

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP# 535188

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

DATE 5-10-11

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 3BR 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) John Buttrum

DAYTIME PHONE 410 869-1312 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 5240 Talbots Landing Ellicott City MD 21042  
STREET CITY/TOWN STATE ZIP

APPLICANT Fogle's Septic Clean, Inc / Kurt Cassell

DAYTIME PHONE 410 795-5670 CELL 410 984-5211 FAX 410 795-3432

MAILING ADDRESS 580 Obrecht Rd Sykesville MD 21784  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Talbots Landing LOT NO. 4

PROPERTY ADDRESS 5240 Talbots Landing E.C.  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 31 GRID 16 PARCEL(S) 676 PROPOSED LOT SIZE \_\_\_\_\_

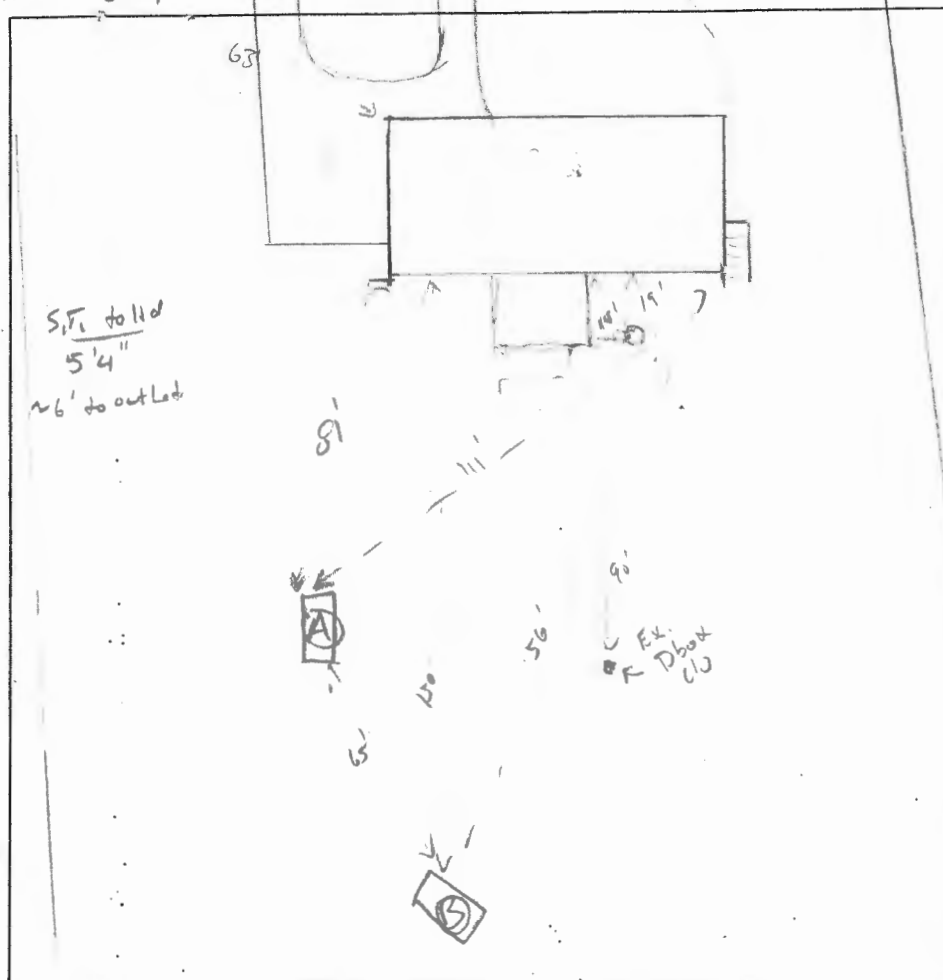
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

Kurt A. Cassell

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



(A)

1m. 50K

10" Drk Br.  
CL, Friable  
LS, 10% roots.  
cherty

3' cherty SL  
litho clowns.  
clay boundary

5'-6' cherty VPSL  
wt some clay,  
10% separate,  
10% cherty,  
some mica.  
Becayed  
sandstone  
interbedded green  
ls.

(6)

Open Loom  
SUSK ver. 8.

12" red, cr.  
CL, stocky,  
CW, plastic,  
WSBK, many  
reels.

3' light B CL,  
stocky,  
channery,  
150% sep.

Heavy  
Decomposed  
Sand & stone,  
over 1000,  
plenty glauconite  
inherited from  
K&A.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
5/20/11	(A)	6'8"/16'V	12:16	12:30	12:57	27	(P)
	(B)	visual	(F)				
		pour H <sub>2</sub> O @ Bottom ~15 min.					
<hr/>							
	(3 BR)	$\frac{450 \text{ gpd}}{2.6} = 750 \div 2 = 375 (\cdot .52) = 220$ <p style="text-align: right;">(4 x 60)</p>					
		(~173 den stone)					

REMARKS Chillum-Russett soils / May credit some sidewall reduction 1.22-3'

SANITARIAN K. Wolf BACKHOE Fuchs (Smiley) OTHERS Home owner

TEST HOLES USED IN SDA 2 AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH 2' INLET DEPTH 5' MAX. BOT DEPTH 11' EFFECTIVE SW

LOCATION JACKLAND

VA+MD

Established Series

Rev. JAK, DHK

01/2006

## JACKLAND SERIES

→ Buck  
Lot

Soils of the Jackland series are very deep, moderately well drained and somewhat poorly drained with very slow permeability. They formed in residuum that weathered from diabase, basalt and gabbro of the Northern part of the Piedmont plateau. Slopes range from 0 to 15 percent. Mean annual precipitation is about 40 inches and mean annual temperature is about 55 degrees F.

**TAXONOMIC CLASS:** Fine, smectitic, mesic Aquic Hapludalfs

**TYPICAL PEDON:** Jackland silt loam on a 3 percent slope in a mixed hardwood and pine forest. (Colors are for moist soil.)

**Ap**--0 to 10 inches; yellowish brown (10YR 5/6) ~~silt loam~~; moderate medium granular structure; friable, slightly plastic, slightly sticky; many fine, medium and coarse roots; 2 percent gravel and cobbles of diabase fragments; very strongly acid; clear smooth boundary. (2 to 12 inches thick)

**B<sub>Et</sub>**--10 to 15 inches; dark yellowish brown (10YR 4/4) ~~silt loam~~; moderate medium subangular blocky structure; firm, sticky, plastic; common fine and medium roots; few, fine, medium, and coarse, faint pale brown (10YR 6/3) iron depletions; many fine iron-manganese concretions; 2 percent diabase gravel and cobble; many distinct clay films on faces of peds; very strongly acid; clear smooth boundary. (0 to 10 inches thick)

**B<sub>t1</sub>**--15 to 30 inches; dark yellowish brown (10YR 4/4) ~~silt loam~~; moderate coarse subangular blocky structure; very firm, very plastic, very sticky; few fine roots; common, fine and medium, distinct, gray (10YR 6/1) iron depletions; common fine and medium iron-manganese concretions; common prominent clay films on faces of peds; many pressure faces and slickensides; 1 percent diabase gravel and cobbles; very strongly acid; clear smooth boundary.

**B<sub>t2</sub>**--30 to 35 inches; yellowish brown (10YR 5/6) ~~clay~~; moderate coarse subangular blocky structure; very firm, very plastic, very sticky; few fine roots; common, fine and medium iron-manganese concretions; common prominent clay films on faces of peds; many pressure faces and slickensides; 1 percent diabase gravel and cobbles; very strongly acid; clear wavy boundary. (Combined thickness of the B<sub>t</sub> horizon ranges from 10 to 35 inches.)

**B<sub>Ct</sub>**--35 to 40 inches; yellowish brown (10YR 5/6) ~~clay loam~~; weak medium subangular blocky structure; firm, plastic, sticky; few fine roots; common fine and medium iron-manganese concretions; few distinct and prominent clay films on faces of peds; 1 percent diabase gravel and cobbles; very strongly acid; diffuse wavy boundary. (0 to 15 inches thick)

**C**--40 to 65 inches; multicolored brown, yellow, green, white and black sandy loam; massive; friable, slightly plastic, sticky; common black iron-manganese streaks; thick very plastic clay flows in crevices in the upper 15 inches; 3 percent diabase gravel and cobbles; slightly acid.