



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

APP 530280
DATE 1/9/09

AGENCY REVIEW: _____

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) WILLIAM EDWARD BROWN

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 14118 HOWARD ROAD DAYTON, MD 21036
STREET CITY/TOWN STATE ZIP

APPLICANT JONATHAN STUDDARD

DAYTIME PHONE _____ CELL 443-864-8075 FAX 443-393-4800

MAILING ADDRESS 8161 MAPLE LAWN BLVD, SUITE 420, FULTON, MD 20759
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 14118 HOWARD ROAD LOT NO. 1-4

PROPERTY ADDRESS 14118 HOWARD ROAD, DAYTON, MD 21036
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 27 GRID 80 PARCEL(S) 31 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.

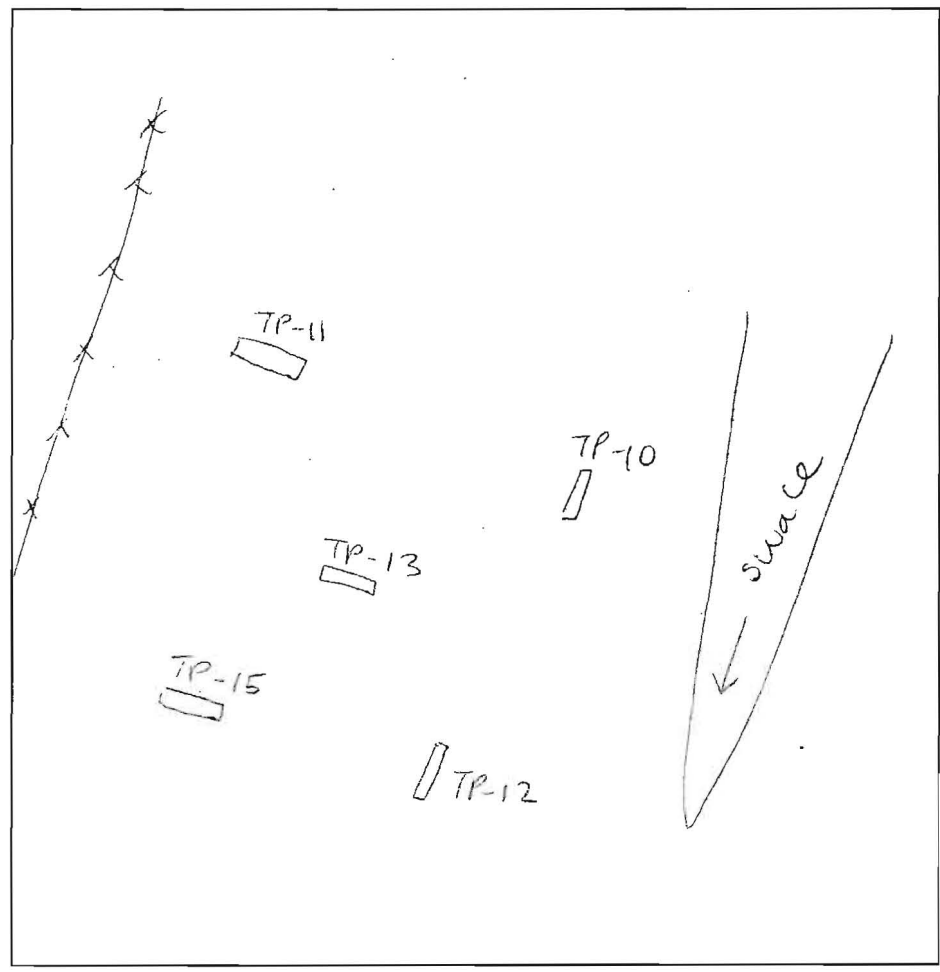
SIGNATURE OF APPLICANT

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

TP-15
 1.2' brn & sbk
 org brn scl lmsbk 15% chert
 2.2' brn fsel micaceous saprolite
 ↓
 yellow brn fsel micaceous saprolite
 Mn / mottles moist ~ 7.5'
 13.5'

TP-13
 same as TP-15

TP-10
 .5' brn & sbk
 3' org brn scl / scl 2msbk
 4.5' org brn scl many mica
 brn fsel micaceous saprolite
 Mn & Fe deposits
 ↓
 14'



TP-11
 .5' brn & sbk
 org brn scl lmsbk many mica
 2.2' brn fsel
 ↓
 10' brn fsel 30% channels many mica saprolite
 ↓
 13' 35% refrags

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
	TP-15	3.5' / 13.5'	12:46	12:47	12:52	5	P
	TP-13	14'	visual	OK	→		P
	TP-10	3.8' / 14'	Ø	5.5	12.5	7	P
	TP-11	4.4' / 13'	1:00	1:03	1:07	4	P

REMARKS Lot 2 (holes 12 & 14 on separate sheet)
 SANITARIAN HS/RB BACKHOE Fyock OTHERS Chris
 TEST HOLES USED IN SDA 4 AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH 3 INLET DEPTH 2-3 MAX. BOT DEPTH 6 EFFECTIVE S/W 3

TP 12

0.3' dk brn sl

red brn grscl
1 f/sbk

2' dk yel-brn
sl, many mica
Saprolite

6' yel-brn stsl
many mica
few channels
Schist parent
material

TP 14

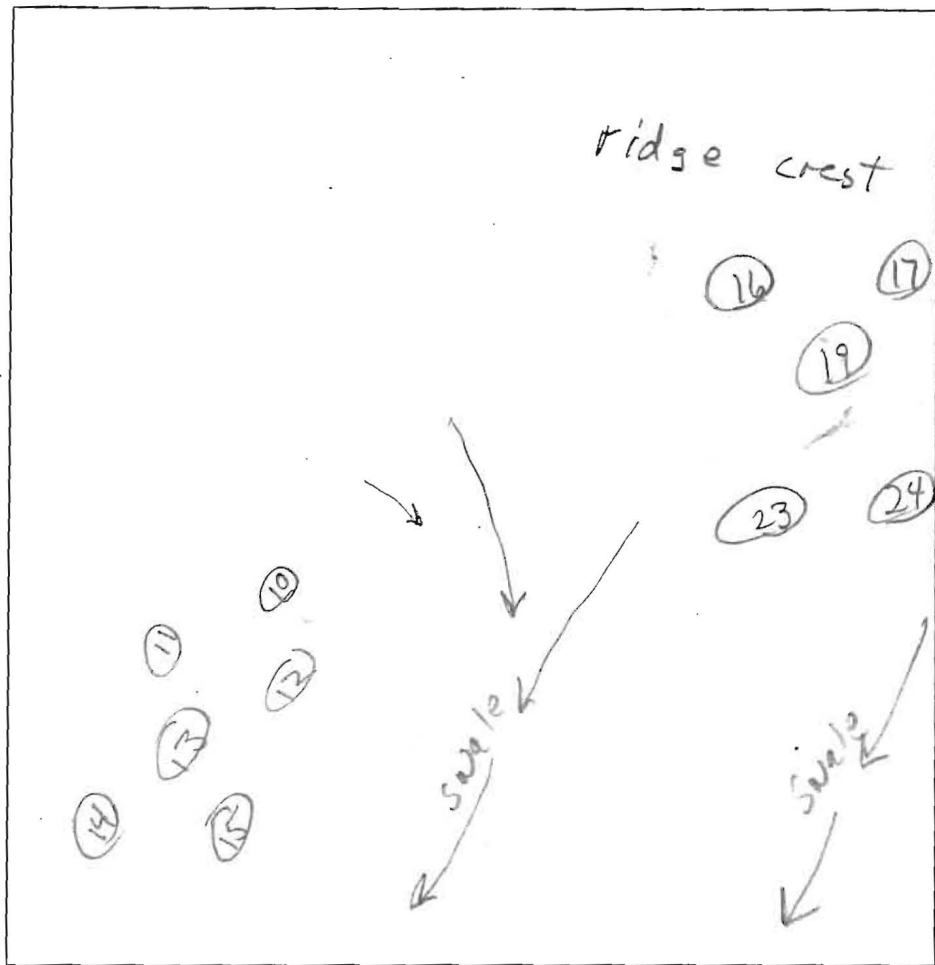
0.6' dk brn sl
common mica

2' brn scl
1 msbk

5' dk yel-brn
sl, many
mica

11' yel-brn vstsl
-50% to rock

12' Many Mn & Fe
coatings



24

0.3' dk brn loam
common mica

1' brn scl
2 msbk

2' yel red scl
common mica

4' pale red
lt. brn fsl, Mn

5' dk yel-brn
sl, many fine mica
few channels

11' pale yellow
chsl; Fe & Mn
coatings

12' H. grey sl

14' 3 m pl

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/9/09	12	3.5' / 45'	5.5	9	13.5	4.5	P
2/9/09	14	4.5' / 11'	0	3	8	5	P
2/9/09	24	6.7' / 11'	0	3.5	8	4.5	P
2/9/09	17	37' / 85'	0	3.5	9.5	6	P

17

0.3' dk brn loam

1' brn scl
(frozen)

1' rd scl
2 f/sbk

2.5' red & brn
w/black lithocement
fsl
many fine mica

11' pale yellow
& pale red
& lt. brn
2 m pl

13.5'

REMARKS _____

SANITARIAN RB/HS BACKHOE Robert Fyock OTHERS Chris

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

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

PROP. 30' WELL
SETBACK
FUTURE 16" WIDE
N-COMMON DRIVEWAY

PROPOSED
PRIVATE
WELL BOX
1,500 S.F.

PROP. 30' WELL
SETBACK

PROP. 100'
WELL ENVELOPE

PROP. LOT 1
16,399 S.F.
0.37 AC. +/-

PROP. 100'
WELL ENVELOPE

PROP. 30' WELL
SETBACK

PROPOSED
PRIVATE
WELL BOX
1,300 S.F.

PROP. 30' WELL
SETBACK

PROP. 100'
WELL ENVELOPE

PROP. LOT 2
134,242.46 S.F.
(3.08 AC. +/-)

PROP. BUILDING

TP-11
EL. 531.02

TP-10
EL. 526.81

PROP. SEPTIC
RESERVATION AREA
10,000 S.F.

TP-12
EL. 521.16

TP-13
EL. 527.17

TP-14
EL. 530.92

TP-15
EL. 520.67

EX. WOOD
FENCE LINE

22.42'
S74°40'56"E

Approved Perc cert
8-12-09

N 51°25'22" W 309.12'
MATCHLINE SEE SHEET 2

EX. WOOD
FENCE LINE

544

542

538

S87°09'27"E 370.70'

534

532

530

528

526

534

516.10'

574'