

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 526249

AGENCY REVIEW: _____

DATE 2/23/07

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 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) Robert Anderson

DAYTIME PHONE 301829-0427 CELL _____ FAX _____

MAILING ADDRESS 691 Long Corner Rd Mt. Airy STATE _____ ZIP _____
STREET CITY/TOWN

APPLICANT Fogle's Septic Clean Inc

DAYTIME PHONE 410795-5670 CELL _____ FAX _____

MAILING ADDRESS: 580 Obrecht Rd Sykes STATE _____ ZIP _____
STREET CITY/TOWN

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 691 Long Corner Rd Mt. Airy
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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. Kunta Cassell
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 _____

Sec Test sheets
dated 3/13/07

Empty rectangular box for notes or data.

Empty rectangular box for notes or data.

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Empty rectangular box for notes or data.

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 S/W _____

AP

E

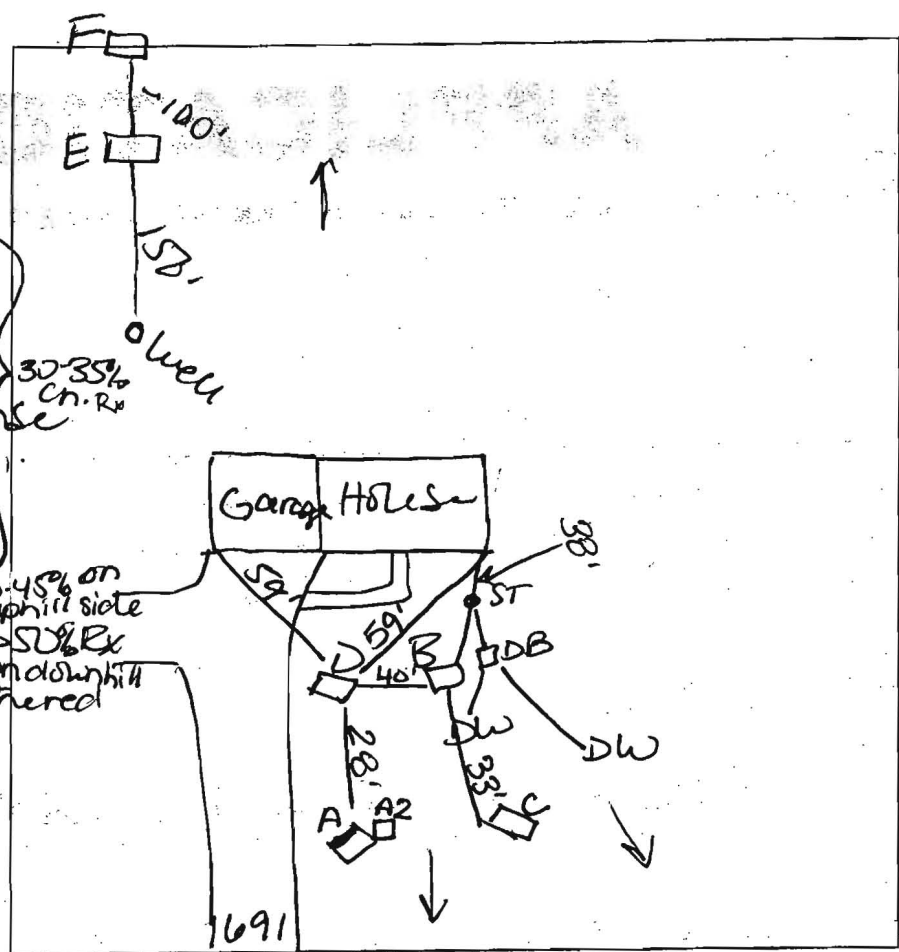
1" dark Bm L

2.5' Bm vgr sil L f, sbk

5.5' Yell Bm dense sil

6' multicolor sil dense

10.5' HB



B

3" DK Bm L sbk

6" RD Bm sil 2f sbk

4' Bm heavy L 1f sbk

Yell Bm sil saprolite

7.8' 20% flaggy 40% channery

9' HB

Long Corner Road

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/13/07	F	> 50% Rx @ 5'					F
	E	5'6" / 10.5"	2:37	2:54	Pulled 880		F
	B	4'3" / 9'	10:31	@ 11:55 1/4 in			F
				movement			

F

1" Bm L (gr)

Yell Bm gr sil L f, sbk

2' Yell Bm sil shale 30% ch. w/ saprolite

4' ~ 50% Rx shale ch.

5' ~ 50% Rx

7.5' ~ 80% shale ch.

9.5' HB

REMARKS HO-94-2197 well above grade

SANITARIAN OT/SP BACKHOE Fogles OTHERS Mr. Anderson

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

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

MOUND TEST DATA SHEETS

Property I.D. 691 Long Corner Rd Lot #

Date 8/13/07

Sanitarian AT/SIF

Landscape Position _____

% Slope _____

Soil Type _____

Contractor Fogles

HOLE # A1

DEPTH OF TEST 12"

START TIME 11:14

1" Brn L
2, f, sbk
35-40% gr

3" Yell Brn
silt ma
~45% shale ch.

5" Yell Brn
silt
>50% shale ch.

9" case in
~85% shale ch.
BML
HB

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
9 10/16	0	—		
9 14/16	15	2/16		
9 13.5/16	30	0.5/16		
9 13/16	45	0.5/16		
9 18/16	60	0		
9 12.5/16	75	0.5/16		
9 12.5/16	90	0		
9 12/16	105	0.5/16		
9 12/16	120	0		

HOLE # A2

DEPTH OF TEST 14"

START TIME 12:58

same as A1

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 16/16	0	—		
10 10/16	15	6/16		
10 5/16	30	5/16		
10 1/16	45	4/16		
9 13/16	60	4/16		
9 9/16	75	4/16		

MOUND TEST DATA SHEETS

Property I.D. 691 Long Corner Rd Lot # Date 3/13/07

Sanitarian AT/SF Landscape Position _____

% Slope _____ Soil Type _____ Contractor Fopples

HOLE # C DEPTH OF TEST 14" START TIME 11:13

3" Bm L 1, f, gr
 Yell Brn
 gr sil L
 LF, SBK
 3'
 Yell Brn
 sil ma
 5' - 50% Rx
 Shale ch.
 Bm L
 7' - HB

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 10/16	0	—		
9 12/16	15	1 4/16		
8 7/16	30	1 5/16		
7 10/16	45	1 3/16		
6 12/16	60	1 4/16		
5 16/16	75	1 2/16		
5 5/16	90	1 1/16		

HOLE # D DEPTH OF TEST 11" START TIME 11:54

2" Bm L 1, f, gr
 Brn sil L
 ma gravelly
 2'
 Yell Brn
 sil ma
 Channery
 4' - 50% Rx
 Shale ch.
 5' - Bottom

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
10 14/16	0	—		
10 14/16	15	2/16		
10 12/16	30	2/16		
10 12/16	45	0		
10 11/16	60	1/16		
10 10/16	75	1/16		
10 10/16	90	0		
10 10/16	105	0		



Howard County
Health Department

Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-899-313-6300
website: www.hchealth.org

Peter Beilenson, M.D., M.P.H., Health Officer

March 19, 2007

Robert Anderson
691 Long Corner Road
Mt. Airy, Maryland 21771

RE: PERCOLATION TEST RESULTS, A-526249
691 Long Corner Road


Dear Mr. Anderson,


Percolation testing conducted March 13, 2007 on the referenced property indicated soil conditions that are both satisfactory and unsatisfactory for on-site wastewater disposal. Copies of the test results are enclosed. All holes were found to be unsatisfactory for a conventional onsite wastewater disposal system. This is a result of high rock content exceeding 50% in the treatment zone. As stated in the Code of Maryland Regulations (COMAR 26.04.02.05), in order for a conventional on-site sewage disposal system to be approved by the Health Department there must be a 4 foot treatment zone below the sewage disposal system. The treatment zone must consist of unsaturated and unconsolidated materials which can adequately treat waste water. Satisfactory soil conditions were observed at the sand mound test locations A2 and C. Due to time constrictions test holes E and F were not tested for a sand mound system.

After talking with you onsite it was explained that the testing was being conducted to prepare for a building permit proposing a second story addition. A septic reserve area consisting of enough area for three on-site wastewater disposal systems would need to be established and on record with the Health Department prior to approval of a building permit. This would require further testing and submission of a Percolation Certification Plan. The Percolation Certification Plan would need to be approved by the Health Department prior to approval of a building permit. In addition, the existing septic system would need to be replaced prior to approval of any building permit submitted for this property. This is a result of the existing septic system being located in the unsatisfactory soil conditions mentioned above. If you would like to continue with this project further testing will be necessary.

If you have any questions regarding this matter or if you would like to schedule future testing, please contact me at the above address or by calling (410) 313-1775.

Respectfully,

Ashley Trump 
Well and Septic Program
Development Coordination Section

Enclosures
CC:  File

MOUND TEST DATA SHEETS

Property I.D. Ball Long Corner Rd Lot # Date 3/13/07

Sanitarian AT/SF Landscape Position _____

% Slope _____ Soil Type _____ Contractor Fogles

HOLE # B DEPTH OF TEST 9" START TIME 11:40

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
9 16/16	0	—		
8 11.5/16	15	14.5/16		
7 12/16	30	15.5/16		
Retested @ 6" to get most restrictive layer				

3"
Brn L
l.f.sbk

6"
Brn sil
ma (roots)
30% gr.

9"
Brn
heavy L
l.f.sbk

18"
91-HB
Yell Brn
sil
saprslite
20% flagg
40% channer

HOLE # B DEPTH OF TEST 6" START TIME 12:23

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
9 16/16	0	—		
9 9.5/16	15	6.5/16		
9 9/16	30	0.5/16		
9 6/16	45	3/16		
9 5/16	60	1/16		
9 1/16	75	4/16		
8 12/16	90	5/16		
8 5/16	105	7/16		
8 4/16	120	1/16		

↑
same
as
above