



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 530307-F

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. 6

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]  
SIGNATURE OF APPLICANT

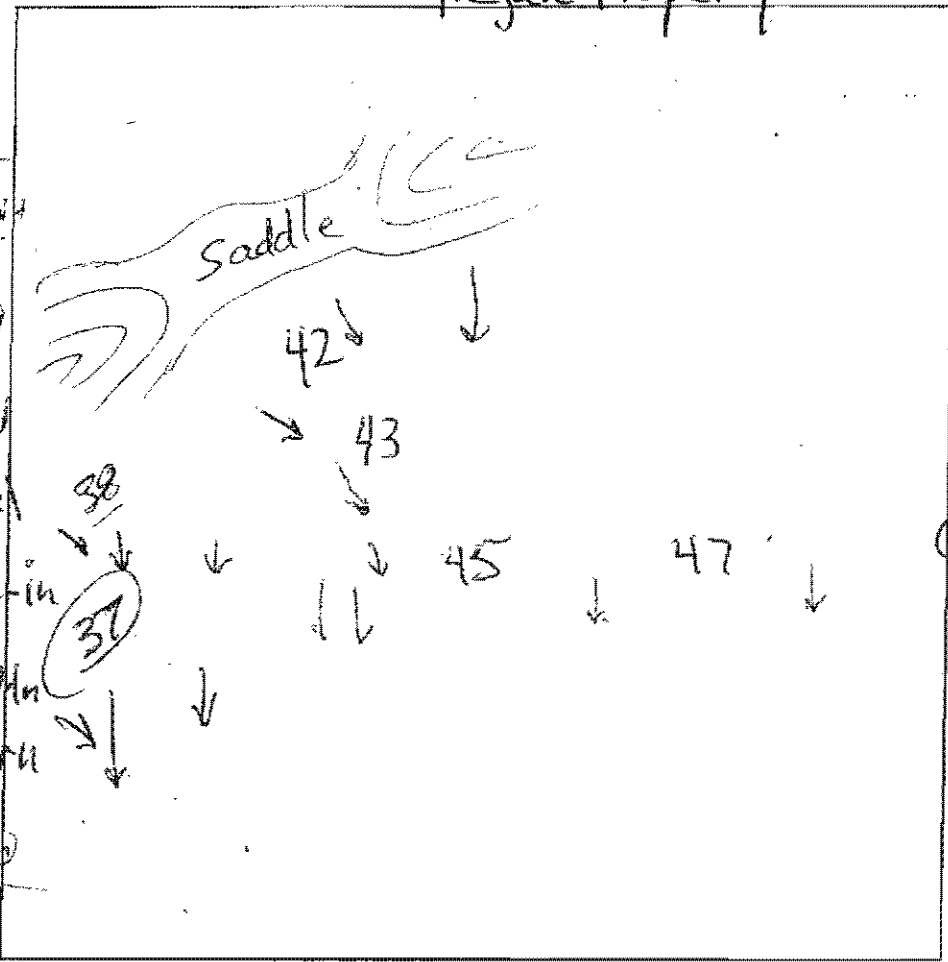
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



# Regan Property

(43)

AP



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

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

(45)  
 0.4' dk brn gr sl  
 3' brn gr sl heavy  
 3' brn scl com. mica  
 1.5' brn gr sl  
 5.5' yellow, lt brn and charcoal sl, micaceous  
 9.1' pale brn w/ mtd yel-red & com. fine Mn  
 10' white, dk, brn & black sl  
 2.5' cave in water seeps  
 14' br micaceous saturated

(37)  
 0.8' brn loam common mica  
 2.6' yel-red sl heavy  
 pale-yel & grey sl  
 to dark brn sl  
 (35) strong brn w/ blk striations  
 12' brn, white & pale yel sl micaceous

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: RB BACKHOE: Bruce OTHERS: \_\_\_\_\_

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

TRENCH WIDTH: \_\_\_\_\_ INLET DEPTH: \_\_\_\_\_ MAX. BOT DEPTH: \_\_\_\_\_ EFFECTIVE S/W: \_\_\_\_\_

AIP

54  
 1' brn l sblc  
 3.5' brn scl lmsbk 10% channels  
 6.5' yellow brn fslbk sl few mica  
 8.5-9' multi color micaceous fsl  
 13' moist dense massive sl  
 very moist H<sub>2</sub>O

small calc-in @ 11'

56  
 1' brn l lmsbk  
 red brn fslbk  
 15% quartz boulders  
 5' micaceous brn fsl 35% channels (quartz)  
 8' micaceous massive boulders @ bottom of sl ~ 10'

42  
 1' brn l red  
 4' brn scl fslbk few mica  
 yellow / red brn scl many mica  
 quartz channels 30%  
 11' whitish brn fsl micaceous separate

141  
 5' brn l  
 1.5' brn scl  
 2.5' brn scl fslbk  
 flaggy boulders @ ~2.5-3' fsl  
 uphill side 50% rx  
 v fsl ~45% rx

139  
 1' brn l sblc  
 3.5' red brn scl 2msbk  
 7' whitish brn fsl & brn scl sapo like few mica  
 yellow brn fsl sapo like (decomposing quartz?) many mica  
 10% boulders w/ thin coatings @ 12'

36  
 1' brn l sblc  
 4' brn scl 2msbk  
 5.5' brn fsl few mica rx pocket  
 6' 15% blocky channels yellow brn fsl & few flaggy 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	- rx			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 SAW \_\_\_\_\_

AP

(48)  
 0.2' dk brn sl many mica  
 0.9' brn sl heavy 2msbk  
 2' brn & lt. brn mica peccs saprolite  
 3.8' yellow-brn brn yellow ls  
 6.5' flaggy ls  
 10' lt. brn ls few flags

(38)  
 0.2' dk brn scl  
 yel-red gsc l to red yel gsc l  
 3.4' lt. brn sl  
 4' few gravel  
 yel-red & white ls  
 6' pale brn yel lt. brn & white ls  
 12' brn yel-red & white ls

(21)  
 0.4' dk brn loam 2msbk & ls  
 1.2' brn scl 2fsbk  
 2.3' brn loam heavy 2msbk  
 3' brn vstcl yel-red gsc l many mica  
 4' brn heavy L few gravel w/ clay coatings common mica  
 6.5' brn, yel-red & dk grey fs l saprolite micaceous  
 10.5' brn, grey & white ls saprolite many mica  
 12' ↓

(35)  
 0.2' dk brn scl  
 0.2' brn heavy L yel-red heavy 2msbk  
 5' yel-brn heavy L  
 5' yel-red lt. & dk grey brn  
 4.8' yel brn 1 fpl  
 4.8' brn & pale yellow ls & brn & white ls  
 10' com saprolites  
 10' lt. brn, white & pale yel ls  
 12' ↓  
 (32-A) 2msbk  
 0.6' dk brn loam  
 5.2' brn heavy loam 2fsbk to 1msbk many mica  
 2' pale yellow and lt. brn sl many mica  
 3.4' pale yellow & lt. brn ls  
 7' dk brn & grey yel ls  
 8' 35% bedded schist

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			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 Refresh
6/10/09	21	6.9' / 12'	12:07	12:17	12:32	15	P

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

P \_\_\_\_\_

44  
 2.5'  
 6'  
 12'

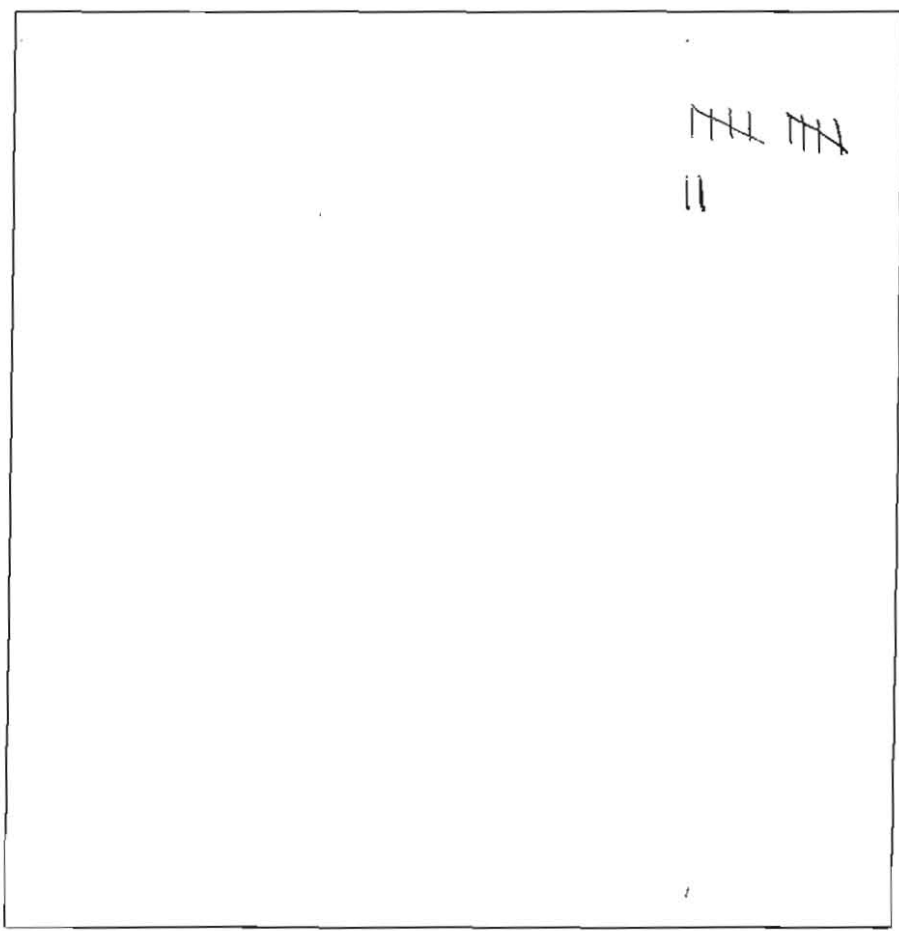
brn l / fsbk  
 brn scl / msbk  
 brn scl  
 brn fsl micaceous saprolite  
 ↓  
 brn v fsl

34  
 6"  
 3'  
 17'

brn l  
 brn scl / 2msbk  
 brn scl  
 ↓  
 brn scl micaceous saprolite  
 ↓

29  
 1'  
 5'  
 7'  
 10.5'

brn l / fsbk  
 brn scl / lcsbk  
 brn chsl quartz channers  
 ↓  
 large ex'm sidewalk on west side  
 brn chsl  
 10% boulders  
 HB



31  
 5.5'  
 ~9'  
 12'

brn l / fsbk  
 brn scl / lcsbk  
 brn scl micaceous saprolite  
 ↓  
 brn v fsl 20% channers

19  
 8"  
 4'  
 12'

brn l / fsbk  
 red brn chsl / msbk  
 ch brn scl  
 few boulders  
 brn fsl  
 ch 15% flaggy boulders

6"  
 4.5'  
 7'

brn l  
 red brn scl / msbk  
 red brn scl / saprolite  
 red brn fsl micaceous saprolite

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6-10-09	44	4.9' / 12'	10:24	10:25	10:27	2	P
	34	5.5' / 12'	10:42	10:45	10:50	5	P
	29	10.5	visual				F
	31	5.5' / 12'	11:04	11:05	11:07	2	P
	19	5.5' / 12'	11:52	11:53	11:56	3	P
	61A	4.8' / 13'	1:42	1:43	1:45	2	P

REMARKS \_\_\_\_\_

SANITARIAN HS/DR/DR BACKHOE Aut OTHERS \_\_\_\_\_

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

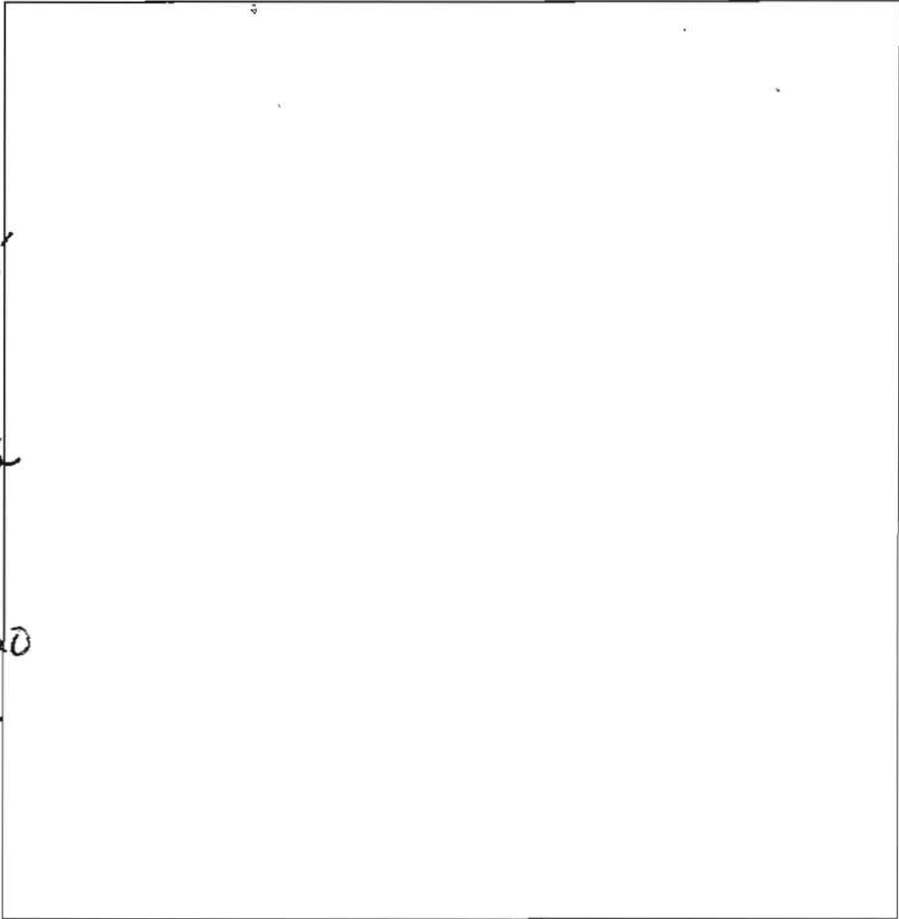
TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Regamp-169

AP  
P-55  
SBK Gray 0.8  
Rd Brn  
Sh  
Small Boulders 5/2  
Rock Sm Boulders Pocket  
Sh Red Brn  
much  
HAD SCRAPING  
Rect Brn  
SL (WET)  
much  
14'

P-61  
SBK Gray 0.5  
SCL Rd Brn  
↓  
5  
SL  
Rd Brn  
↓  
graduation  
Rock Refusal  
9'

P-40  
SBK Gray 1.8  
Brn Gray  
much  
FSL  
↓  
Large Boulders  
FSL  
Rd Brn  
Gry  
↓  
14'



SBK med  
~~0.5~~  
SCL Rd Brn 2  
Traces of Rock  
Pocket of  
Rocks  
↑  
Sh  
↓  
Small Rock 3  
P-17  
SBK Gry - 0.5  
SCL Rd Brn  
Sh Rd Brn  
more than  
50% Rock 7 1/2  
Rock  
Large Boulders  
Refusal  
@ 8' - 7.9  
↓ - 8'

P-26  
SBK 2 m  
Gry Brn = 1'  
Brn Sh  
shist 3'  
↓  
Large Boulders - 6'  
Pocket  
Brn, Gry  
SL  
↓  
Large Boulders  
- 14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
5-18	P55	14	10:27	10:47	10:50	3m	P	
5-18	P61	14	Visual	1.8	Poured Hole in and P-55	3.7	P	
5-18	P40	14	11:35	11:37	11:40	3m	P	
5-18	P26	14	12:35	12:39	12:44	5m	P	
5-18	P-17	7.5	Refusal	@	7.9		F	
5-18	P69	6'	136	2:49	2:51	2:55	4m	P
5-18	P-16							

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