

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AVP 529566-E

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. 5

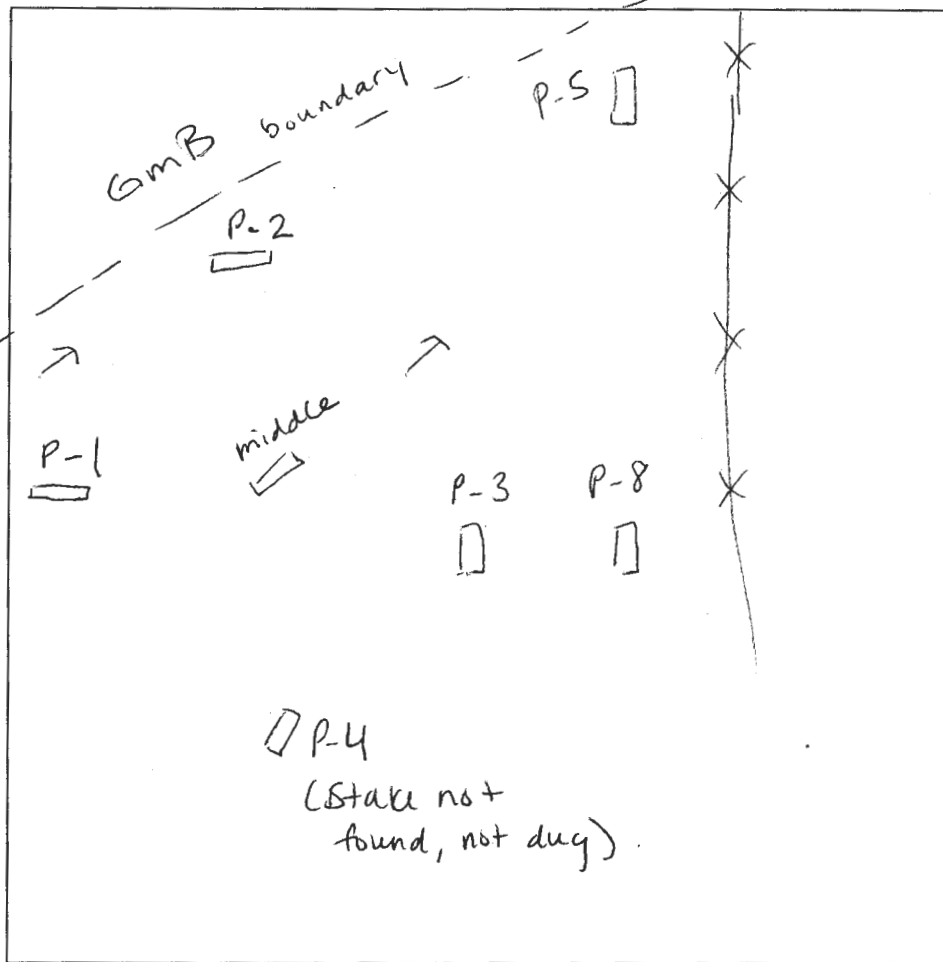
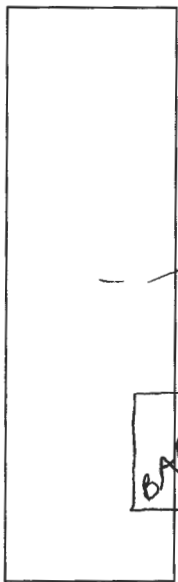
PROPERTY ADDRESS ANDREA DRIVE WEST FRIENDSHIP
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 22 GRID 8 PARCEL(S) 116 PROPOSED LOT SIZE 45992 ^{sq ft}

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



P8
 dk brn l 1'
 red/org brn scl 1csbk 2.5'
 stry brn v fsl micaceous Saprolite 5% quartz boulders ~8'
 ↓
 brn v fsl 20% chert Saprolite 12.5'

P3
 Same as P-8

P-1
 brn l sbk 1.2'
 org brn scl 20% coarse chert 4'
 yellow brn scl 3csbk Saprolite many mica v fsl 10'
 Fe + Mn depletions 25% chert flaggy boulders @ 12'

P-4
 (Stake not found, not dug)

P2
 1' dk brn l sbk
 yellowish brn scl 2csbk
 2' yellow brn fsl Saprolite few boulders 20% chert & cobble
 ↓
 brn v fsl Fe + Mn coatings moist
 12'
 middle
 1' dk brn l sbk
 2.5' brn scl 1fsbk
 stry brn v fsl micaceous Saprolite
 ↓
 brn fsl 15% rx
 13' ↓

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10-22-08	P2	5.5' / 12'	10:35	10:48	11:00	12	P/H
	P5	5.8' / 12'	10:45	10:53	11:10	17	P/H
	middle	13'	visual				P
	P8	5.5' / 12.5'	11:05	11:07	11:13	6	P
	P3	12'	visual				P
	P1	4.9' / 12'	11:30	11:37	11:53	16	P

REMARKS P-5 + P-2 needs observation hole during wet season
 SANITARIAN HS BACKHOE Fogles OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

NOT TO SCALE

APV

M6

1' brn gcl

brn scl
2 f sbk
many mica

3' brn fsl
1 f sbk
micaceous

↓
supersite

10.9' seepage
platy mica
in section

2.5' brn fsl
Fe deposits
micaceous

P6

1' brn l
2 f sbk

brn gr
scl
1 f sbk
many mica

3' yellow brn
fsl
micaceous
supersite

↓
Mn+Fe
coatings
@ 6.5'

10' platy mica
supersite
fsl

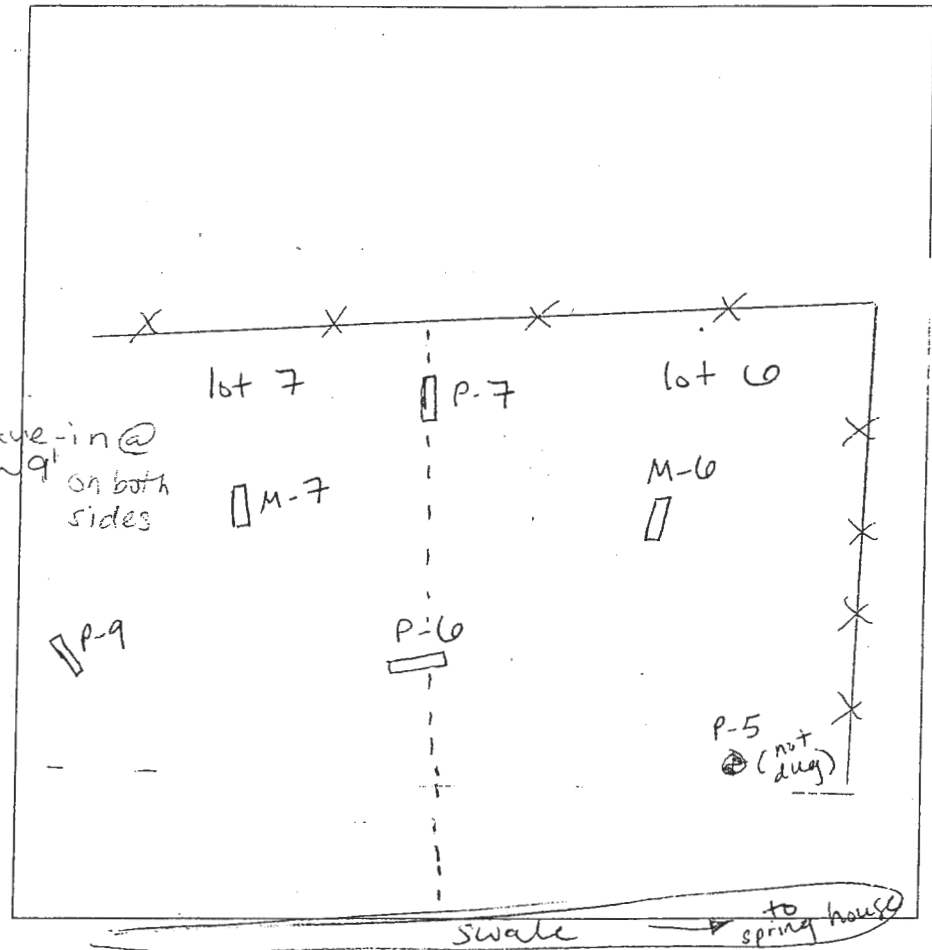
P7

5' brn gcl

org brn
scl
many
micaceous mica

yellow brn
fsl
micaceous
supersite

↓
very micaceous
fsl
supersite
platy
Fe deposits
Mn coatings
starting @ 6'



M7

1' brn l sbk

org brn
scl
many mica
fsl sbk

3' org brn
micaceous
fsl 10%
↓
chemos

9' platy schist
yellow
fsl / 5% quartz
micaceous
supersite 13.5'

P9

brn l
2 f sbk

org brn
scl
fsl sbk

3' brn fsl
micaceous
supersite

↓
brn fsl
Mn+Fe
coatings
20% chance
seepage @ 11'
platy mica
H2O 13'

M9

brn l gr
scl

brn scl
2 f sbk

brn
scl / platy
micaceous

↓
at tan
vblc
sepiolite
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	-	reshelf	-	
	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 in 1988							

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

SANITARIAN HS BACKHOE Foyles OTHERS B Sheesley / G Boardman

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'

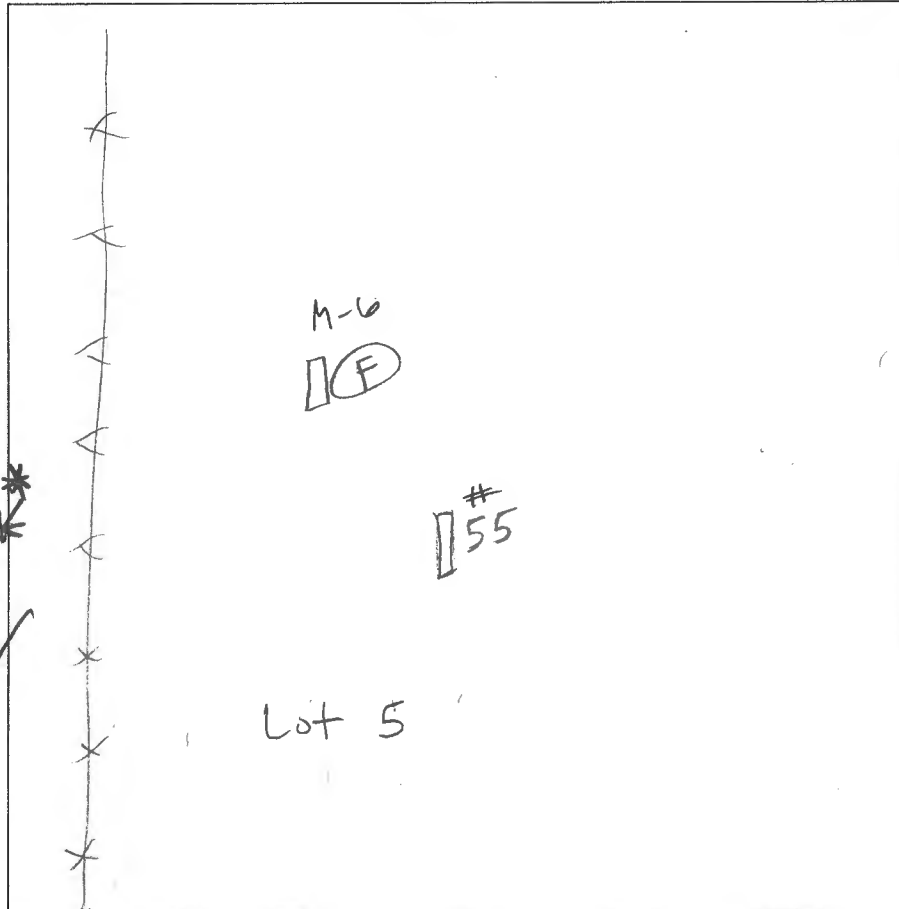
A/P

1' 55
 brn l
 1 fsk
 reddish brn
 scl 2 fsk
 3' red brn scl
 4.5' brn fsl
 micaceous
 saprolite
 Cavein @ 11.5'
 moist @ 10'
 10% quartz
 stones Mn
 coatings
 brn fsl H₂O ✓

4.2A
 .5' dry brn l
 reddish
 brn ch scl
 ↓
 5.5' yellow/red
 brn fsl
 saprolite
 micaceous
 30% channels
 1 cpl
 9' chsl &
 Saprolite
 13'

50
 1' brn l
 1 msbk
 reddish
 brn
 ch scl
 ↓ msbk
 4' yellowish
 brn scl
 ↓
 6' moist
 massive
 Mn coatings
 w/ mottles
 13'

± Fe enrichments
 H₂O @ 12'



53
 brn l 6'
 reddish
 brn scl
 wet 4'
 ↓
 moist 8'
 brn scl
 micaceous
 saprolite
 platy schist
 w/ Mn coatings
 wet / mottles 10'
 H₂O

52
 red brn l 8"
 reddish
 brn scl
 1 fsk 4.5'
 yellowish
 red brn
 scl w/ Mn
 enrichments
 moist @ 7' rale in @ 9.5'
 w/ mottles cl
 massive
 wet @ 9' chsl
 white / mottled clay
 H₂O fast

51
 red brn
 scl 25%
 channels
 1 cpl
 6'
 orange/yellow
 brn cl
 Mn coatings
 moist 8'
 se red brn
 wet
 cl mottles
 H₂O @ 13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7-14-09	55	5' / 14'	9:33	to slow	-	reshelf -	
		7' / 14'	9:49	10:03	10:17	14	P
	42A	6' / 13'	10:38	10:46	10:57	11	P
	50	6.5' / 13'	11:17	too slow			F
	53	11.5'	visual				F
	52	13'	visual				F
	51	14'	visual				F
	54	not	dug				
	not fraced	56	13'	visual			F

REMARKS holes dug per stages except for "56" bottom 14' H₂O @ 13'

SANITARIAN HB BACKHOE Jake OTHERS Jordan (Fogles)

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

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

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1/1/2011

MATCH LINE SEE SHEET 1

