



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 537805

AGENCY REVIEW: _____

DATE 5-14-12

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 3 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) STEPHEN KIMOS & JILL KIMOS

DAYTIME PHONE 301-829-9393 CELL 301-524-2650 FAX _____

MAILING ADDRESS 785 LONG CORNER RD MOUNT AIRY MD 21771
STREET CITY/TOWN STATE ZIP

APPLICANT Same as above

DAYTIME PHONE as applicant CELL as applicant 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 785 LONG CORNER RD MOUNT AIRY 21771
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 0006 GRID 0006 PARCEL(S) 0089 PROPOSED LOT SIZE _____

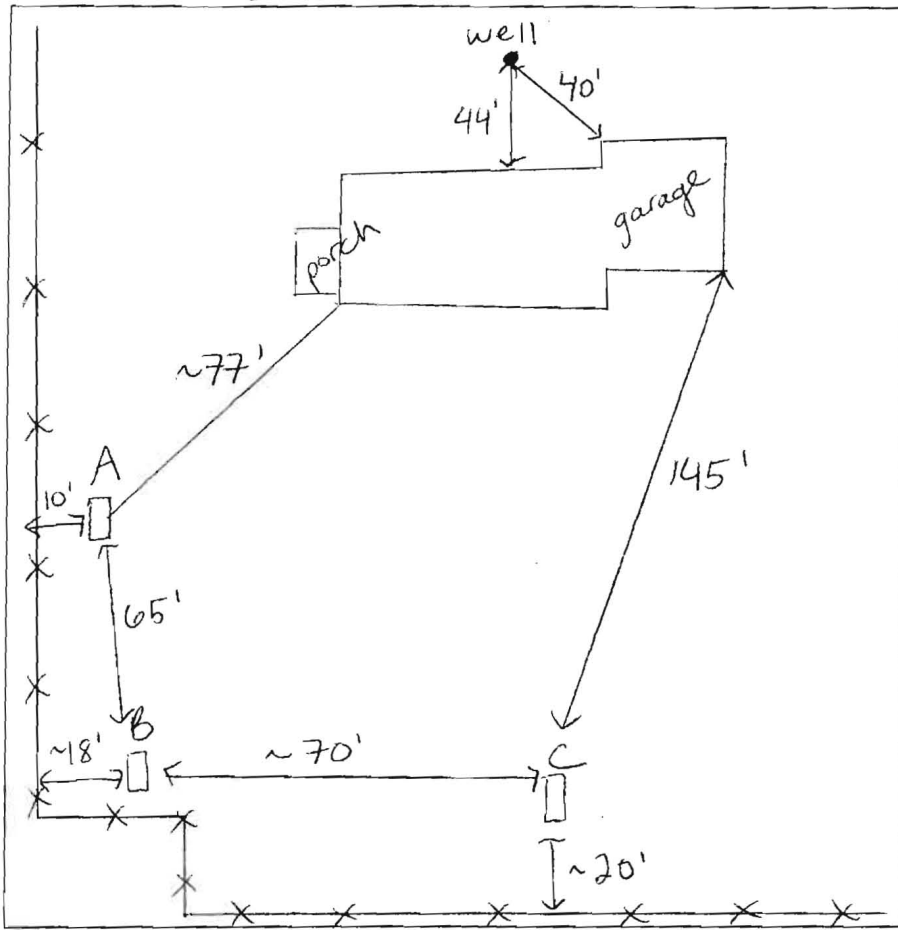
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A.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

TEST RESULTS WILL BE MAILED TO APPLICANT. Stephen Kimos
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

Long Corner Road

AP _____



- [A]**
- 10" bm l
 - bm gr sel 2 msbk
 - 2' yellow/red brn sl 40% shale
 - 4' bm vchsl
 - 5' bm flsl
 - 7' brn vch sl ↓
 - 12' bottom

- [C]**
- red brn sel 1c sbk 4.5'
 - yellow chsl/fs 5.2'
 - vchsl 6.5'
 - brn vflsl 8'
 - bm ch sl/sapelite 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6-5-12	A	6'3" / 12'	9:56	10:25	10:58	28	P
6-5-12	B	6'5" / 12.5'	10:16	10:29	10:54	25	P
6-5-12	C	6'5" / 12'	10:55	little movement			
6-5-12	C	5'8" / 12'	11:42	-reshelf-	12:21	24	P

- [B]**
- 1' bm l
 - yellow bm sel 1 msbk
 - 4.5' red brn chsl
 - 6' red brn vchsl & sapelite
 - 8' bm vfl sl ↓
 - 12.5' bottom

REMARKS _____

SANITARIAN HS BACKHOE Fogles OTHERS owner

TEST HOLES USED IN SDA 3 AVG. PERC TIME 25 SQ. FT/BR _____

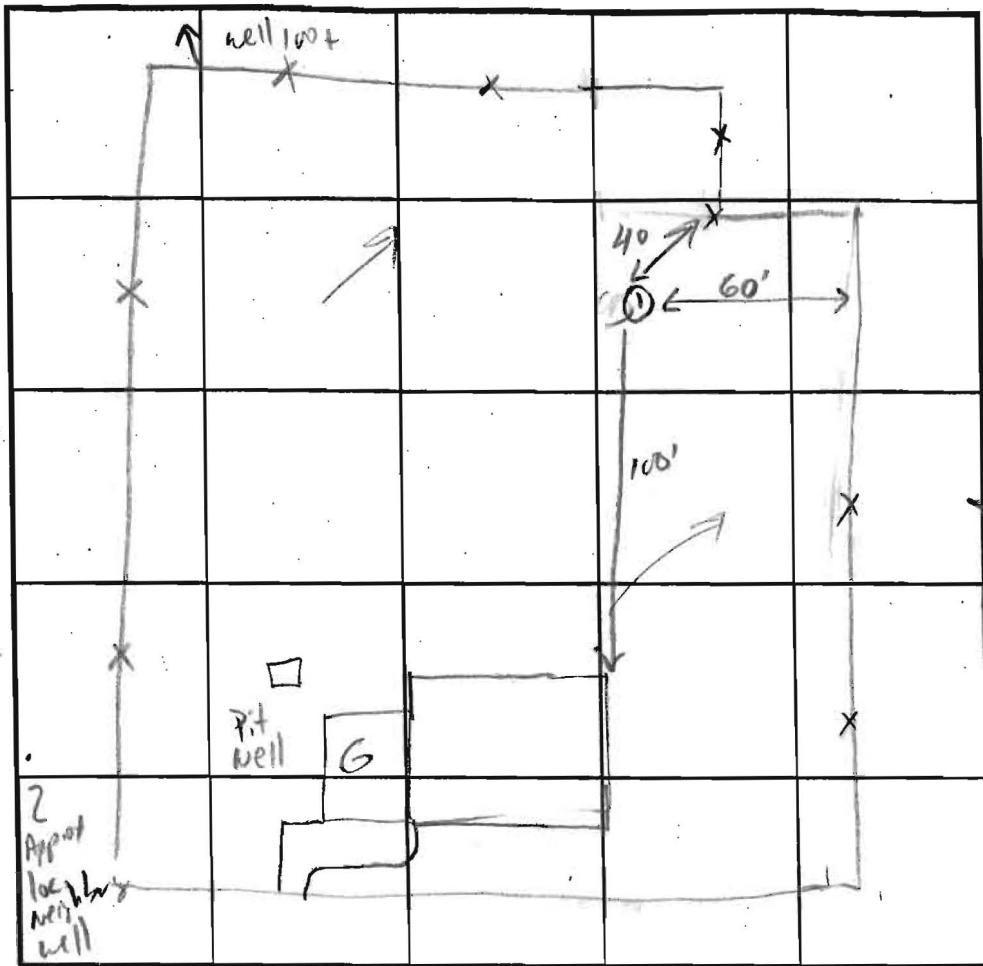
TRENCH WIDTH 3 INLET DEPTH 4 MAX. BOT DEPTH 8 EFFECTIVE SW 1.5'-2'

P 518515

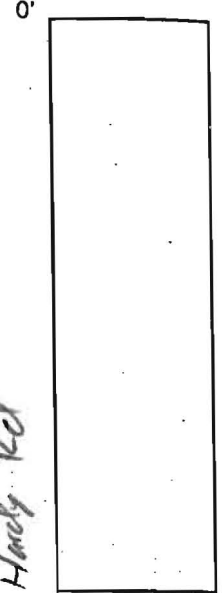
COUNTY #

SOIL PROFILE

- 0' Brown SiCL w/fil
- 1 1/2' Light brown SiCL
- 4' Heavy red orange SiCL
- 7' red orange L w/15% weak sep
- 13' red orange cherty (30%) L w/mica schist
- 14' No H2O



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Long Corner Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/16/03	1	6 1/2					
		14	11:49:30	12:16:00	1/2" P-suck		F
	1	7 1/2	12:14:15	12:21:00	12:21:00	12:31:30	10:30 OK
		14					

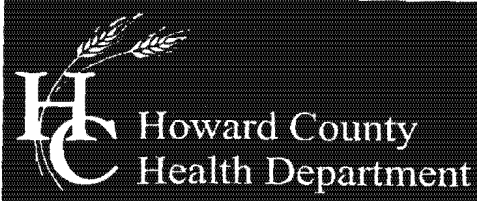
REMARKS Sap = Saprolite

TYPE OF SOIL Mt. cherty loam

TESTED BY J. Boris, F. Alfonso, S Oster ALSO PRESENT Fogle (Contractor)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 3

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT/BEDROOM 210



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

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

June 7th, 2012

To: Steve Kimos
Applicant

RE: Perc Test Report, [785 Long Corner Rd]; A#537305

Percolation testing was conducted on the referenced property on June 5th, 2012. The purpose for conducting these percolation tests was to delineate septic reserve area due to a proposed second story addition.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Soil conditions either satisfactory or unsatisfactory for onsite wastewater disposal were observed at the specified test locations. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drainfield and two repair drainfields for the planned residence.

Soil conditions observed were satisfactory for onsite wastewater treatment and disposal. A total of 3 percolation tests were conducted. Test C was re-dug due to slow perc rates at certain depths. The current septic system installed in Jan 2003 was found to be functioning properly. A new well was drilled in March 2012 and meets current standards and setback compliances.

Field data collected are shown on Percolation Test Worksheets enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. The values for the drainfield parameters will be documented during the Percolation Certification Plan process, and then maintained in the Health Department file for the subject property.

Additional field review of well or septic system conditions may be required at any time during this process. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan or Site Plan, please contact me at the above address or by calling (410) 313-6287.

Respectfully,

A handwritten signature in cursive script, appearing to read 'Heidi Scott', is written over a horizontal line.

Heidi Scott, R.S.
Environmental Sanitarian
Well and Septic Program

Enclosures (1)

Copy: owner
File