

# APPLICATION

PERCOLATION TESTING

A 517397

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

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 JAMES, MARY & DON PATTERSON  
DOROTHY EASTER, THERESA BASS

IN CARE OF: DON PATTERSON  
ADDRESS P.O. BOX 1 GLENELL MD. 21737 PHONE 410-442-4475

AGENT OR PROSPECTIVE BUYER TRIADDELPHIA FARM LLC  
IN CARE OF PAUL REVELLE

ADDRESS 6258 CARDINAL COLUMBIA, MD 21044 PHONE 410 992 5805

PROPERTY LOCATION:

SUBDIVISION HOPKINS CHOICE LOT NO. 32

ROAD AND DESCRIPTION PROPOSED ROAD EXTENDING RYON DRIVE

TAX MAP 21 PARCEL # 111

SIZE OF LOT SF CLUSTER 40,000<sup>±</sup> TYPE BLDG. SF  
(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'

10

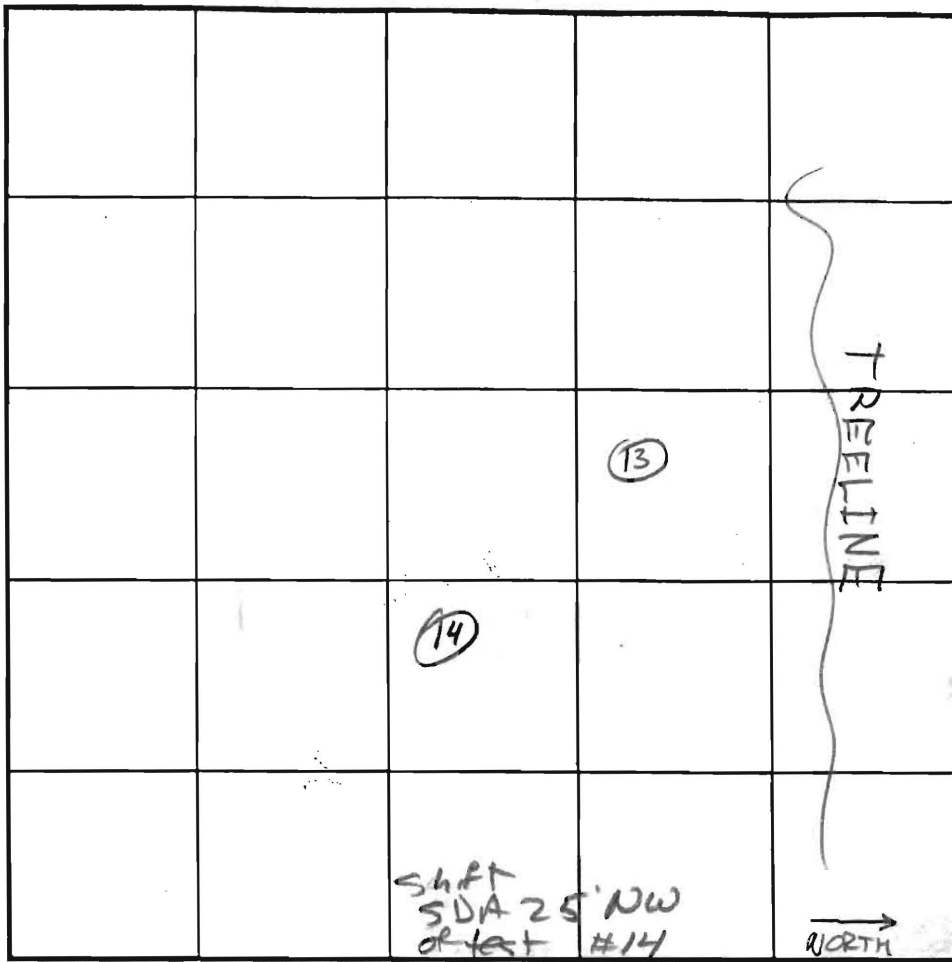
Empty vertical box for soil profile 10.

11

Empty vertical box for soil profile 11.

12

Empty vertical box for soil profile 12.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

13

red brown  
CL

---

1 1/2' red brown  
SCL  
w/10-15%  
channery

---

3' red brown  
L w/5%  
channery

---

3' Fine  
SL  
w/40%  
channery  
frag

1 1/2

3'

3

14

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	10						
	11						
	12						
	<del>13</del> 14	4 / 14	11:22:00	11:23:15	11:23:15	11:27:30	4:15 OK

REMARKS Test data for # 10, 11, + 12 on sheet marked "Lot 2/3"

TYPE OF SOIL \_\_\_\_\_

TESTED BY J.B. + K.N. ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA. AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

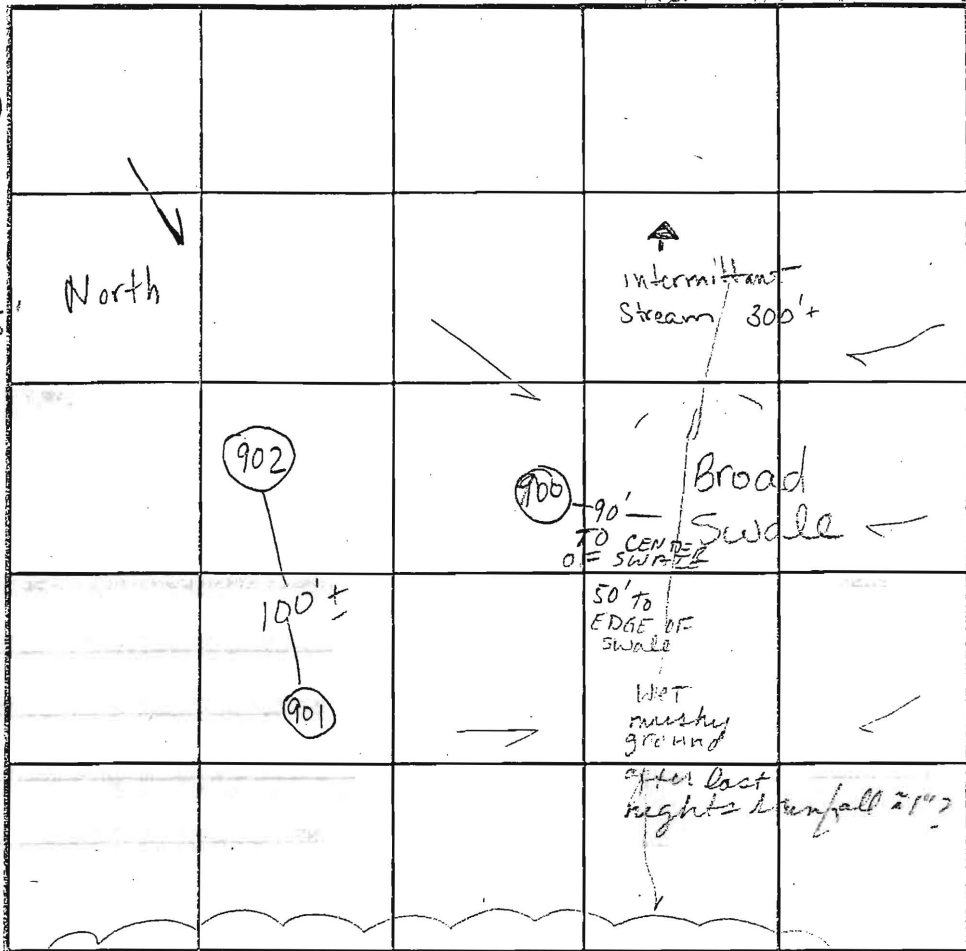
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

COUNTY #

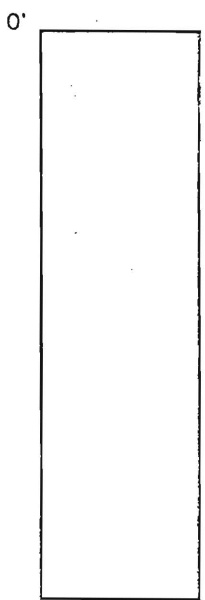
SOIL PROFILE

0' (902) (901)  
 Strong org hvy silty trace Rock  
 2'  
 Silty Loam  
 4 1/2' - 5'  
 lt org loam around lo' or so fine loamy sand  
 14'  
 Bottom

Chocbrn Sbk Struct silty  
 18"  
 loam-fine sandy loam  
 Trace Rx  
 org loam  
 U.F. Saprolite Mn nodules 2" water  
 10'  
 13'  
 Bottom



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-2-03	902	5' / 14'	9:56 <sup>30</sup>	10:00 <sup>30</sup>	10:00 <sup>30</sup>	10:07	7 min
	901	3' 8" / 14'	10:03 <sup>46</sup>	10:15	10:15	10:30	15 min
	900	4' / 13'	10:26	10:29	10:29	10:33	4 min
<p>Recommended → Move uphill from #900</p>							

REMARKS: Submit plan with field located holes

TYPE OF SOIL: \_\_\_\_\_

TESTED BY: Kace ALSO PRESENT: Justin & Paul

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

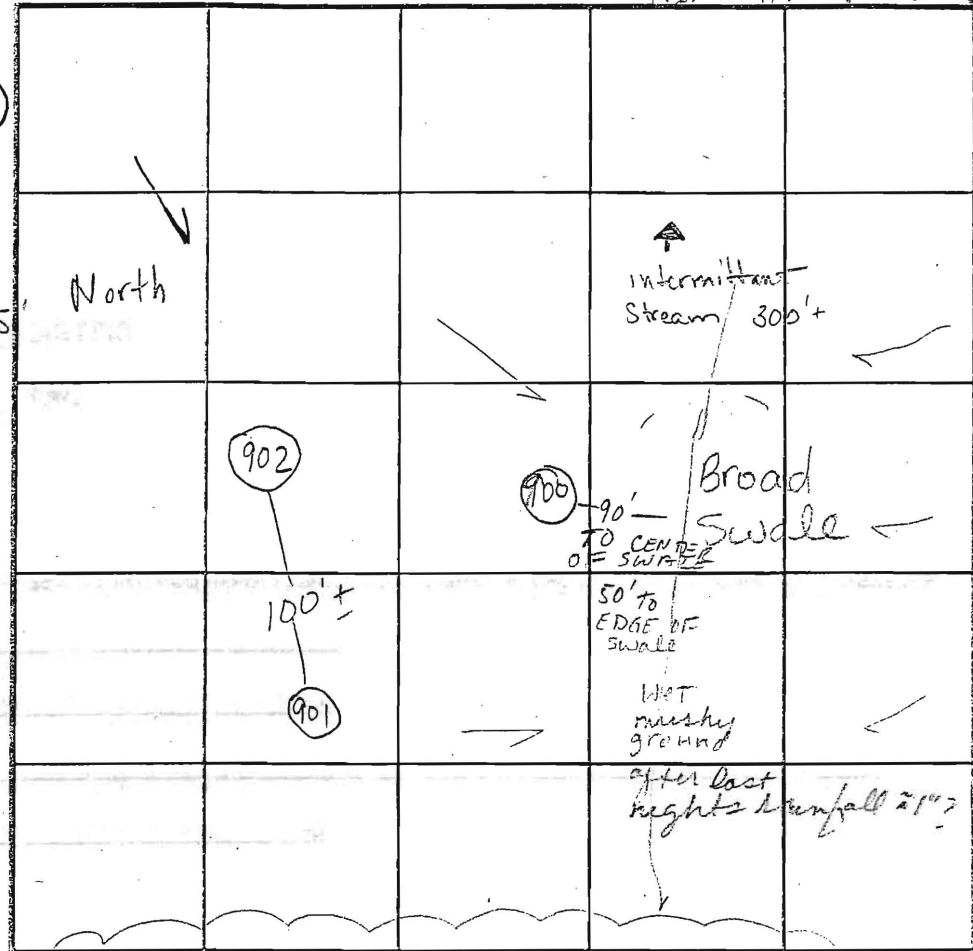
COUNTY #

SOIL PROFILE

0' (902) (901)  
 Strong org  
 hvy siltm  
 trace Rock  
 2'  
 Siloam  
 4 1/2' S  
 Lt org  
 loam  
 around  
 1' or  
 So fine  
 loamy  
 sand  
 14'  
 Bottom

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

encbrn  
 Sbk Struct  
 siltm  
 18"  
 loam-  
 fine  
 sandy  
 loam  
 Trace Rx  
 org loam  
 U.F. Saprolite  
 Mn nodules  
 2mm  
 water  
 Bottom  
 13

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-2-03	902	5' / 14'	9:56 <sup>30</sup>	10:00 <sup>30</sup>	10:00 <sup>30</sup>	10:07	7 min
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<p>Recommend → Move uphill from # 900</p>							

REMARKS Submit plan with field located holes.

TYPE OF SOIL \_\_\_\_\_

TESTED BY Kace ALSO PRESENT Justin + Paul

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

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A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
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3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
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PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. Center holes for  
LOTS 2, 3, and 4

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

## THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' **20A**  
 Brown SILL  
 ↓  
 Loam  
 3' red/orange  
 LS  
 w/ < 5%  
 channer  
 frags

13

27A

Brown SILL

2 1/2

Brown/red  
L w/ silt  
gravelly Qtz

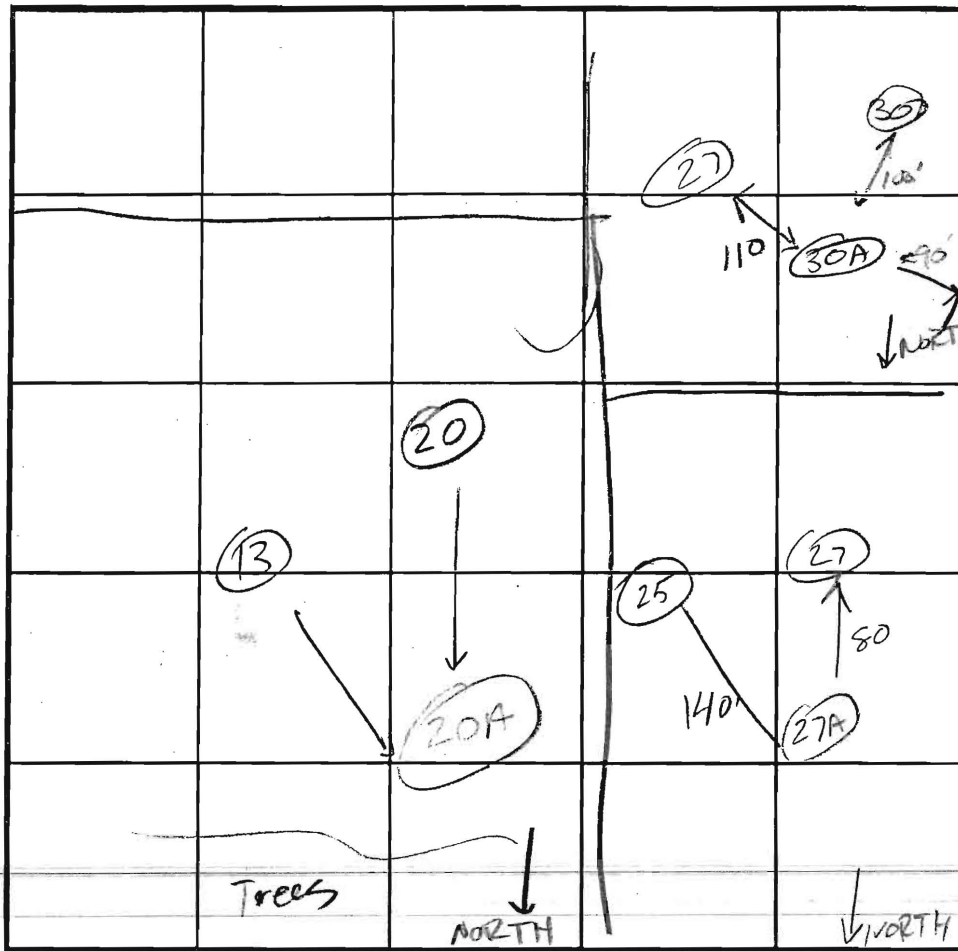
4

brown/red  
LS  
w/ < 5%  
frags

13

30A

Similar to  
27A



SOIL PROFILE

0'   
 SOIL PROFILE

Misfit  
Holes

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/3/02	20A	4 / 13	12:48:00	12:48:15	12:49:15	12:52:15	2	ok
10/3/02	27A	4 1/2 / 13	1:35:00	1:36:30	1:36:30	1:40:30	4	ok
10/3/02	30A	4 1/2 / 14	1:38:45	1:42:15	1:42:15	1:53:15	11	ok

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY JB ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

GrB2

GrB2

ChB2

ChB2

PART OF PRESERVATION PARCEL 'E'

Copy of signed PC

LOT 17  
46,885 S.F.  
SHARED SEPTIC

LOT 8  
33,000 S.F.  
SHARED SEPTIC

LOT 6  
33,800 S.F.  
SHARED SEPTIC

LOT 16  
47,372 S.F.

LOT 9  
33,000 S.F.  
SHARED SEPTIC

LOT 15  
42,488 S.F.

LOT 14  
42,428 S.F.

LOT 13  
46,836 S.F.

LOT 12  
37,123 S.F.

MP 042  
HOWARD COUNTY, MD.  
L.00620/F.0557  
ZONE: RRDEO USE: E

P.5331  
MARK S. SCHLUTER  
& BRENDA D. SCHLUTER  
L.03182/F.0389  
ZONE: RRDEO USE: R  
LOT 14

P.533  
JOHN A. KAPP  
& NANCY H. KAPP  
L.02987/F.0465  
ZONE: RRDEO USE: R  
LOT 13

WELL LOCATION  
IN FRONT OF LOT  
300±

S 03°14'54" E 129.86'

S 89°50'01" W 872.11'

S 89°50'01" W 1105.65'

S 09°11'33" W 1250.71'



WELL

4 1/2" NORTHERN RED PINE

SHARED SEPTIC

30D

30C

30B

30

30A

704

702

27A

703

29

27

701

24A

900

901

20A

13

12

10

11

10

10

30'

30'

30'

30'

30'

30'

30'

30'

30'

30D

30C

30B

30

30A

704

702

27A

703

29

27

701

24A

900

901

20A

13

12

10

11

10

10

30'

30'

30'

30'

30'

30'

30'

30'

30'