

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Elm Street Development

ADDRESS 6820 Elm Street, Suite 200, McLean VA 22101 PHONE (703) 734-9730

AGENT OR PROSPECTIVE BUYER Mildenberg Boender And Assoc.

ADDRESS 5072 Dorsey Hall Drive, Ellicott City MD, 21042 PHONE 410 997 0296

PROPERTY LOCATION:

SUBDIVISION Shapiro Property LOT NO. 10 14

ROAD AND DESCRIPTION Long Corner Road, 1500 ft South of New Cut Road/Long Corner Road intersection.

TAX MAP 6,12 PARCEL # 9

SIZE OF LOT 40,919 Sq. ft. TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' (50)
 1' Topsoil
 org brn
 cl lm
 Shale
 Frag.

3 1/2' Refusal (43)

1' Topsoil
 Rd org
 brn
 cl lm

3 1/2' 1'

Ht brn
 beige
 silt
 lm
 25%+
 shale
 >50%
 rock frag

7'4" Refusal (44)

1' Topsoil
 rd. brn
 si lm

3'4" 3'

Ht brn
 si lm
 15%
 shale

10'9" Refusal

			50	52
			35	43
				51
				44

SOIL PROFILE

0' 52
 1' topsoil
 org brn
 cl lm
 4' 1' brn
 si
 lm
 30%+
 sh
 9'5" Refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-10-01	50	3 1/2' D	Refusal				FAIL
	35	2'8" D	Refusal				FAIL
	43	7'4" D	Refusal				FAIL
	51	4'8" D	Refusal				FAIL
	52	4 1/2' S	2:26	2:27 ³⁰	2:27 ³⁰	2:30	2:30
		9.5' D	Refusal				OK
	44	4.5' S	3:27	3:36	3:30	3:50	19
		10'8" D	Refusal				OK

REMARKS: holes tested as stated

TYPE OF SOIL

TESTED BY: DCC/KG ALSO PRESENT: GTA - MURPHY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM

COUNTY #

SOIL PROFILE

0' topsoil
 4.5' org bn
 cl lm
 30% sh
 16 Refusal

0' topsoil
 1' red bn
 cl lm
 30% sh
 4' red
 org bn
 cl lm
 10% sh
 6' topsoil
 8' Refusal

0' topsoil
 6' org bn
 cl lm
 30-40% sh
 9.5' Refusal

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Lana Corner Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-11-01	53	10.0'D	Refusal	-see profile			FAIL
	54	8.0'D	Refusal	-see profile			FAIL
	38	4.5' S	2:32	less than 1" @ 3:02			
		9.0'D	Refusal	-see profile			FAIL

REMARKS: holes tested as staked

TYPE OF SOIL _____

TESTED BY: DKC/KG ALSO PRESENT: STA - Nantux

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

COUNTY #

SOIL PROFILE

0' (47)
 Topsoil
 rd brn
 cl 1m
 5% - 10%
 shale
 14' brn
 silty
 Refusal

(46)
 Topsoil
 org brn
 cl 1m
 14' brn
 silty
 60%
 shale
 18'
 10'
 Refusal

				(46)
			(47)	
			(37)	

SOIL PROFILE

0' (37)
 Topsoil
 red brn
 cl 1m
 3.5'
 4'
 14' org brn
 silty
 3.5'
 40%
 sh
 Refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-10-01	47	4.9's	2:33	3:58	2:58	little slow	—
		10' D	Refusal	- see profile			FAIL
	37	5.0's	2:54	3:05	3:05	3:15	10min
		9.0' D	Refusal	- see profile			OK
	40	4 1/2's	3:26	3:57	3:57	little slow	—
		10' D	Refusal	- see profile			FAIL

REMARKS holes tested as stacked

TYPE OF SOIL _____

TESTED BY DLC/KG ALSO PRESENT GTA - Marty

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE

0' (47)
 Topsoil
 rd brn
 cl 1m
 5% - 10%
 Shale
 7' 14 brn 15%
 5' 1m
 Refusal

(46)
 Topsoil
 5' 1m
 cl 1m
 14 brn
 5' 1m
 65%
 Shale
 3' 14 brn
 5' 1m
 Refusal

()

SOIL PROFILE

0' (37)
 Topsoil
 red brn
 cl 1m
 w/stone
 3.5'
 4'
 14
 org brn
 5' 1m
 35-
 40%
 sh
 Refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-10-01	47	4.9'S	2:33	3:58	2:58	little slow	—
		11' D	Refusal	- see profile			FAIL
	(37)	5.0'S	2:54	3:05	3:05	3:15	10min
		9.0' D	Refusal	- see profile			OK
	46	4 1/2'S	3:26	3:57	3:57	little slow	—
		10' D	Refusal	- see profile			FAIL

REMARKS holes tested as stacked

TYPE OF SOIL _____

TESTED BY DLC/KG ALSO PRESENT GTA - Marty

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____