



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AP 526211

AGENCY REVIEW: _____ DATE _____

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 _____ 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 Jordan

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT 12494 W. Nugget Court

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
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.

SIGNATURE OF APPLICANT _____

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

(B)

6"

Dark Br Loam

Br c loam

mod. med.

sbk

15"

Br c loam

1fsbk

common d

chroma 2

common med. p

3'

Dense Br c loam

Many Fine p

Enrichments

common fine

distinct chroma 2

1fsbk

11"

caving

11.5'

Water

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
3/7/07	B	11.5'V					F
Failed 2 Hour Mound Testing at 20"							
	F	9'15+	1:28:30	1:36	1:55	19	P

REMARKS

SANITARIAN

BACKHOE

OTHERS

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. 12494 W. Nugget Ct. Lot # _____ Date 3/7/2007

Sanitarian B. Baker Landscape Position Lowest Areas

% Slope _____ Soil Type _____ Contractor Fogles

HOLE # A DEPTH OF TEST 18" START TIME 11:13

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
<u>7"</u>	<u>Start</u>	<u>0</u>		
	<u>11:18</u>	<u>1/32"</u>		
	<u>11:28</u>	<u>1/32"</u>		
	<u>11:38</u>	<u>1/32"</u>		
	<u>11:53</u>	<u>1/16"</u>		

5/32" in 40 minutes

HOLE # B DEPTH OF TEST 20" START TIME 12:49

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
<u>7"</u>	<u>Start</u>	<u>0</u>		
	<u>12:59</u>	<u>5/32"</u>	<u>→ leaking?</u>	
	<u>1:09</u>	<u>No Movement</u>		
	<u>1:19</u>	<u>1/32"</u>		
	<u>1:44</u>	<u>1/32"</u>		
	<u>1:59</u>	<u>No Movement</u>		

7/32" in 70 minutes

(12494 W. Nugget Ct)

4 Bedrooms

Holes C+F

Inlet 5', Bottom 9.5'

Avg. 2.5' of Sidewall, Avg. Perc. Rate of $14\frac{1}{2}$ minutes

$$600 \div 0.8 = 138' \text{ of Trench}$$

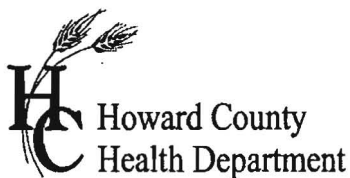
$$600 \div 0.6 = 1000 \div 3 = 333 = 183' \text{ of Trench}$$

Low Pressure Dosing

Trenches 3' Wide

- New Well Must Be Drilled Before System Installed
- Old Well Must Be Filled Entirely With Cement or Concrete
- Suggest Pretreatment (Aeration)
- Apply for Financial Assistance for Aeration Unit
- 2000 gallon tank turned backwards
2-compartment but no slot, plastic baffles

4 1/2 b. after
off of
water



APPLICATION

#330

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AP 526211

AGENCY REVIEW: _____

DATE 11/31/07

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☐ 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)
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PROPERTY OWNER(S) John Jordan

DAYTIME PHONE 301 725-0309 CELL _____ FAX _____

MAILING ADDRESS 12494 W. Nugget Ct Highland
STREET CITY/TOWN STATE ZIP

APPLICANT Fogle's Septic

DAYTIME PHONE 410 795-5670 CELL _____ FAX _____

MAILING ADDRESS 580 Obrecht Rd Sykes.
STREET CITY/TOWN STATE ZIPAPPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANTPROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 12494 W. Nugget Ct LOT NO. _____PROPERTY ADDRESS Highland
STREET TOWN/POST OFFICE

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

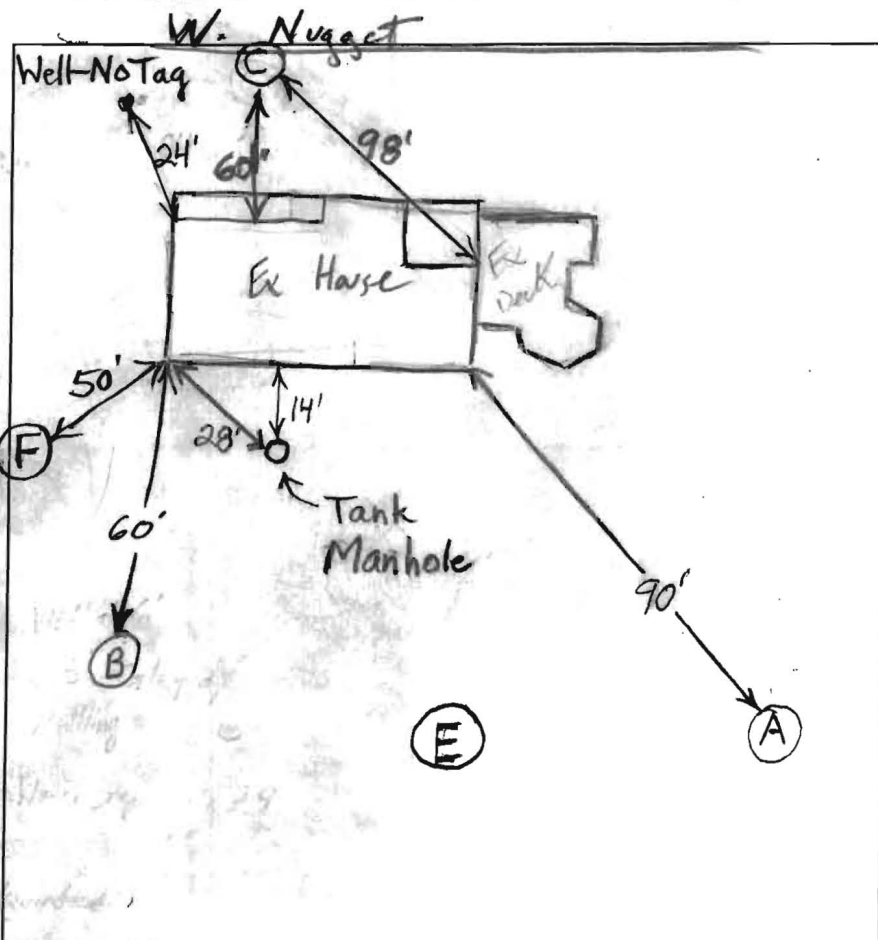
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7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P



1 msbk
 (A)
 Br Cl Loam
 Sub Angular
 Blocky
 Str Med G
 Sub Ag Blocky
 Light Br Cl Loam
 3 msbk
 Yell br cl
 Common distinct
 med gr mottles
 Yel br sacl
 3'
 loam vst scl

40% stone
 Common distinct
 med or mottles +
 fine distinct gr
 mottles
 5'2"

Water
 clay
 (E)

Br Loam
 Weak Sub Ang
 Blocky
 1'

Yel br cl
 many med-fine
 Pale brown chroma
 > 2 mottle

Yel br cl Loam
 Common distinct
 and faint
 coarse chroma
 3+2
 3.5

Yel br
 chroma 2
 Water seeps
 5' Fine Sacl Loam
 Yel br cl

(A)
 Cl Loams
 to at
 Least 6'
 Depth
 5.5'
 6'
 9'
 Water
 12'

(B)
 Br Or
 Cl Loam
 Tight Structure
 ~15% quartzite
 5.5'
 Light Br to
 Beige Sacl
 Loam Becoming
 Sandier and
 Moist with
 Depth
 Some Saprolite
 11.5'
 12'
 13.5'
 Caving
 Water

(C)
 Or-Br
 Cl Loam
 Trace Rock
 3-3.5'
 Red Br
 Si Cl Loam
 ~5% Rock
 6-6.5'
 Beige
 Sa Loam
 10-15%
 Saprolite
 14'
 14.5'
 Water

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/7/07	A	2.5' / 12'	10:53	~ 60' min for 1st inch			(F)
	B	6'8" / 13.5'	12:15	1/8" movement			(F)
		8'	12:38	est. 45 min			(E)
		~9'	1:22	1:52	Almost to 2nd Reg		(F)
	C	6.5' / 14.5'	1:54	2:03	2:25	22	P
		7'	2:26:45	2:30:30	2:42:35	10	P
3/7/07	A						
	E			5' Visual			(F)

REMARKS

SANITARIAN BB/KW

BACKHOE Fogles

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SW

(A)	
1'	Br Clay Loam 1msbk
2'	str m clay sbk
3'	Light Br Clay Loam - 3msbk Yellow Br Clay Common Distinct med gray mottles
5' 2"	Yellow Br Sandy Clay Loam - vst scl ~40% stone Common Distinct Med Or Mottles and Fine Distinct Gray Mottles Water

(E)	
1'	Br Loam Weak sbk
2.5'	Yellow Br Clay Many med-faint pale br mottles > 2 chroma
3.5'	Yellow Br Clay Loam Common Distinct and Faint Course Mottles, Chroma 3 and 2
5'	Yellow Br Fine Sa Cl Loam Chroma 2 Water Seeps Yellow Br Clay

(F)	
9"	Dark Br Clay Loam
3'	Br Sa Clay Loam 1vf sbk
5.5'	Red Br Fine Sa Clay Loam Common Fine p enrichments With a few course d chroma 3 enrichments
7.5'	Red Br Fine Sa Clay Loam - Øm
10'	Yel Br Fine Sa Loam With Areas of Red Fine sa loam fine sa Loam pale light grayish weathered gneiss
13.5'	dark br fine sa loam - micaceous
15'	Saprolite