

# 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 \_\_\_\_\_

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

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

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

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 13

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

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

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(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' Brown L

2 1/2' Dark red orange heavy SiCL w/ < 10% gravelly frags

8 1/2' Fine red SL  
↓  
Mn nodules become more prominent

15' 204  
Brown L  
red brown SiCL  
2 1/2' red brown SiCL

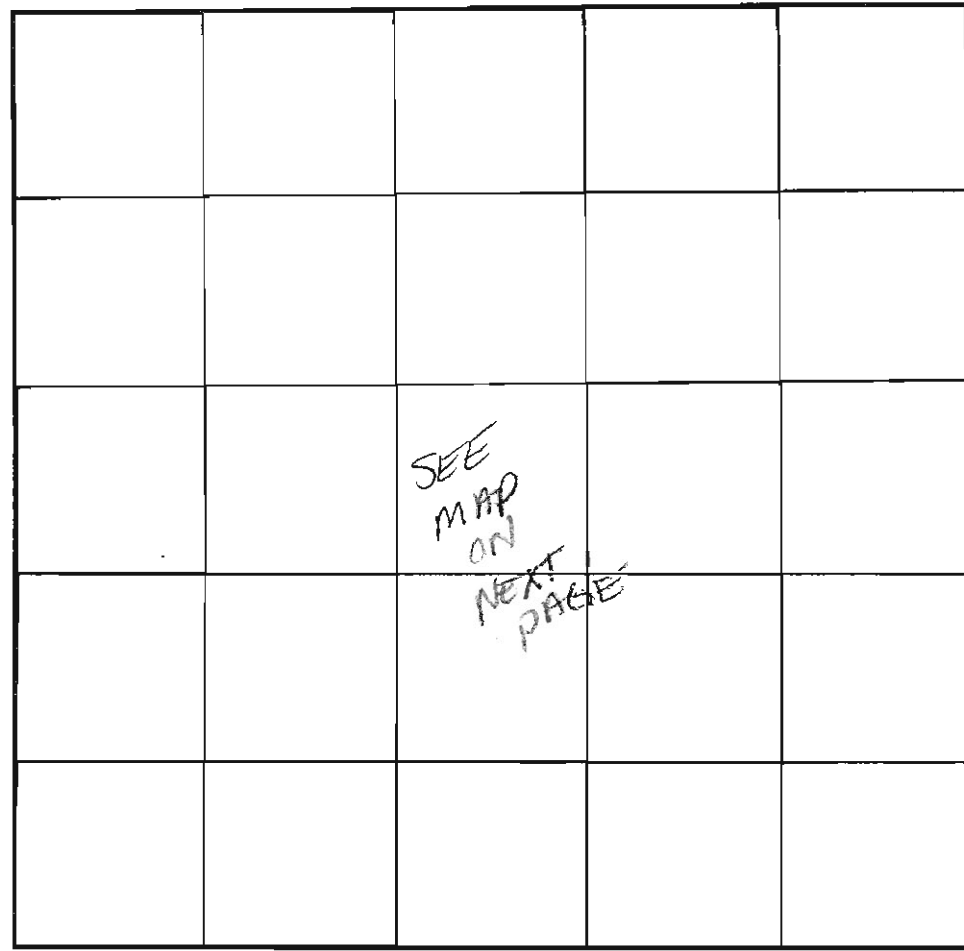
5' red brown SL w/ 5-10% cobbly frags

14' 203  
red orange SiCL

3' red orange L w/ < 5% gravelly frags

5 1/2' red brown SL w/ < 5% gravelly frags

13 1/2'



SOIL PROFILE

202

0' red orange SiCL

1 1/2' red orange L

3' Brown/Red SL w/ 5-10% gravelly frags

13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/8/02	71	5 / 15	9:43:30	10:07:30	NO MOVEMENT		F
		6 1/2 / 15	10:17:30	10:32:00	10:32:00	11:08:15	36.15 F
10/8/02	204	5 1/2 / 14	12:52:15	12:53:30	12:53:30	12:57:30	4 OK
10/8/02	203	6 / 13 1/2	2:00:00	2:01:00	2:01:00	2:02:45	1'4" OK
10/8/02	202	4 / 13	2:06:00	2:09:30	2:09:30	2:13:30	4 OK

REMARKS 200 series Not per plan

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

TESTED BY J. Baris ALSO PRESENT \_\_\_\_\_

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

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

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A 517397

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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 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. 15

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. *Paul Revelle*  
(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



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DATE \_\_\_\_\_

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ADDRESS P.O. Box 1 GLENELG MD. 21737 PHONE 410-442-4475

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

ADDRESS 625B CARDINAL COLUMBIA, MD 21044 PHONE 410 992 5805

PROPERTY LOCATION:

SUBDIVISION HOPKINS CHOICE LOT NO. ~~16~~ 14

ROAD AND DESCRIPTION PROPOSED ROAD EXTENDING RYON DRIVE

TAX MAP 21 PARCEL # 111

SIZE OF LOT SF CLUSTER 40,000 ± TYPE BLDG. SF  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT)

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

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

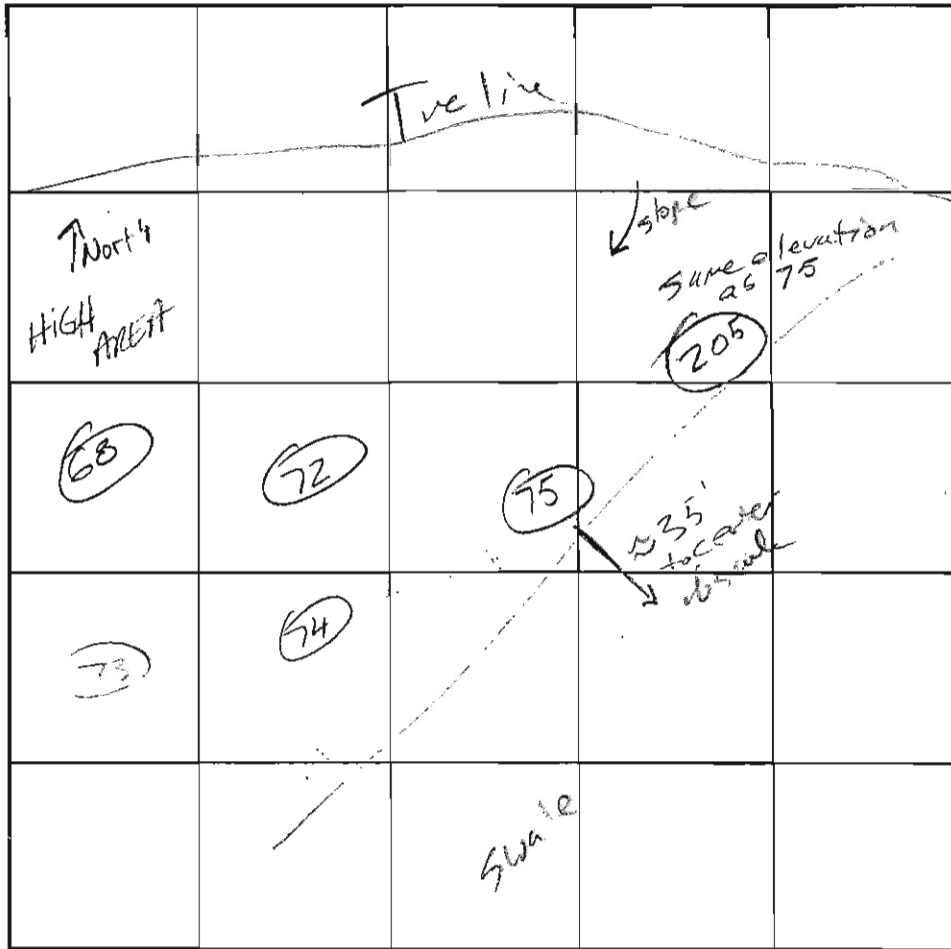
0' 68  
Brown  
SCL

2' red/orange  
SCL

4' L

5 1/2' red/orange  
SL w/  
5-10%  
Cobbly  
fraggs

71



SOIL PROFILE

0' 73  
Brown  
SCL

2' red/orange  
SCL

5' red brown  
L

SL

E

6 1/2

13

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/8/02	68	<del>4 1/2</del> 14	12:33:30	12:44:00	12:44:00	1:06:00	22	ok
		GV material OK					2-7	ok
	ON LOT 155 NOTES	71						
10/8/02	72	<del>8</del> 15	12:28:30	<del>1:15</del> stopped @ 1:15	P. 3000	slow		F
10/8/02	73	<del>6 1/2</del> 13	1:16:00	1:24:15	1:24:15	1:45:30	20 min	ok

REMARKS Holes dug per plan 74

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

TESTED BY J. Boris ALSO PRESENT Dave W.

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

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH 10' 2" SQ FT/BEDROOM \_\_\_\_\_

72

2' Brown L  
4/5-10% cobbly

4 1/2' red/orange  
CL

5 1/2' orange red  
heavy  
SCL w/  
Mn nodules

Heavy  
red/orange  
L

purple SL  
10/5/02

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IN CARE OF PAUL REVELLE

ADDRESS 6258 CARDINAL COLUMBIA, MD 21044 PHONE 410 992 5805

PROPERTY LOCATION:

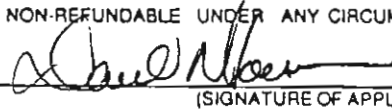
SUBDIVISION HOPKINS CHOICE LOT NO. 11, 12, 14

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)

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

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COUNTY #

SOIL PROFILE

STRONG Red Red!  
Quartz frags 10%  
Sticky Clay - CLM

Strong Red Red  
bandy loam  
hard saprolite  
frags

frags  
15-20%  
rock pocket  
HARD BOTTOM

66

Dense  
Red  
CLM  
TRAZE Rx

DENSE  
SCLM  
TRAZE Rx

ybrn  
tan  
med.  
grained  
sand

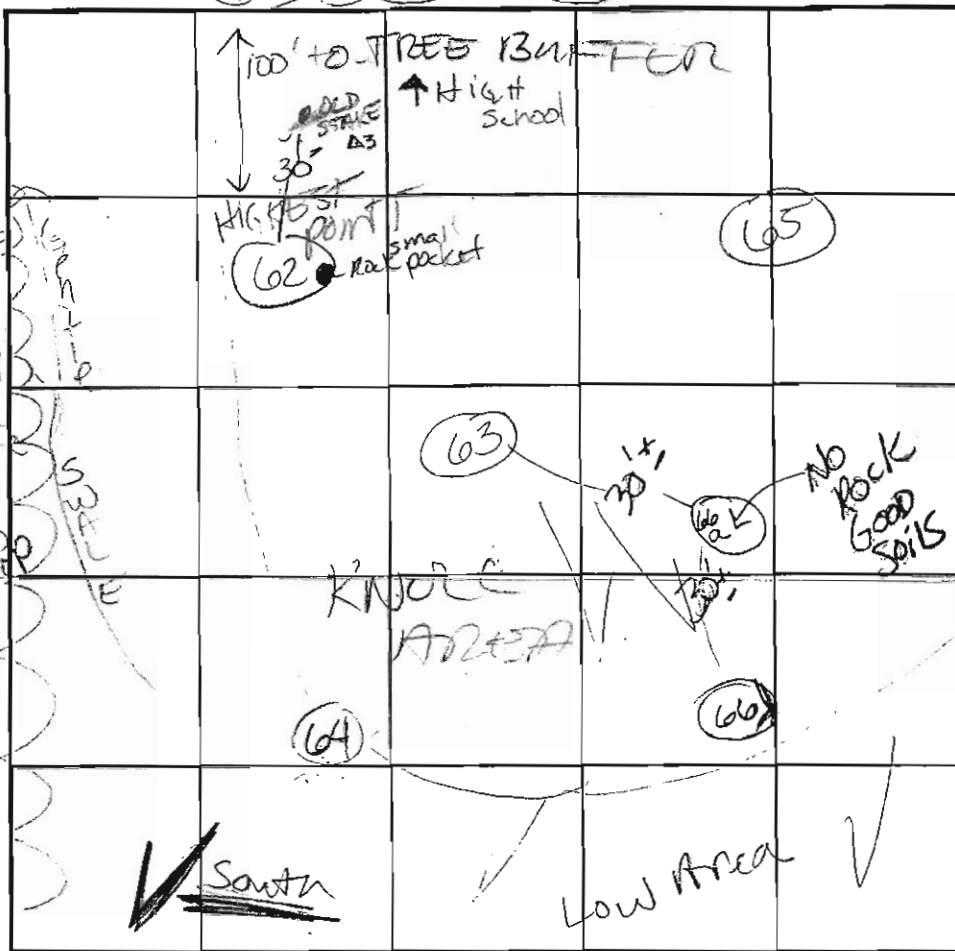
Trace  
Rx  
faint tan ybrn  
La Mn aggregate

64

Same  
as  
62  
but  
@ 7'  
Rx frag  
begin

cherty  
frags  
30%

Hard bottom



SOIL PROFILE

63

Dense  
Sticky  
Klycl Lm

Loamy  
Sand

10-15%  
pocket  
Rx

65

dense  
CLM

pinkish  
sand  
TRAZE Rx

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-03-02	62	6' 12'	2:08 HARD BOTTOM	2:13:15	2:13	2:21	8 min OK
		strong yellow		med grained sand			begin
		@ 8 1/2'		strong yellow med grained red Lm			MOIST SAND NO MOTTLE SEEN
	64	5 1/2' 12' HB	2:26	2:44	2:44	@ 3:04	20 min OK
	66	6' 5" 13' V	2:32:30	2:33:30	2:33:30	2:35:30	2 min OK
	63	6' 5" 11 1/2'	2:39:33 HARD BOTTOM	3:04	3:04	3:27	23 min OK
	65	5' 3"	2:45:39	2:46:30	2:46:30	2:48:30	2 min OK
	64	TESTING IN ROCK	3:16:30	3:18:03	3:18:03	3:21	3 min OK
	66	Soil Profile					OK

REMARKS 1 hole not per plan - 66

TYPE OF SOIL AREA PASSES

TESTED BY KN ALSO PRESENT DAVE W +

TRENCH DESIGN DATA. AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ FT/BEDROOM

SAMUEL WAYNE KILLEBREW  
& REBECCA ANN KILLEBREW  
L.02889/F.0273  
ZONE: RRDEO USE:R  
LOT 19

WAYNE G. DRIVER  
& CAROL H. DRIVER  
L.03168/F.0328  
ZONE: RRDEO USE:R  
LOT 18

*Approved  
Prop. Cont.*

**EKA**  
E 1310700

N 583650

**CgB2**

P.152  
VAN W. JOHNSON  
& BABETTE B. JOHNSON  
L.2563/F.0499  
ZONE: RRDEO USE: R  
LOT 4

**ChB2**

P.153  
BRUCE R. KENDALL  
& VALERIE L. KENDALL  
L.04195/F.0616  
ZONE: RRDEO USE: R  
LOT 5

**ChB2**

SHARED  
C RESERVE  
AREA  
100 S.F.

