



Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

EST DATE(S) _____ TEST TIME _____

AP 536307-V

AGENCY REVIEW: _____

DATE 2/18/09

DO NOT WRITE ABOVE THIS LINE

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) RONALD REGAN & SCOTT REGAN TRUSTEE

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 12859 ROUTE 108 HIGHLAND MD 20177
STREET CITY/TOWN STATE ZIP

APPLICANT SAME AS OWNERS

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 REGAN PROPERTY LOT NO. 21

PROPERTY ADDRESS POINT RIDGE DRIVE
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 24 PARCEL(S) 200 PROPOSED LOT SIZE 1 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) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P _____

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 _____

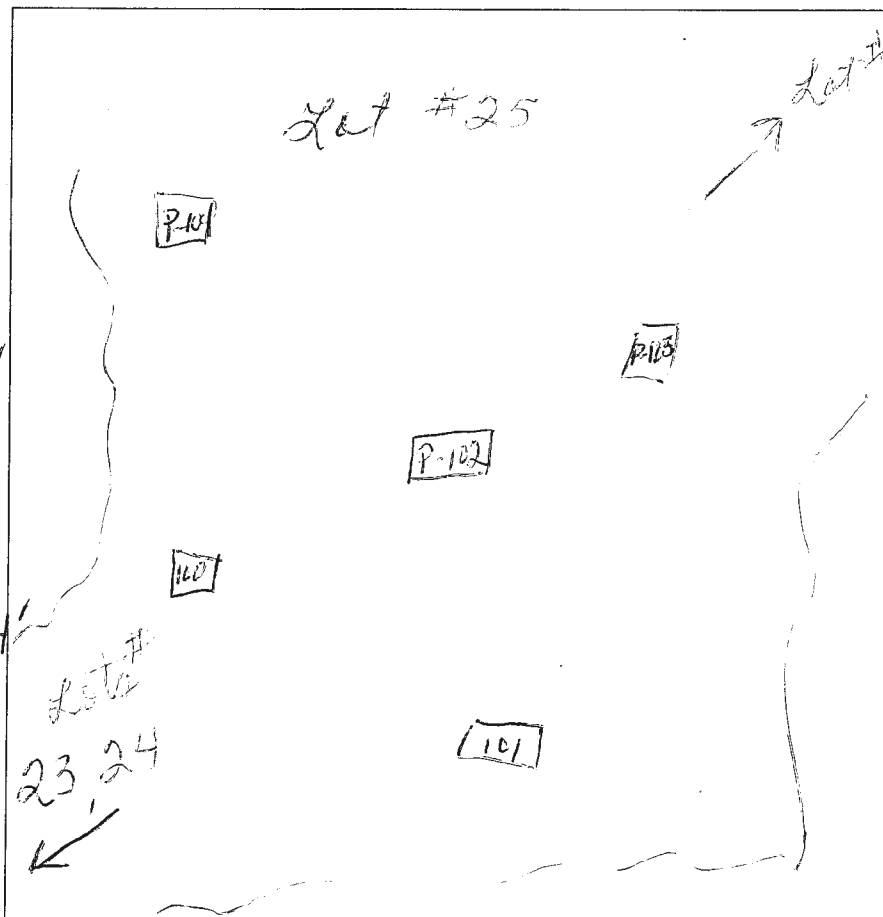
A/P _____

F#102
 Rd Brn
 Sch mica 3
 Rd Brn
 Sh mica 7'
 SL
 Rd Brn
 much mica 10'
 Light Brn
 LS Vell. 14'

Red Sch



Red Brn
 yellow
 &
 many
 mic 6'
 ↓
 11'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5-19	102	4.5 / 14	1:50	1:52	1:54	3 min	P
5-19	103	5 / 11	2:12	2:15	2:18	3 min	F

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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

AP

101

25'

brn scl
1 blockbrn scl
very green

60'

brn fl
micaceous
sandyfew
quartz
channels

9'

chfse

115'

104

65'

brn scl

org red

brn scl

4.5'

2 msbk

yellowish

brn scl

6'

yellowish

brn fl

sandy

95'

chfse

10'

106

1'

brn fl

1 block

red brn

scl

4'

2 msbk

red brn

magnesian

scl

6'

yellow

brn fl

sandy

10'

brn fl

14'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5-19	101	5.6' / 11.5'	1:48	1:50	1:52	2	P
	104	5' / 12'	2:04	2:05	2:07	2	P
	106	6' / 14'	2:20	2:38	2:50	12	P
	112	11'	usual				F
	111	53' / 13'	3:14	3:21	3:25	4	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

112

bmc

yellow

brn scl

2 msbk

2'

yellow

brn scl

2 msbk

2' 4"

yellowish

brn scl

2 msbk

2' 8"

305-440

channers

15'

4' 4"

bmc

brn scl

1 msbk

3.5'

yellow

brn fl

sandy

chfse

brn scl

micaceous

8'

13'

Regan Property

A/P

100

Black loam

Brn scl

2msbk

Brn sl

1msbk

common w/ white striations
few stones & gravel

H. Brn ls

w/ white striations
common mica

11-moist

12' moderate to rapid infiltration

107

brn loam

brn scl

2msbk

brn sl

2esbk

yel-red sl
many mica
and dense

yellow, grey brn
& br grey sl

br. grey, brn
& pale brn
yel-red striations

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/19/09	100	12'	Visual	Sidewall - bottom good	2.5	9.5	P
5/19/09	105	4.5' / 12'	0	15.5	44	28.5	P
		105 4.6' - 12'	Moderately rapid rate		42		P
5/19/09	107	4.2' / 13'	2:36	2:44	2:57	13	P
		107 4.6' - 13'	moderately rapid to moderate				P
5/19/09	110	5'	Visual	60% gravel at 5' to 5.5'			F
				>50% Bedded rock at 8.5'			

REMARKS

SANITARIAN

Rb

BACKHOE

Wayne/Brace

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE S/W

105

brn grsl

brn scl

few gravel

brn sl

1msbk

common mica

red-brn sl

common mica

slow mica

yellow, grey brn

& br grey

br grey

yel-red striation

pale brn

gr ls

Bottom

moderately rapid

110

dk brn

loam

brn scl

brn sl

many roots

yel-red

vs sl

white brn

bedded

grey

cemented rock

Mn coatings

yersol point