

very moist H<sub>2</sub>O

56

brn l lmsbk

red brn  
lmsbk  
~~lmsbk~~

15% quartz  
boulders

brn scl  
35%  
channels  
(quartz)

massive

142

brn l  
red  
brn scl  
lmsbk  
few mica

yellow /  
red  
brn scl  
many mica

quartz  
channels  
30%

whitish brn

fsl micaceous  
saproelite

Small  
calc. in  
@ 11'

141

brn l 5'  
brn scl 13'  
brn scl  
lmsbk 2.5'

fingery  
boulders  
@ ~2.5-3'  
fsl &  
uphill side  
50% rx  
lfscl  
~65% rx

39

brn l  
red brn  
scl  
2msbk

whitish  
brn fsl  
& brn  
scl  
saproelite  
few mica

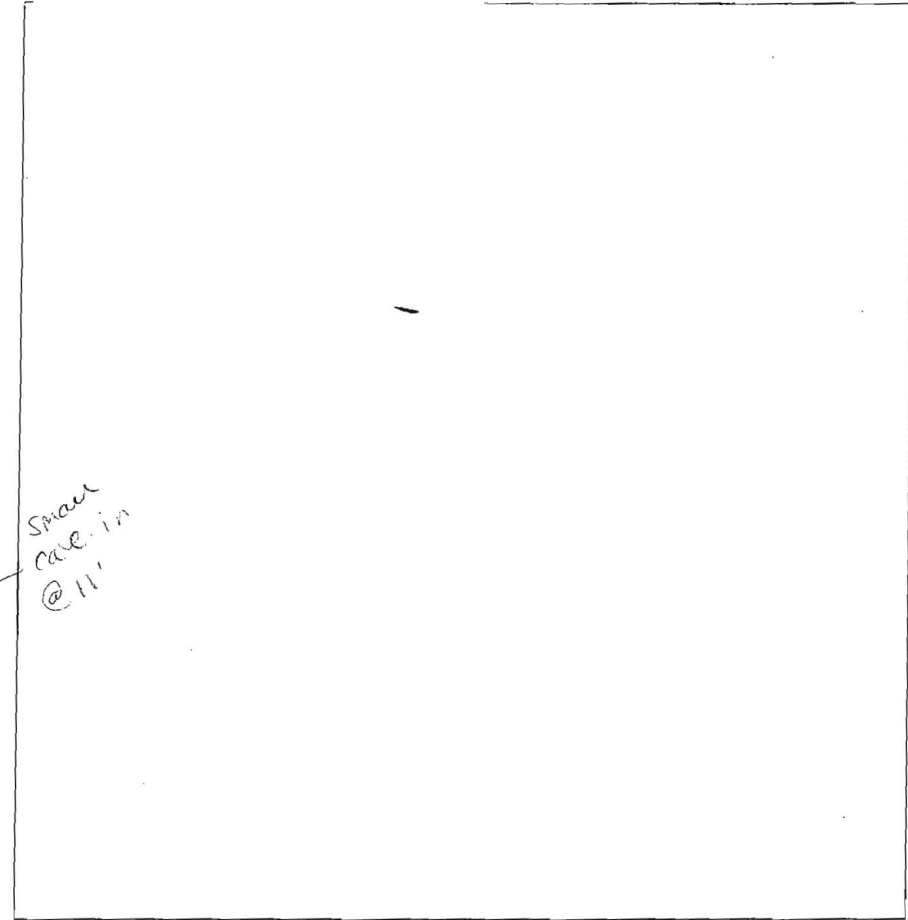
yellow brn / white  
fsl saproelite  
(decomposing  
quartz?)  
many  
mica  
10% boulders  
with  
coating  
@ 12'

30

brn scl  
2msbk

brn fsl  
few mica  
rx product  
@ 5.5'  
6'

15% blocky  
channels  
yellow brn  
fsl  
& few flimsy  
quartz boulders



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5-18-09	54	5' / 13'	10:20	too slow		-reshel	f-
	56	6' / 12'	10:43	10:40	10:51	5	P
	54	6.5' / 13'	10:40	10:50	10:59	9	P
	42	7' / 13'	11:12	11:16	11:21	5	P
	41	11.5'	visual				F
	39	5' 10" / 13'	11:41	11:42	11:44	2	P
	36	6' / 12'	12:01	12:07	12:11	4	P

REMARKS \_\_\_\_\_  
 SANITARIAN HS / BB / RB BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

A/P

48

0.2' dk brn sl  
many mica

0.9' brn sl heavy  
2msbk

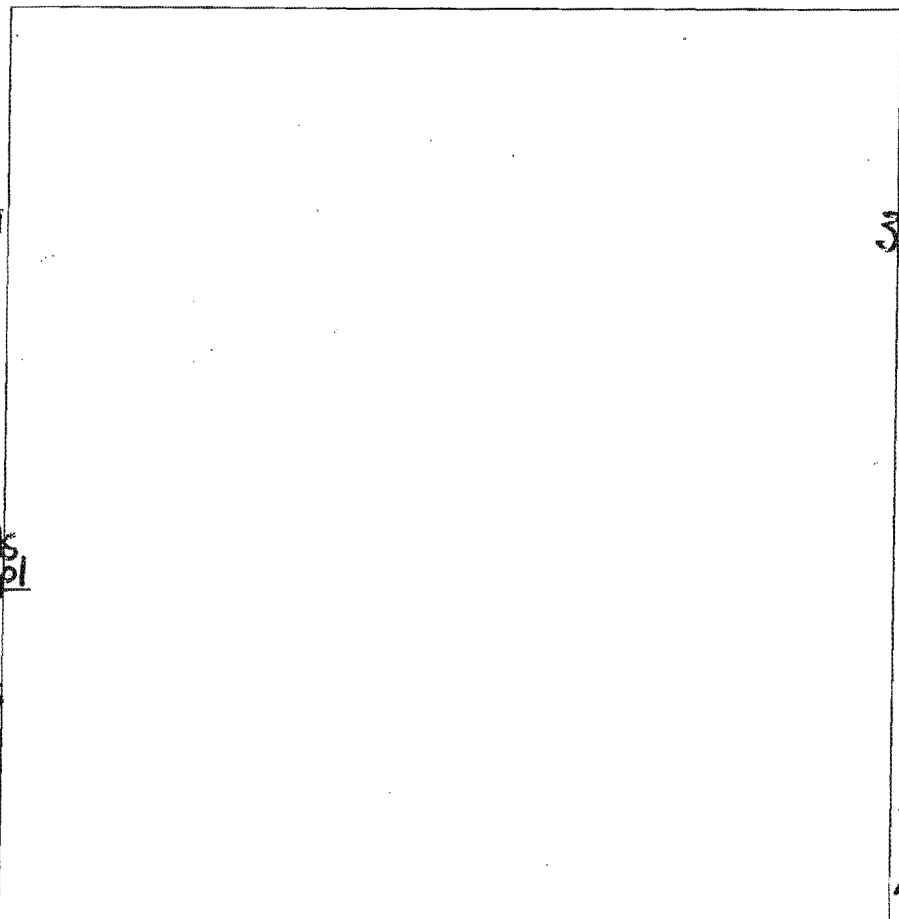
0.9' brn sl heavy  
1msbk

2' brn & lt. brn  
micaaceous  
saproelite

3.8' yellow-brn  
a brn yellow ls  
7 ppl

6.5' flaggy ls

10' lt. brn ls  
few flags



38

0.2' dk brn scl

0.4' yel-red grsl  
to red yel grsl

4' lt. brn sl  
few gravel

6' yel-red  
& white ls

12' pale brn yel  
lt. brn & white ls

13' brn yel-red  
& white ls

35

0.2' dk brn scl

0.2' brn heavy L  
yel-red msbk 3msbk

3' yel-brn heavy L

4.8' yel-red  
lt. & dk grey brn  
1 ppl

4.8' brn & pale yellow  
& brn & white ls

10' m Saproelites

12' lt. brn, white  
& pale yel ls

21

0.4' dk brn loam  
2 v. sbk & ls

1.2' brn scl  
2 f. sbk

2.3' brn loam  
heavy  
2msbk

3' brn v. stel

4' yel-red grsl  
many mica

brn heavy L  
few gravel  
w/ clay coatings  
common mica

6.5' brn, yel-red  
& dk grey  
fsl  
saproelite  
micaaceous

10.5' brn grey  
& white  
ls saproelite  
many mica

12' ↓

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/10/09	48	3.8' / 12'	0	1	3.1	2.1	P
6/10/09	38	13'	Visual	3.4' to 13'	OK	moderate ly rapid	P
6/10/09	35	5' / 12'	0	2.5	8.2	5.7	P
6/10/09	32-A	4.5' / 8'	0	0.6	repair		
repair	32-A	same	0	0.8	1.9	1.1	repair
repair	32-A	same	2.3	3.3	4.8	1.5	F
6/10/09	21	5.2' / 12'	11:43	11:58			Pulled reshelf
6/10/09	21	6.9' / 12'	12:07	12:17	12:32	15	P

32-A

0.6' 2 v. sbk  
dk brn loam

brn heavy loam  
2 f. sbk to 1msbk

2' many mica

3.4' pale yellow  
and lt. brn sl  
many mica

7' pale yellow  
& lt. brn ls

dk brn & grey  
fills  
35%  
bedded schist

#32-A is ~25 feet into easement from #32 stake

REMARKS \_\_\_\_\_

SANITARIAN RB BACKHOE Bruce OTHERS Andy

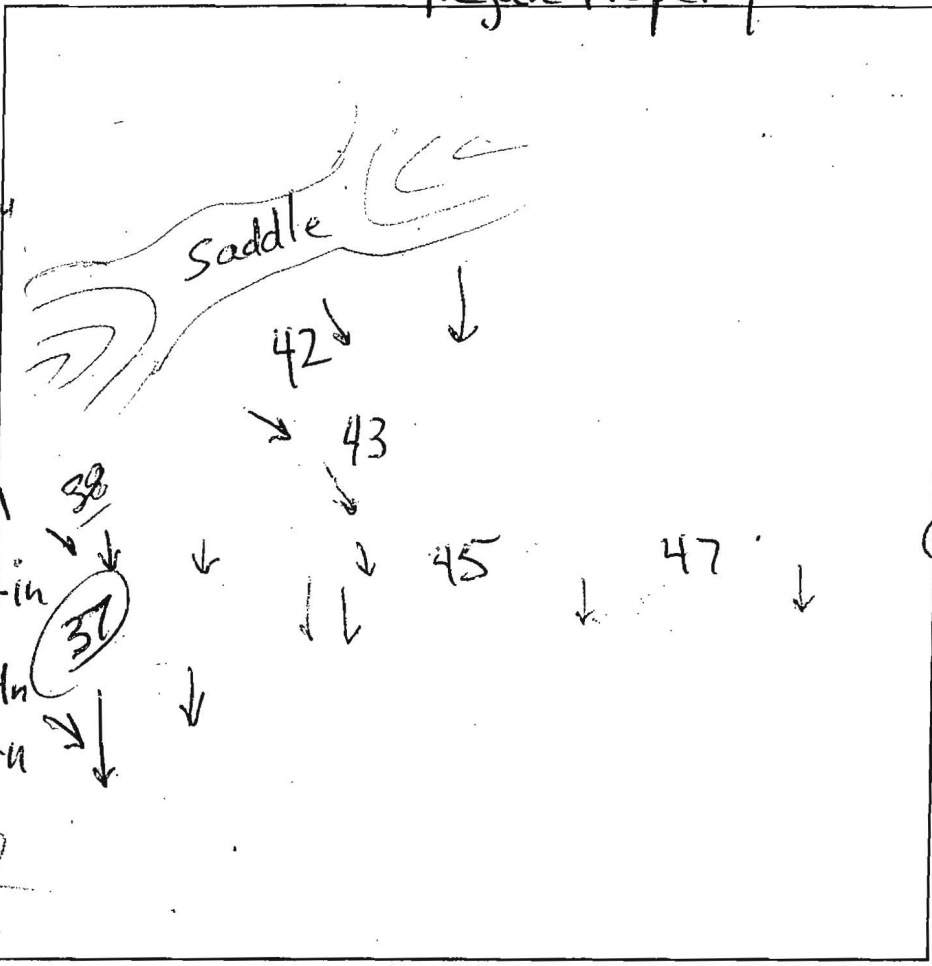
TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

# Regan Property

(43)

A/P



0.5' dk brn grs sl  
 3' brn grs sl heavy  
 brn scl  
 common mica  
 4.5' brn grs sl  
 6' variegated  
 pale yellow  
 brn & charcoal  
 sl  
 11.5' pale brn  
 w/ wld red  
 & common fine Mn  
 most  
 13.0' white, dk brn  
 & black  
 micaceous  
 saturated  
 14'

0.3' brn loam  
 com. mica  
 1.5' brn scl  
 3' yel-red sl  
 micaceous  
 heavy dense  
 4' dense  
 dk brn sl  
 micaceous  
 yel & brn  
 sl micaceous  
 10.5' dk brn w/  
 pale yellow, white  
 & wld red & com.  
 Mn  
 very moist  
 water weeping at  
 face  
 12'

45  
 0.4' dk brn grs sl  
 3' brn grs sl heavy  
 4.5' brn scl  
 com. mica  
 5.5' brn grs sl  
 7' yellow, lt brn  
 and charcoal  
 sl, micaceous  
 10' pale brn  
 w/ wld yel-red  
 & com. fine Mn  
 10' white, dk, brn  
 & black sl  
 0.5' → cave in  
 water seeps  
 br micaceous  
 saturated  
 14'

37  
 0.3' brn loam  
 common mica  
 2' yel-red sl  
 wavy  
 2' pale-yel  
 & grey sl  
 to dark brn  
 sl  
 3.5' strong brn  
 w/ blk striations  
 sl  
 4.5' brn white  
 & pale yel  
 sl micaceous  
 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/18/09	47	7.5' 11.5'	0	4.5	11.5	7	P
5/18/09	45	6.2' 10.5'	0	6.5	19	12.5	P
5/18/09	43	6.5' 10.5'	15	18	23	5	P
5/18/09	37	5.5' 12'	0	1.5	4	2.5	P

REMARKS \_\_\_\_\_

SANITARIAN pb BACKHOE Bruce OTHERS \_\_\_\_\_

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

