



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 524385

AGENCY REVIEW: _____

DATE 4/3/06

05-372364

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 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) EDWARD & KATHERINE TRIVELLI

DAYTIME PHONE 301 854 0495 CELL 240 417 6276 FAX 301 854 0487

MAILING ADDRESS 7491 MINK Hollow RD HIGHLAND MD 20777
STREET CITY/TOWN STATE ZIF

APPLICANT EDWARD TRIVELLI

DAYTIME PHONE 301 854 0495 CELL 240 417 6276 FAX 301 854 0487

MAILING ADDRESS 7491 MINK Hollow RD HIGHLAND MD 20777
STREET CITY/TOWN STATE ZIF

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. 3

PROPERTY ADDRESS 7491 MINK Hollow RD HIGHLAND, MD 20777
STREET TOWN/POST OFFICE

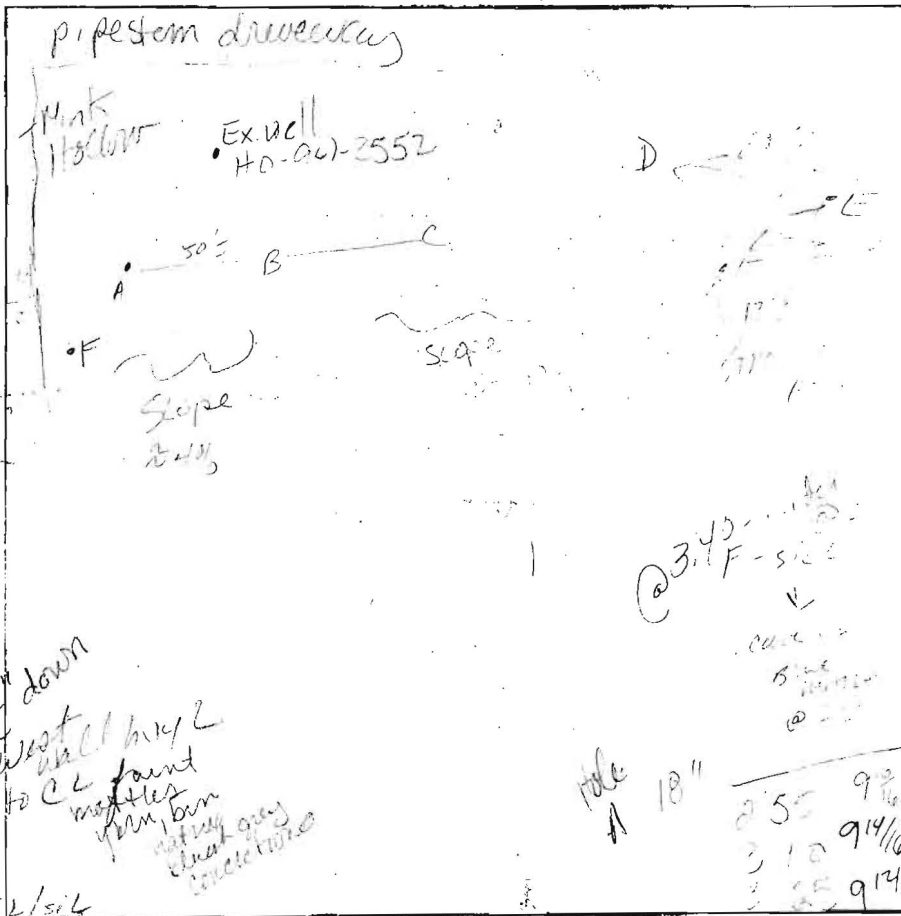
TAX MAP PAGE(S) 40 GRID 7 PARCEL(S) 227 PROPOSED LOT SIZE 13.826A

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.

Edward Trivelli
SIGNATURE OF APPLICANT

Wkr on
bl' struct
111
high 20
dis thump mt
rubber
promant/
distal
notices
@ 2 1/2
water
@ 1



3-5' side
water
Mottles
@ 18
found
20' distance
120 m
@ 3

Root mat
1 sbk, 3 bk
high
dark brown, white
bluish
sand
compact
1/2' bottom

gr
s-brn
asbk
L200
brn, pi
4 brn
moss
yL
distal
notices
@ 2 1/2
water
@ 1

25bk bk
1 pl
roots
10130
suff ubrn
dense
huz-a
upackets
@ 2 1/2 wkr on
@ 3 mottles
@ 4 water

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
4/25/00	A	Marginal to F					
		NO, NO suit. accept.					
	(B)	Need suit. p. notes					
	(C)	Fail					F
test @ 18"	(D)	SEC-E					
	(E)	16"	1:55	9:10/16			
			2:10	9:10/16			
			2:25	9:5/16			
			2:40	8:16/16			

REMARKS owner said hole @ 16" in March 00

SANITARIAN Sazi BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

MOUND TEST DATA SHEETS

Property I.D. _____ Lot # _____ Date 3/27/07

Sanitarian GAC Landscape Position Toe

% Slope ~8% Soil Type GnB Contractor _____

HOLE # F DEPTH OF TEST 2' START TIME 10:17

0"
4"
20"
24"
30"
4

Bnn Lm organic
Str. Brwn Sslm. Columnar Str. Angular Blk
Bnn Lm. Sslm.
Pale Yellow Sil. Faint Yellowish Red Mottles (Many)
Psk Yellow Sil w/ Many prominent Yellowish Red Mottles (Fragipan) @ 38"

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
7 5/16	10m	11/16		
6 5/8	10m	11/16		0
5 5/16	10m	11/16		0
5 3/8	10m	9/16		13%
4 13/16	10m	9/16		-
4 3/8	10m	7/16		12%
3 3/4	10m	5/8 = 10/16		21%
3"	10m	3/4 = 12/16		12%
2 11/16	10m	5/16		44%
2 1/4	10m	7/16		13%

Leaking Infiltration Data Sheet
 4 6/16
 - 3 13/16
 Testing Infiltration Sheet 1
 See 2nd Data Sheet

.68
.56
.44
.63
.75
.31
.44

HOLE # G DEPTH OF TEST 24" START TIME 11:23

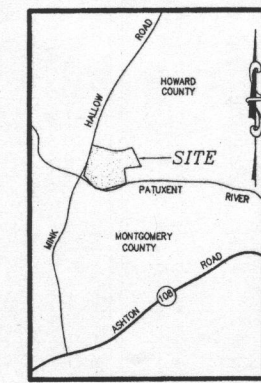
4"
16"
25"
30"
36"
48"

Brown Organic Sslm 10YR 4/4 DK Yellow Brn Sslm Ang. Blk str. gr. cr.
Yellowish Brn 10YR 5/8 High Sil % Columnar w/ Ang Blk str.
Str. Brwn 5/8 7.5/16 Ssl
2.57 Lt yellow Brn Oxidized Ssl w/ oxidation 5YR 4/6 Yellow Red
Pale Yellow Sil Many prominent Yellowish Red Mottles

Hook Gauge Reading	Elapsed Time (min)	Measured Drop	Estimated Rate	% Change
7 3/4	10m	1/4" = 4/16	Pre-soak	
7 1/2	10m	1/4" = 4/16		
7 5/16	10m	3/16		
7 1/16	10m	4/16		
6 7/8	10m	3/16		
6 3/4	10m	2 1/16		
6 1/2	10m	4/16		
6 3/16	10m	3/16		
6 1/16	10m	4/16		
5 13/16	10m	4/16	1" / hr	
4 5/16	20m	1/2"		

Water @ 38" seeps

(P)



VICINITY MAP
SCALE: 1" = 2000'

PERCOLATION CERTIFICATION PLAN
TRAVELLI PROPERTY
 PARCELS 227
 TAX MAP 40, GRID 7
 LIBER 6203, FOLIO 282
 5TH ASSESSMENT DISTRICT
 HOWARD COUNTY, MARYLAND

BENSON PROPERTY
 PARCEL 389
 TAX MAP 40, GRID 7
 L. 1223, F. 281

TUCKER PROPERTY
 PARCEL 388
 TAX MAP 40, GRID 7
 L. 10708, F. 270
 220,471 SF. OR 5.0613 Ac. ±

TRIVELLI PROPERTY
 PARCEL 227
 TAX MAP 40, GRID 7
 L. 10708, F. 296
 604,074 SF. OR 13.8676 Ac. ±

ROCKY GORGE RESERVOIR
 (WSSC PROPERTY)

- NOTES:
1. THE PARCEL SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 2. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARY HAVE BEEN SHOWN.
 3. PERCOLATION TEST HOLES WILL BE FIELD LOCATED.
 4. EXISTING STRUCTURES SHOWN HEREON ARE TO REMAIN.
 5. THIS PLAN IS BASED ON A FIELD RUN BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY THE UNDERSIGNED IN DECEMBER OF 2005.
 6. THIS SURVEY HORIZONTALLY AND VERTICALLY IS TIED TO HOWARD COUNTY CONTROL MONUMENTS, (NAD 83 HORIZONTAL AND NGVD 29 VERTICAL DATUM).
 7. HOWARD COUNTY HEALTH DEPARTMENT PERCOLATION TEST No.
 8. TOPOGRAPHY SHOWN IN THE FLOOD PLAIN AREA IS SCALED FROM HOWARD COUNTY GIS SURVEY FILE.
 9. THE 100 YEAR FLOOD PLAIN LINE IS SCALED FROM THE FIRM MAP PANEL No. 24004400378 LAST REVISED DEC. 4, 1986 AND IT IS APPROXIMATE.

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF A MINIMUM OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

- LEGEND
- EXISTING WELL
 - EXISTING CLEANOUT
 - ⊕ EXISTING MAILBOX
 - ⊕ EXISTING TELEPHONE PEDESTAL
 - ⊕ EXISTING ROAD SIGN
 - ⊕ EXISTING POWER POLE
 - ⊕ EXISTING ELECTRIC TRANSFORMER
 - ⊕ EXISTING DECIDUOUS TREE
 - ⊕ EXISTING EVERGREEN
 - ⊕ EXISTING BUSH
 - ▭ PROPOSED SEPTIC FIELD
 - ▭ SLOPES EQUAL TO OR GREATER THAN 25%
 - PERCOLATION TEST (PAST)
 - PERCOLATION TEST (FAILED)

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____

PLAN PREPARED BY:
NJR & ASSOCIATES
 Land Surveying and Planning
 8015-B DORSEY RUN ROAD
 JESSUP, MARYLAND 20794
 TEL: (410)799-0089
 FAX: (410)799-9068

REVISIONS

1.	01/30/07, REVISED AS PER HEALTH DEPT. COMMENTS.
2.	09/04/07, REVISED FOR SAND MOUND SYSTEM.

DATE: DEC. 19, 2005
 JOB NUMBER: 2638
 FILE NUMBER: 2638DWG
 PLOTTED: SEP. 04, 2007
 DRAWN BY: NR
PERCOLATION CERTIFICATION PLAN
 SHEET 1 OF 1

