



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

CRIP 529566-H

AGENCY REVIEW: _____

DATE 9/15/08

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 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) GEORGE BOARMAN & TERESA BOARMAN

DAYTIME PHONE 3018542883 CELL 410 707 1976 FAX 301-854-0435

MAILING ADDRESS 12126 MARYLAND ROUTE 216 FULTON MARYLAND 20759
STREET CITY/TOWN STATE ZIP

APPLICANT GEORGE BOARMAN

DAYTIME PHONE 3018542883 CELL 410 707 1976 FAX 301-854-0435

MAILING ADDRESS 12126 MARYLAND ROUTE 216 FULTON MARYLAND 20759
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME EAST SIDE OF MARYLAND ROUTE 32 OPPOSITE BURNWOODS ROAD LOT NO. 8

PROPERTY ADDRESS ANDREA DRIVE WEST FRIENDSHIP
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 22 GRID 8 PARCEL(S) 116 PROPOSED LOT SIZE 10000⁰¹

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. George L Boorman
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 _____

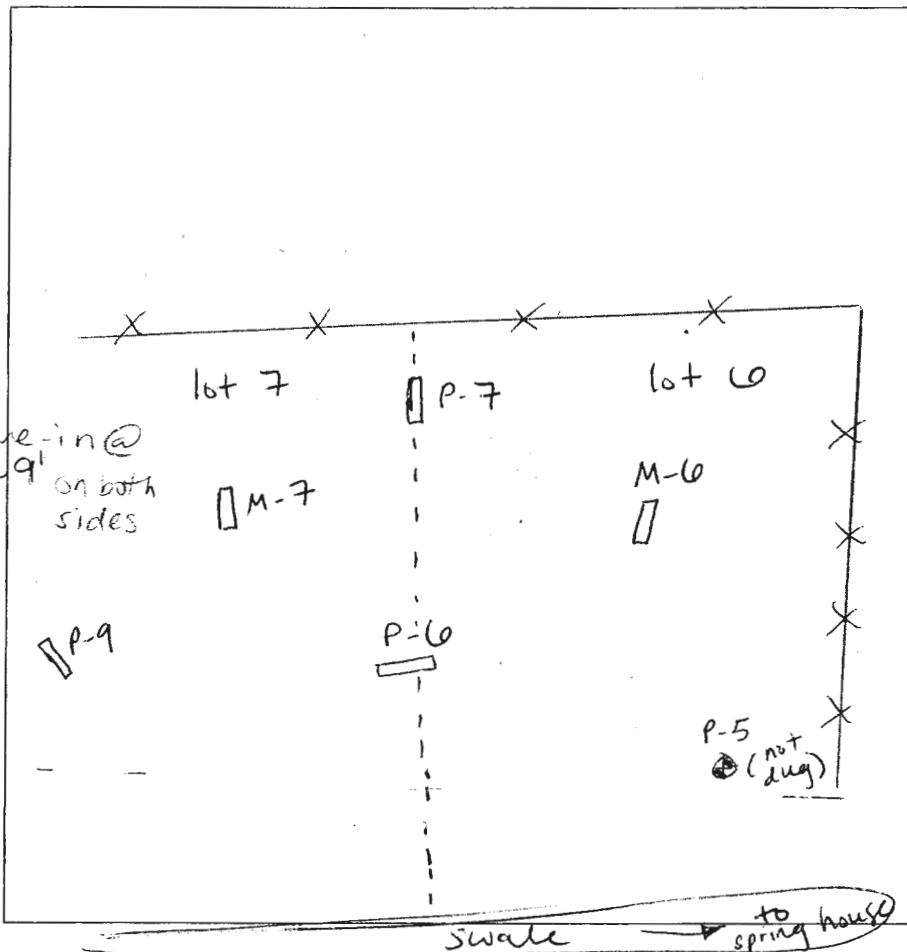
NOT TO SCALE

AP

M6
 1' brn grl
 brn scl
 2 fsk
 many mica
 3'
 brn fsk
 1 fsk
 micaceous
 ↓ Saprolite
 10.9' seepage plate
 12.5' brn fsk
 Mn deposits
 micaceous

P6
 1' brn l
 2 fsk
 brn gr
 1 fsk
 many mica
 3'
 yellow brn
 fsk
 micaceous
 Saprolite
 ↓ Mn+Fe coatings
 @ 6.5'
 10' platy mica
 Saprolite
 13' fsk

P7
 5' brn grl
 org brn
 scl many
 1 fsk mica
 2.2' yellow brn
 fsk
 micaceous
 Saprolite
 ↓ very micaceous
 fsk Saprolite
 Mn deposits
 Mn coatings
 starting @ 11'



M7
 1' brn l sbk
 org brn
 scl
 many mica
 1 fsk
 3.2' org brn
 micaceous
 fsk 10%
 ↓ channels
 9' platy schist
 yellow
 fsk / 5% quartz
 micaceous
 Saprolite boulders
 13.5'

P9
 brn l
 2 fsk
 org brn
 scl 1 fsk
 3.7' brn fsk
 micaceous
 Saprolite
 ↓
 brn fsk Mn+Fe
 coatings
 20% channels
 seepage @ 11'
 water mica
 H2O
 13'

M9
 brn gr
 sbk 10"
 brn scl
 2 fsk
 brn
 2' silty
 micaceous
 ↓
 et tan
 Saprolite
 platy
 schist
 Mn coatings
 11'
 13.5'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
4-23-09	M6	5.5' / 12.5'	9:11	too slow	-	resheff	-	
	M6		not tested					F
	P6	5' / 13'	9:14	9:17	9:21	4	P	
	P7	5' / 12'	9:31	9:37	9:44	7	P	
	M7	5.2' / 13.5'	9:33	9:38	9:48	10	P	
	P9	5.5' / 13'	9:50	9:53	9:56	3	P	
	M9	5' / 13.5'	10:01	10:03	10:05	2	P	
	P14							
			↑ accidentally dug, profile done					

REMARKS P-5 not dug due to site conditions / swale & failure of M-6

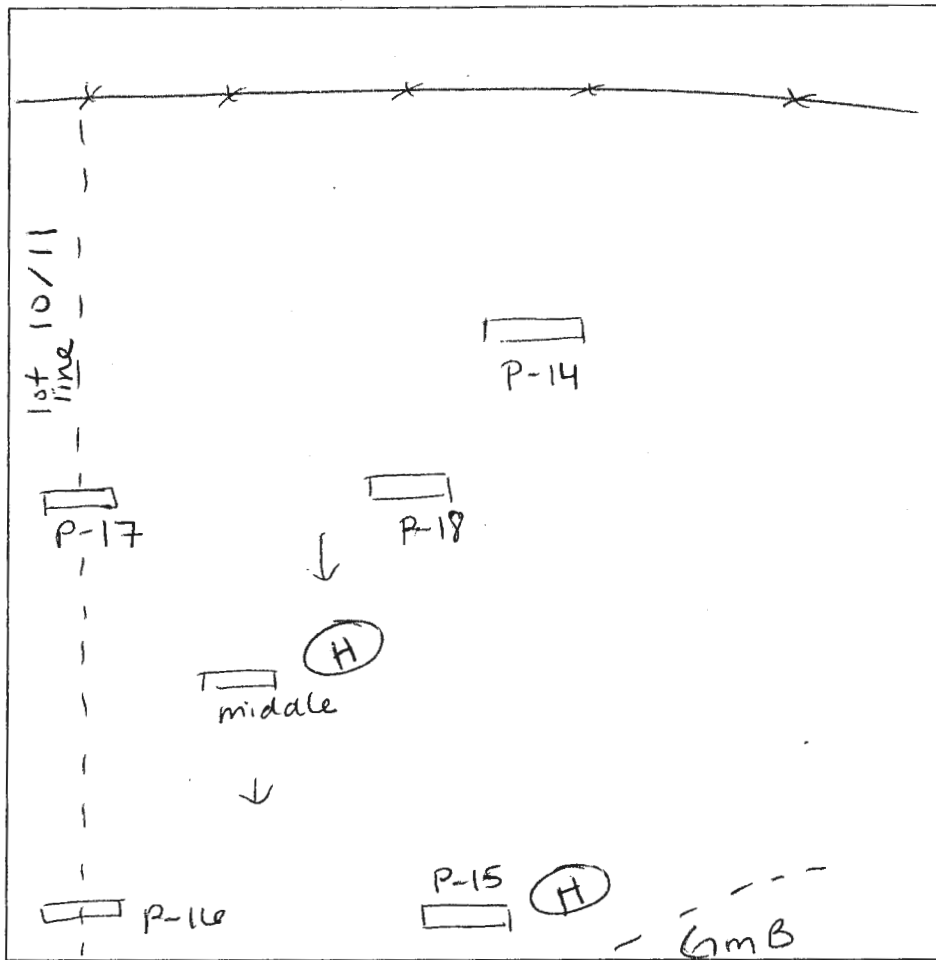
SANITARIAN HS BACKHOE Fogles OTHERS B. Shooley / G. Boorman

TEST HOLES USED IN SDA _____ AVG. PERC TIME 15 SQ. FT/BR _____

TRENCH WIDTH 3' INLET DEPTH 3' MAX. BOT DEPTH 6.5' EFFECTIVE SW 1.5' - 2.5'

AVP _____

1.2' P-18
brn l sbk
org brn sl 2 fsbk
2' brn sil micaceous saprolite
↓
ls saprolite 10% rx
↓
13' P-17
1' lt brn l
red brn cl 2 csbk 15% chert
2' red brn sl many mica
3.5' reddish brn sil & many mica saprolite
11' brn sl / ls
13' Mn+Fe deposit + S
P-14
5' brn l sbk
brn scl 2 csbk 15% chert
2.2' yellow brn micaceous sil &
↓
brn ls platy saprolite 5% quartz boulders
12'



middle hole
brn l sbk 1'
org brn sl 1 fsbk 3.5'
brn sil micaceous saprolite
↓
grays / moist Mn+Fe deposits / coatings
13' P-15
brn l sbk .5'
org / red brn scl 1 fsbk 3'
brn sl moist Fe+Mn deposits @ 6'
bright orange & grays very moist 12.5'
P-16
brn l 1'
org / red brn scl 2 csbk coarse chert 2.3'
yellow brn sil & micaceous 10'
brn v sil saprolite micaceous 15% rx fluggy boulders 13.5'
11'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10-21-08	P18	4.6' / 13'	10:44	10:45	10:46 ¹⁴	2	P
	P-17	4.8' / 13'	10:55	10:58	11:01	3	P
	P14	4.5' / 12'	11:03	11:05	11:09	4	P
	M-10 middle	13'	visual				H
	P15	12.5'	visual (H) *				H
	P16	4' / 13.5'	11:25	11:26	too fast / repair		
	P16	4' / 13.5'	11:27	11:28 ²⁰	11:30 ¹⁰	2	P

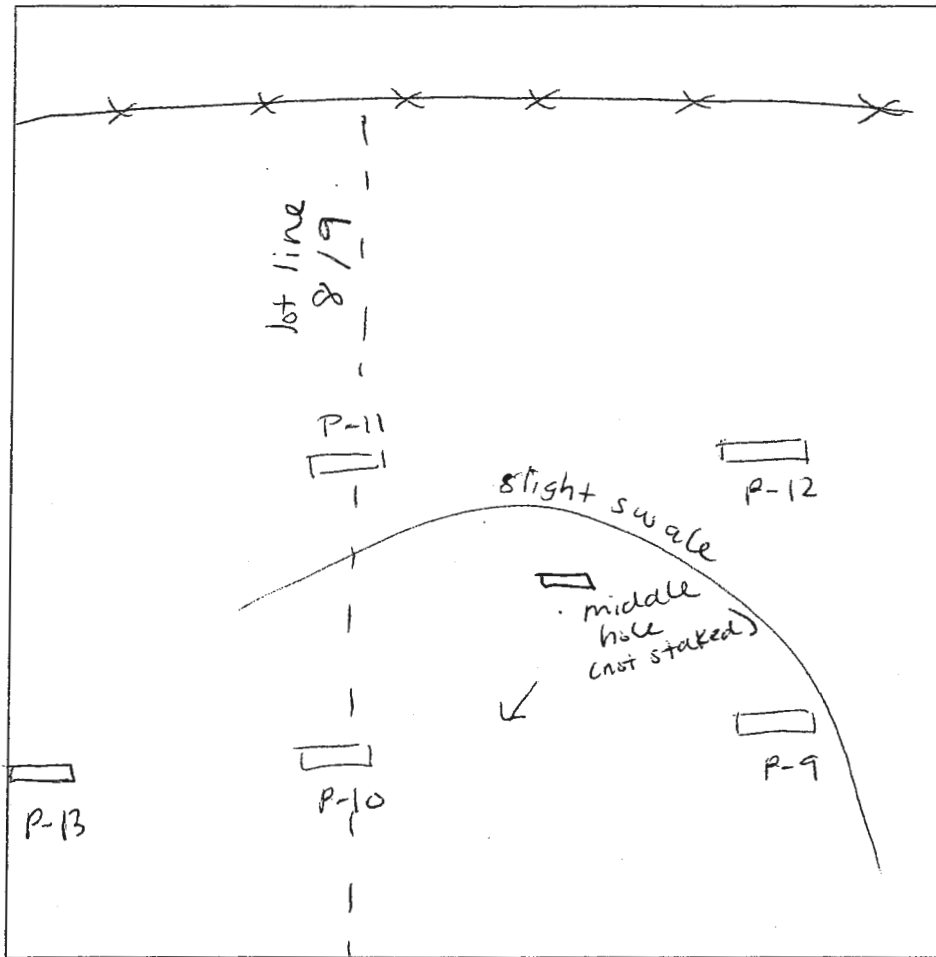
REMARKS ^{+ P15} middle hole for lot 10 HOLD for wet season
 SANITARIAN HS BACKHOE Jake OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

A/P

P-12
 1' brn l
 brn scl
 1fsbk 15%
 chert
 2.5' brn sil
 Saprolite
 ↓
 brn v fsl
 micaceous
 saprolite
 9' lt brn v fsl
 20% weakly
 cemented rx
 Mn deposits
 12.5'

P-9
 .5' brn l
 org brn
 scl 15% rx
 2fsbk
 3' lt brn
 micaceous
 sil
 ↓
 brn v fsl
 Saprolite
 10.2' Fet/Mn
 deposits /
 grays
 moist
 14'

P-10
 .4' brn l
 sbk
 org brn
 scl lfsbk
 1.5' org brn
 sil few
 mica
 3.5' stry brn
 sil
 micaceous
 Saprolite
 9' brn v fsl
 10% rx
 Saprolite
 12'



P-11
 lt brn l
 sbk .5'
 org brn
 scl few
 mica 3'
 yellow brn
 sil micaceous
 Saprolite
 ↓
 brn sil 10.5'
 brn l s
 micaceous
 Saprolite 13.5'
 middle hole
 .5' brn l .5'
 org/red
 brn scl
 lfsbk 3'
 brn sil 4.5'
 brn sil /
 sil
 ↓
 brn v fsl
 Saprolite
 15% rx
 moist 13.8'
 grays
P-13
 brn lsbk .5'
 brn sil
 micaceous
 Saprolite
 ↓
 10% weakly
 cemented rx
 Mn deposits 9'
 yellow
 brn sil
 micaceous
 Saprolite 13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10-21-08	P12	4.6' / 12.5'	9:52	9:56	9:59	3	P
	P9	5' / 14'	9:58	10:04	10:10	6	P/H
	P10	4.5' / 12'	10:09	10:11	10:17	6	P
	P11	4.8' / 13.5'	10:19	10:23	10:26	3	P
	M-8 middle	13.8'					P
	P13	4.4' / 13'	10:34	10:38	10:43	5	P

REMARKS observation hole during wet season needed at or near P-9

SANITARIAN HS BACKHOE Jake OTHERS George Boorman

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

