

AVP

**683-A**

1' brn loam

1' yel-brn scl

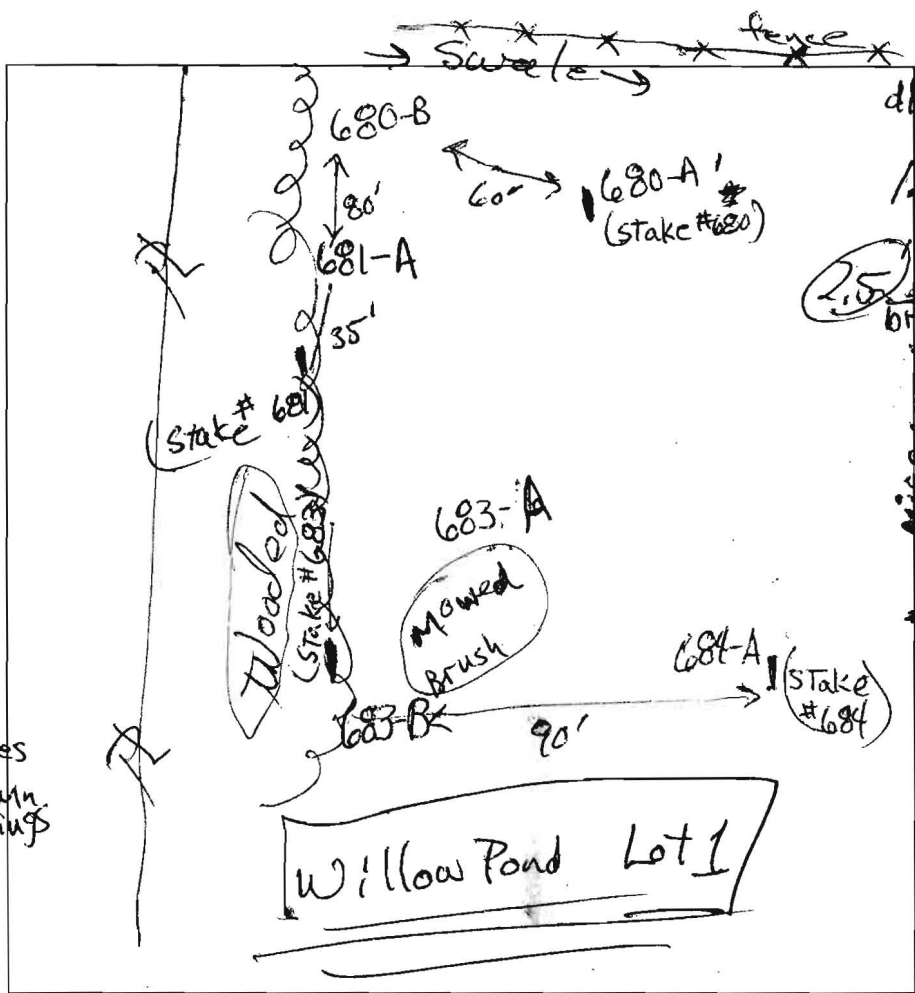
2' msbk

4' yel-brn sl

6' black sl w/ many med white sand

10' dk grey w/ pale yellow & white moist, few stones

11' Fe & Mn coatings



**684-A**

dk hrn brn cl

to yel-brn cl

2' msbk

1.4 yel-red cl

many fine mica

2.5 bitn to yel-red sl w/ common white & many blk sand

2.0 yel-red sl & dk grey w/ pale micaceous sand

1.1 brn-red sl many dk grey sand

2.2 blue-grey & yel-red

1.1 moist

1.1 #1

**680**

0.2 dk brn loam

brn scl, 2msbk

1' yel-red heavy spl

3' yel-red & pale yel w/ grey sand & many mica

8' white & lt grey chls

2epl

10' pale yellow & grey chls

10.2 R

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/20/09	684-A	4' 6" / 9'	11:38	11:42	11:58	8	P
10/20/09	681-A	4' / 10'	12:16	12:17	12:20	3	P
10/20/09	680-A	5' 8" / 10'	12:50:30	12:52	12:55	3	P

**681-A**

dk brn loam

to brn cl

1' yel-red cl

common mica

3' brn-grey sl w/ yellow & yel-red striations

alternating layers

10' 1 mpl

charcoal grey ls w/ white sand grains

11' dk brn (Mn) coatings & yel-red (Fe)

REMARKS #684-A; 10', AW.G=9'

SANITARIAN RB/HS BACKHOE Grey Coffman OTHERS Rick Minor Wayne Green Field

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

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

3.00

A/P

4' 696  
brn l  
brn scl  
msbk

2' yellow brn  
fsl

4' yellow  
brn v fsl  
↓

6.5' brn  
fsl  
saponite  
mica  
mica  
brn ls 20%  
rx

9' HB

11' 695  
dk brn l  
yellow brn  
scl msbk

3-3.5' yellow  
brn scl

5' brn fsl  
saponite  
micaceous

7' yellow brn  
fsl v fsl

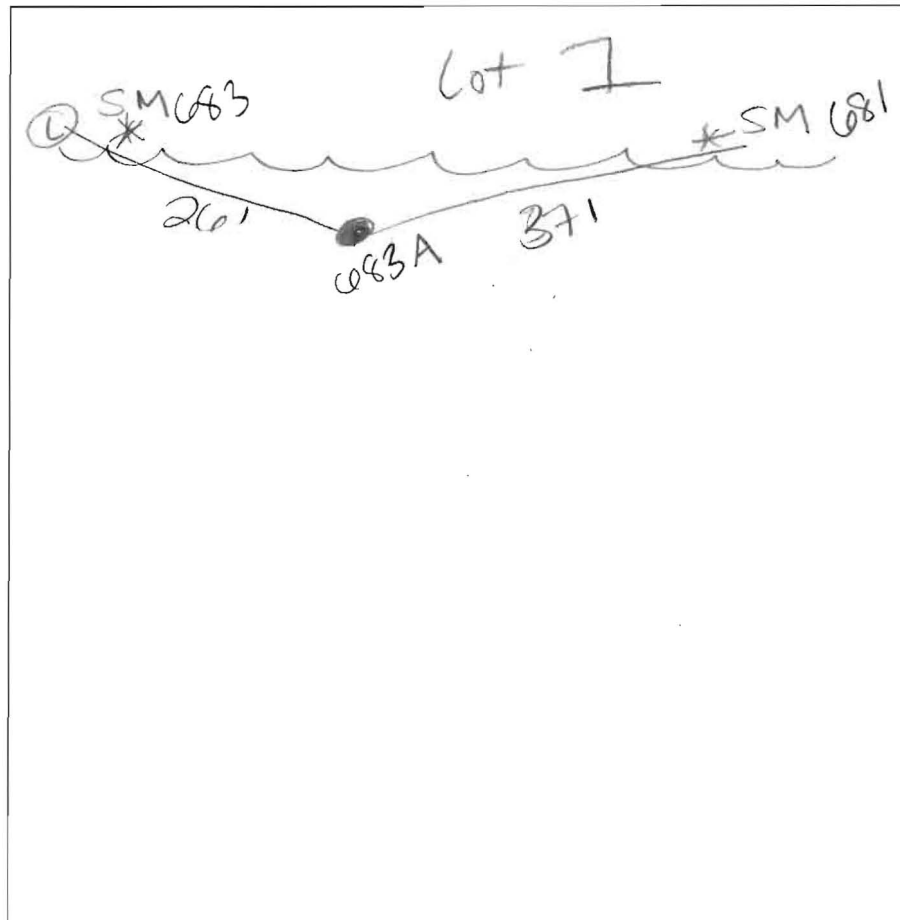
8' brn ls  
saponite

11.5' 693  
dk brn l  
yellow brn  
ch scl

2.5' yellow brn  
se 25%  
rx &  
saponite

6' brn fsl  
micaceous  
saponite  
25% chert  
↓

11.8' ~30% rx



693 A

brn l mast

moist  
yellow brn  
scl 2msbk

4' yellow brn  
sl

6' yellow brn  
fsl  
saponite

8' v fsl  
brn / gray  
micaceous

10' moist

11' bottom 686  
brn l sbk

yellow brn  
scl 1msbk

2.5' yellow brn  
sl  
↓  
fsl  
saponite

5' micaceous  
yellow brn  
ls  
saponite

8' moist @ 9'  
blue-gray scl

683-B  
dk brn l  
red brn  
scl

3' brn scl  
micaceous

↓  
yellow brn  
fsl  
micaceous saponite

4' 7' ↓  
black/brn  
ls micaceous

11' H2O

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	PI/FH
10-20-09	696	4' / 11'	9:40	9:43	9:49	6	P
	695	11.5'	VISUAL				P
	693	4' / 11.8'	10:24	10:27	10:32	5	P
	683A	5' / 11'	11:08	11:09	11:11	2	P
	683B	4.5' / 11'	12:03	too	slow		F
	686	4.5' / 11.5'	1:12	1:15	1:19	4	P

REMARKS Lot 4 / Lot 1 H2O table @ 10'

SANITARIAN HS BACKHOE Greg OTHERS Rick, Wayne

TEST HOLES USED IN SDA 5 AVG. PERC TIME SQ. FT/BR

TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW

# Willow Pond Lot 6

AVP

**687**

0.5' dk brn grsl

2' yel-brn grsl

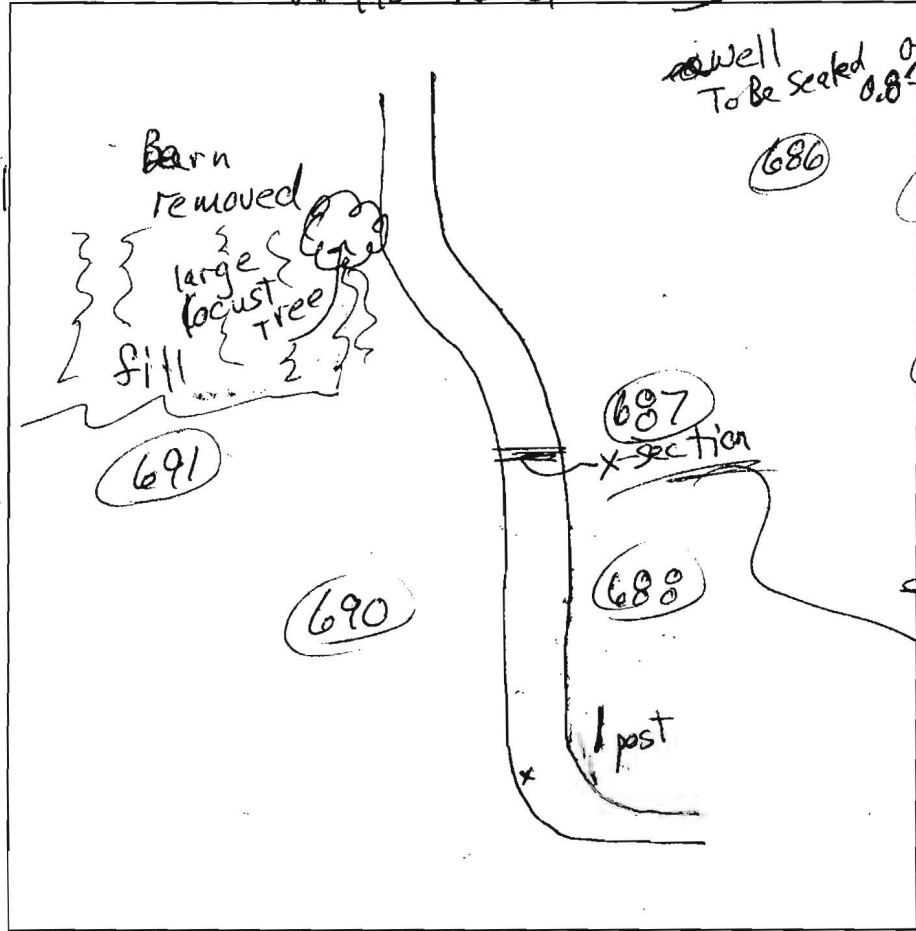
3' yel-brn grsl dense

grey brn silt  
yel brn silt  
sapprolite  
few gravel

7' yel-brn silt  
few quartzite  
stone & gravel

9' yel-brn  
gr lcs

9.8' stopped



**686**

brnsil over grey brnsil

yel-brnsil gravelly many med roots

2' brnsil & brn silt few med roots

3' brnsil few med roots

7' yel-brn silt

9' pale yellow & lt grey grls

road x-section

0.2' dk brn xgrls

dk grey vgrsl compacted sulfur odor

1.5' brn & red-brn silt compacted somewhat platy when dug; only 1/2 compact

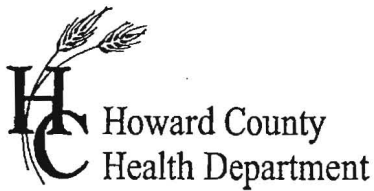
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/20/09	687	4' 9'	2:26	2:27	2:30	3	P
10/20/09	686	4' 9'	2:41	2:42	2:43	1	report
report	686	4' 9'	2:45	2:46	2:48	2+	P

REMARKS \_\_\_\_\_

SANITARIAN RB/HS BACKHOE Greg Coffman OTHERS Rick Minor Wayne Greenfield

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

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



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 531949

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

DATE 10-5-09

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 4-5 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) GREENFIELD HOMES INC. / ROBERT NAECCKER

DAYTIME PHONE 410-365-3702 CELL 410-365-3702 FAX 410-988-2453

MAILING ADDRESS 6656 LUSTER DR HIGHLAND MD 20777  
STREET CITY/TOWN STATE ZIP

APPLICANT GREENFIELD HOMES INC - RICK MINOR

DAYTIME PHONE \_\_\_\_\_ CELL 410-365-3702 FAX 410-988-2453

MAILING ADDRESS 6656 LUSTER DR. HIGHLAND MD 20777  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME WILLOW POND LOT NO. 1

PROPERTY ADDRESS 12740 CLARKSVILLE PIKE CLARKSVILLE  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ PROPOSED LOT SIZE 3 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) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



Willow Pond  
Signed SP-09-03 (2-4-2010)

See General  
Note No. 52  
on Sheet X

**LOT 1**  
3.143 AC±

Septic  
Easement  
10,000sf±

Forest Conservation  
Easement #1  
2.57 Ac.  
0.28 Retention (0.14 credit)  
1.27 Ac. Planting  
1.02 Ac. Non-credited  
Floodplain Retention  
Stormwater Management  
Credit Easement

Wetland Buffer

25' Wetland  
Buffer

Top of Bank

MaB

GnB

(Plot 6674)

