

6-16-86
J. Fyock 1130

APPLICATION

1531
5745
37092

PERCOLATION TESTING

A _____
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____
DATE 6/3/86

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER RICHARD OYSTER

ADDRESS 14576 MONTICELLO DR. COOKSVILLE, MD. 21723 PHONE 442-2814

PROSPECTIVE BUYER MICHAEL + BETH VARNEY

ADDRESS 9205 49TH AVE. COLLEGE PARK, MD. 20740 PHONE 345-5787

PROPERTY LOCATION:

SUBDIVISION FORSYTHE ESTATES LOT NO. 6A

ROAD AND DESCRIPTION MONTICELLO DR.

TAX MAP 8 PARCEL # 6A

SIZE OF LOT 1.76 ACRES 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.

Michael E Varney
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING G 1/17/86 - WET SEASON PROBABLY
NO WHERE LEFT TO DIG ON THIS LOT
TO AVOID UNDERGROUND WATER R/D

THIS IS NOT A PERMIT

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 49/61

P _____

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

DISTRICT _____

DATE 4/20/93

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 Richard H. Oyster

ADDRESS 14576 Monticello Drive, Cockville, Md 21723 PHONE _____

AGENT OR PROSPECTIVE BUYER Clifford E. Stein

ADDRESS 2003-C Commerce Park Drive, Annapolis, Md 21403 PHONE (410) 224-0005

PROPERTY LOCATION:

SUBDIVISION Forsythe Estates LOT NO. 7A, 6A, 6B and 6C

ROAD AND DESCRIPTION E/S Monticello Drive approx. 700 feet south of Rt. 97

TAX MAP _____ PARCEL # _____

SIZE OF LOT Total > 7.6 acres, Two lots @ 3.8 acres 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.

Clifford E. Stein
(SIGNATURE OF APPLICANT)
Agent for Thomas G. + Dorothy D. Oyster

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

R. Oyster Property

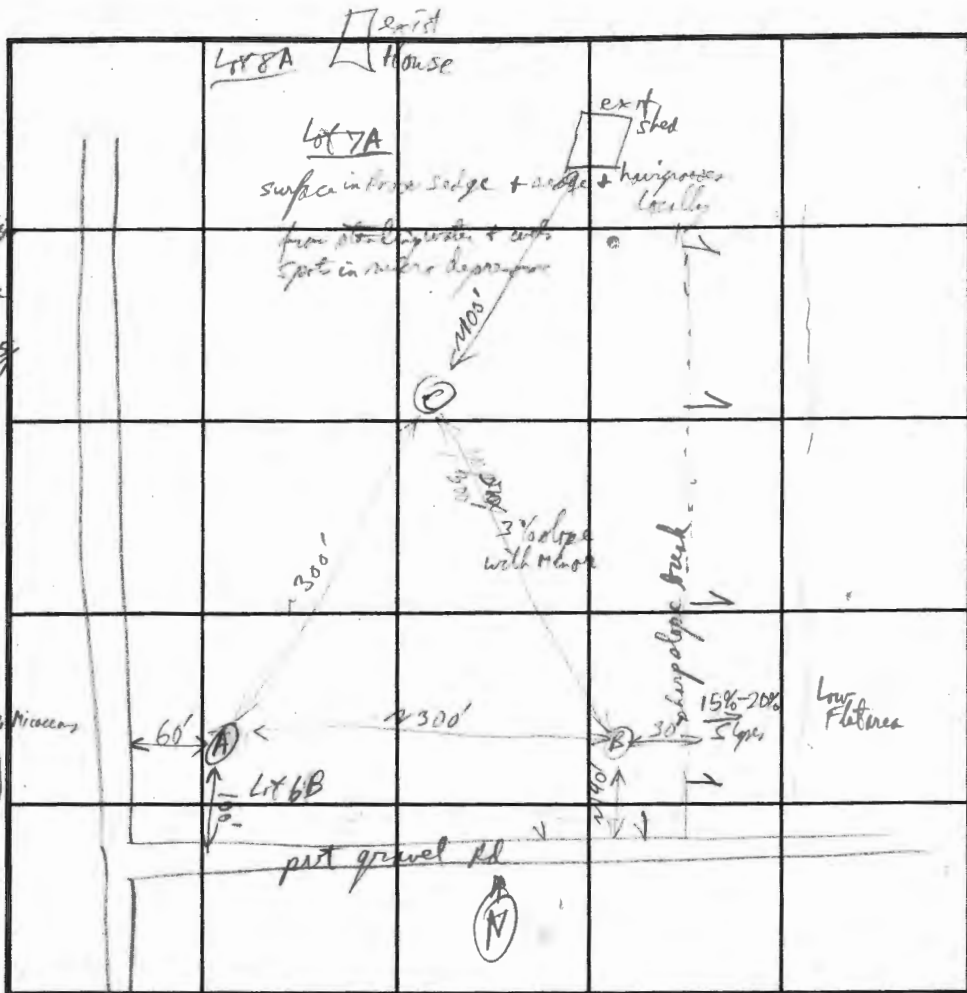
COUNTY #

Lot 6B Hole A
Standing SOIL PROFILE
Surf. to A=TP1

- 1A 18" top grey loam
- 1B 18" top yellow CL
- 2 2" Red TC var 5% R
- 3 2" Red TC var 5% R
- 5 1/2" Red 2.5% R
- 6 1/2" Red 2.5% R
- 6 1/2" Red 2.5% R
- 2B Red HCL-CL
- 2B Red HCL-C
- 11 Brown
- 2C 10% 4/3 - 2.5% 4/4
- 14 dense soil
- 15 yellow loam
- 16 Purple SL 10R 5/3
- 17 Purple SL 10R 5/4

Hole B
no 2" Ap
yellow loam
+ CL
Less
Dense
+
Mfr Mostly

- 12 grey compact loam
- 13 Red-yellow CL 2.0% R 4/5
- 16 OK grey clayey soil
- 2B 2.5% 4/4 + 1/2 loam
- 2B 2.5% 4/4 + 1/2 loam
- 2B 2.5% 4/4 + 1/2 loam
- 2B 2.5% 4/4 + 1/2 loam



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

- Hole C
- 0' yellow Red + R
 - HL-L
 - Fill
 - 5' dk grey h-L
 - 6.2' dk yellow CL
 - 7.3' yellow Red C
 - 7.3' Red hCL
 - 11' 2 Phlogopite
 - 12' yellow CL-SC
 - 14' dk grey clayey CL
 - 14.5' blue 2.4% 4/4 CL
 - 16.6' yellow SL 7.5% R 5/4
 - 16.6' yellow SL 10% R 5/4
 - 4 Sandy 2 depth
 - 2 1/2 white + cream silty SL
 - 24' Fracture at bottom
- CM Rpt @ 13 1/2 - 15 1/2

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-30-93	TP1-A	V24	3 1/2 hrs	water seepage @ 22-24'	22-24'		
	B	V24		unable to test at this time			
	C	V24		good soils at 14 1/2 ft - Not able to leave hole open for water table check @ this time			

REMARKS: Need additional Testing - Augered perc hole technique was suggested.

TYPE OF SOIL: _____

TESTED BY: *[Signature]* ALSO PRESENT: *[Signature]*

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

August 20, 1986

Mr. Michael Varney
9205 49th Avenue
College Park, Maryland 20740

RE: Percolation Testing
Lot 6A Forsythe Estates
Monticello Drive

Dear Mr. Varney:

Percolation testing begun June 17, 1986 on the above referenced lot could not be completed. Water was encountered rather high on the lot in the only test hole attempted.

Additional attempts would have to be conducted earlier in the spring when the water table is at its highest level, in order to determine that a septic system could be expected to operate properly year-round.

Given the level of water encountered in June, approval for a conventional system is very much in doubt. The approval standards for an innovative and alternative system are somewhat less restrictive. If you choose to test again, it is recommended that you specifically request testing for an innovative system at the same time.

If you have any questions relative to this matter, please call me at 461-9933.

Very truly yours,

Craig Williams, Director
Water and Sewerage Program

CW:JR

cc: Richard Oyster

APPLICATION

PERCOLATION TESTING

A 37092
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____
DATE 4/3/84

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

✓ PROPERTY OWNER RICHARD OYSTER

✓ ADDRESS 14576 MONTICELLO DR., COOKSVILLE, MD. 21723 ✓ PHONE 442-2814

✓ PROSPECTIVE BUYER MICHAEL + BETH VARNEY

✓ ADDRESS 9205 49TH AVE. COLLEGE PARK, MD. 20740 ✓ PHONE 345-5787

PROPERTY LOCATION:

✓ SUBDIVISION FORSYTHE ESTATES ✓ LOT NO. 6A

✓ ROAD AND DESCRIPTION MONTICELLO DR.

✓ TAX MAP 8 ✓ PARCEL # 6A

✓ SIZE OF LOT 1.76 ACRES ✓ 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.

Michael E. Varney
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

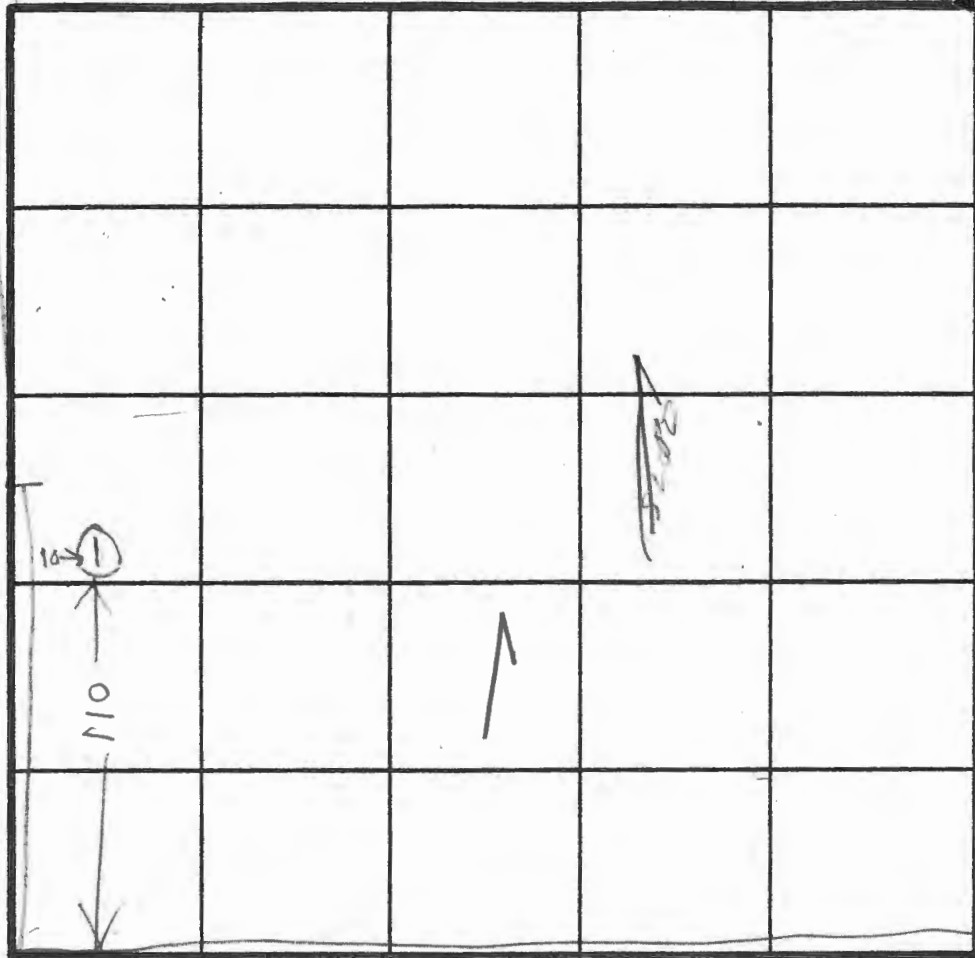
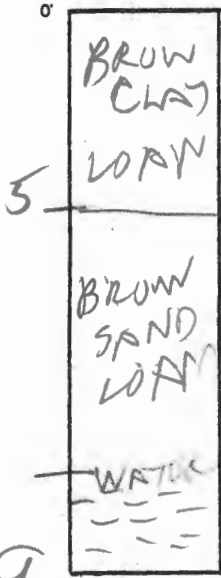
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

280

275

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TO MONTECELLO DR

105

110-

MAY 14 1 51 PM '86

EMERSON HEAVY

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/13/86	IV	9	WATER		8 FT		

REMARKS LOT HAS VERY GENTLE SLOPE POSSIBLE TO PERC A LITTLE HIGHER BUT WILL BE WET

TYPE OF SOIL

TESTED BY R. HODGES

ALSO PRESENT JACK FROCK
\$ SKIP

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER RICHARD H. & SUSAN M. OYSTER

ADDRESS MONTICELLO DRIVE PHONE 301-442-2814

PROSPECTIVE BUYER ALLAN E. MILLER

ADDRESS 14 RED HEARTH CT. BALT. MD. 21227 PHONE 301-247-8495 (H)
247-0955 (w)

PROPERTY LOCATION:

SUBDIVISION FORSYTHE ESTATES LOT NO. LOT 6A

ROAD AND DESCRIPTION MONTICELLO DRIVE

TAX MAP 8 PARCEL # 330

SIZE OF LOT 1.76 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.

Allan E. Miller
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

9/23/87
9:30 AM

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER RICHARD H. & SUSAN M. OYSTER

ADDRESS MONTICELLO DRIVE PHONE 301-442-2814

PROSPECTIVE BUYER ALLAN E. MILLER

ADDRESS 14 RED HEARTH CT. BACT. MD. 21227 PHONE 301-247-8495 (H)
247-0955 (w)

PROPERTY LOCATION:

SUBDIVISION FORSYTHE ESTATES LOT NO. LOT 6A

ROAD AND DESCRIPTION MONTICELLO DRIVE

TAX MAP 8 PARCEL # 330

SIZE OF LOT 1.76 TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Allan E Miller
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

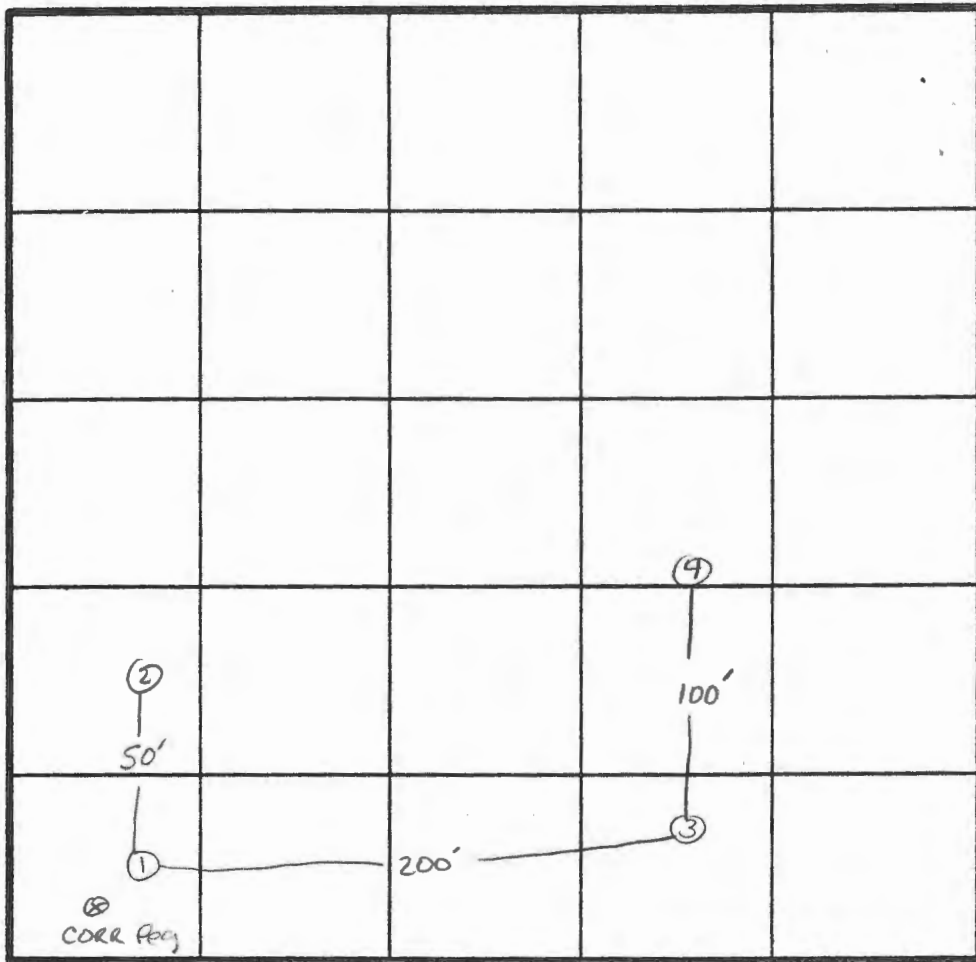
REASONS FOR REJECTION OR HOLDING 3-23-87 PERC UNSATISFACTORY FOR ONSITE CONVENTIONAL
TRENCHES OR MOUNDS. Slight poss. of I+M w/o structural changes
to soil. See

THIS IS NOT A PERMIT

④

SOIL PROFILE

A1-3
 Yellow BR
 Silty CLAY
 Contain w/
 many
 grey/red
 mottles
 From 14" to
 water
 entering
 hole at
 39", 45"
 Stone from
 40" to 11"
 remain
 silty loam
 9-12% clay



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
ROW

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/23/82	1 S	70"	10:51	10:58	11:58	11:10	12 MIN	
	1 V	188"	HARD BOTTOM					
	2 S	41"	10:54	NO MOVEMENT AFTER 30 MIN				
	2 V	109"	WATER LEVEL AT 94" AFTER 2 HR.					
	3 S	45"	10:59	11:27	11:27	12:02	35 MIN	
	3 V	180"	WATER LEVEL AT 102" AFTER 2 HR.					
	4 V	See Profile						

TEST DEPTH SHOWN ABOVE MAX. FOR CONVENTIONAL MOUND OR TRENCH

REMARKS _____

TYPE OF SOIL _____

TESTED BY S. Abel ALSO PRESENT PAT Lindholm
Allen Miller

EH-12-1079

2-5-87

FORSYTHE EST. LOT 6A

SITE Insp.

LOT LOW LYING; H₂O SHALLOW DEPTH
SLOPES FROM R.O.W TOWARD THE N + ~~NE~~^{NW}

HIGHEST WLC TESTED $\approx 100'$ FROM R.O.W WATER AT 8' BK CLAY
TO NS-

RECOMMEND:

① RETEST HIGHEST PART OF LOT AND PLACE WELL ON EASEMENT
OR PURCHASE HIGHER GROUND FROM ADJACENT LOT. \Rightarrow FOR NON MOUND
CONVENTIONAL.

② RETEST CONVENTIONAL MOUND IN W.S. PROSPECTIVE BUYER
AWARE OF LOSS OF SUCCESS - AWARE OF COST.

③ RETEST I+A MOUND. AWARE OF TIME TO APPROVE THIS
PROCESS.

WILL REBEST FOR #1 + 2 AND CONTINUE TEST TO ADVISE OF
LIKELIHOOD OF #3.

S. J. [Signature]

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

April 6, 1987

Mr. Richard Oyster
14576 Monticello Drive
Cooksville, Maryland 21723

RE: Forsythe Estates - Lot 6A
Tax Map 8 Parcel 330

Dear Mr. Oyster:

Percolation testing conducted on March 23, 1987 on the above referenced lot revealed unsatisfactory soil conditions. The presence of a high water table and slow permeable soil results in this lot being unsuitable for on-site conventional trenches or mounds.

If you have any questions concerning this matter or wish to further discuss options for this lot, please feel free to contact me at the above address.

Sincerely,



Craig Williams, Director
Water and Sewerage Program

CW:JR

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

January 23, 1987

Mr. Allan Miller
14 Red Hearth Court
Baltimore, Maryland 21227

Dear Mr. Miller:

Enclosed is the information regarding the status of Lot 6A, Forsythe Estates.

If you have any questions regarding this matter, please call Craig Williams at 461-9933.

Very truly yours,

A handwritten signature in cursive script that reads "Frank A. Skinner".

Frank A. Skinner, Assistant Director
Bureau of Environmental Health

FAS:hs

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

*See also Boring log by Cliff Stein
(could not get supplied to this office)
5/14/93 - our electric tape was too wide to
take with table reading of 1/2" PVC pipe
in monitoring wells.*

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM. *in monitoring wells.*

PROPERTY OWNER Richard Oyster

ADDRESS _____ PHONE _____
consultant firm: Earth Data, Inc

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Forsythe Estates LOT NO. 7A+7B; 6A, B, C

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 _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS *Cliff Stein to Contact us later this year for additional* DATE 8/5/93

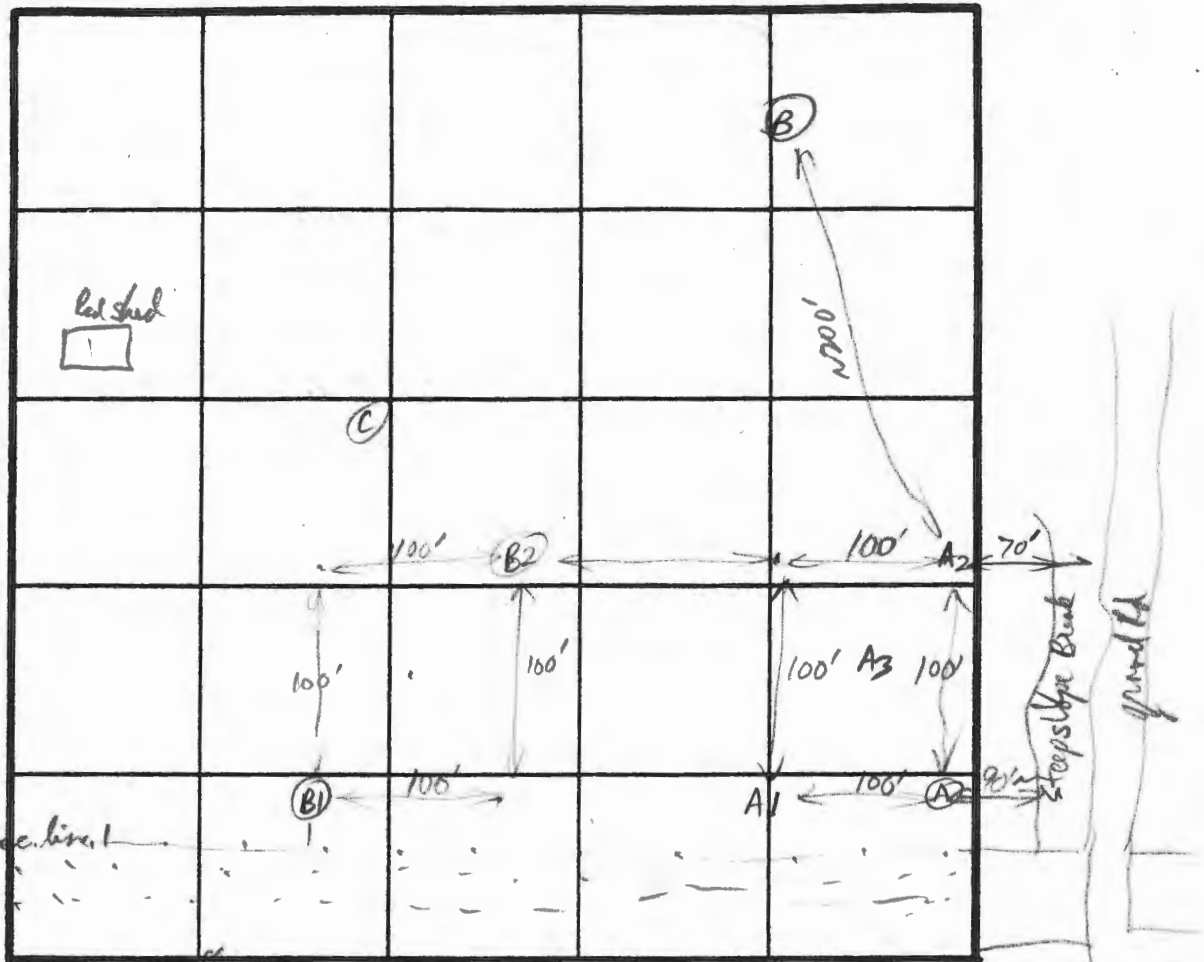
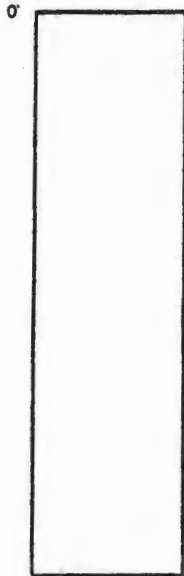
REASONS FOR REJECTION OR HOLDING *Testing around lots 7A+7B & lots 6A+6B (water table too high relative to good soil limits (i.e. water table only 1 ft below beginning of sandier permeable sub)).* *APP 7/6/93*

HD-216

THIS IS NOT A PERMIT

soil
property

SOIL PROFILE



15.6

Tree line

Indicate North - Name Adjoining Roadway as Base Line.

to 11:30
for field 1:39

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/24/03	B1	25' deep 27' core 16.3' water @ 15.3'	24.85	24.55 @ 11:53	25.175	24.25 @ 6:30	
	T.D. 26.93' B2	25' deep 27' core	24.25	23.75 @ 2:53	25.177	23.03 @ 6:23	
	Total core 26.6' A1		20.77	19.95 @ 5:00	20.42	19.82 @ 6:18	
	T.D. 27.55-55-27.0 A2		20.95	20.4' @ 6:31			

REMARKS

TYPE OF SOIL

TESTED BY

Fill +
R.P. Wally

ALSO PRESENT

Cliff Steen of Earth Data, Inc.
Fred Trimble (soil driller)
Mr. Oyster for SGM, named



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer
December 29, 1997

Mr. and Mrs. Richard Oyster
14576 Monticello Drive
Cooksville, Maryland 21723

RE: Oyster Properties
Monticello Drive

To Whom it May Concern:

As requested, here is our department's assessment of the buildable status on the several lots identified below:

Lots 7A, 6B and 6C (otherwise known as Tax Map 8, Block 17, Parcels 332, 331 and 262 respectively) were tested in April and May of 1993 and found to be unsuitable for any type of sewage disposal system. These lots were found to have Native soils with very high seasonal water tables underneath 12-16 ft of clayey fill material. Such soils are rated unsuitable due to extremely slow percolation rates; or, with regard to water tables, lack sufficient depth of suitable soils as required by State Regulations.

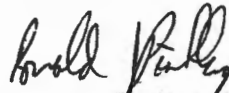
Lot 7B (Parcel 261) was near enough to actual test holes and has a history of fill material and similar soil types to be rated unsuitable for the same reason as Lot 7A.

Lot 6A (Parcel 330) was tested in June 1986 and again in March 1987. Although this lot lacked the deep clayey fill soils, topographical drainage features and test results indicate high water tables over most of the lot, making it unsuitable for conventional sewage disposal systems. The lot was identified as marginally suitable for possible use of sand mound type sewage disposal systems. Final acceptance or denial of this possible use of this lot is pending more definitive sand mound testing and submission of a viable plan for this department's review. Compared to other lots previously reviewed by myself over the last 10 years for sand mound system designs, this lot is rather limited in usable area and has only a fair to poor chance for successful evaluation.

In summary, this department views lot 7A, 7B, 6B and 6C as definitely unbuildable. Lot 6A is insufficiently tested to render a final decision on that status, but is viewed as a poor prospect for development.

If you have any questions on this matter, please call me at 410-313-2640.

Respectfully yours,

A handwritten signature in cursive script, appearing to read "Ronald J. Pinkley".

Ronald J. Pinkley, RS
Water and Sewer Program

RP:TL

Memo: File only
From: Ron Pinkley, R.S.
Howard County Health Dept
Water + Sewerage Program

5/19/95

RE: Oyster Property
lots 6A, B, C + 7A, B
Forsythe Estates
Monticello Drive (A37092)

Summary of Percolation and Soil Testing Results of April 30th and May 24th, 1993. Testing was supervised by Mr. Clifford Stein of Earth Data, Inc and witnessed by Ron Pinkley of this office on the two test dates. On April 30th excavation was performed by an extend-a-hoe capable of digging to a depth of 22 ft. This was extend 4-5 ft deeper by digging a shelf for the machine to extend its range. Such a technique was time consuming, resulting in only 3 excavations in one day's activity and unsuitable for conducting percolation tests at great depth, nor for observing water tables as the test holes could not be left open long enough for rising water tables to stabilize.

On May 24, 1993 testing consisted using a well drilling machine giving 8 inch diameter soil borings and performing percolation tests in these holes at various depths during the boring. 5 test holes were developed on that day.

Results of the two days of testing confirmed the presence of variable, shallow, seasonal water tables over the entire area tested. The testing also confirmed the presence of variable, deep layers of fill material overlaying the original soil horizons. The depth of fill varied from 10'-18 ft depending on the test sites.

SP lot 6A was not tested at this time. tests A + B on April 30 and A₁, A₂, A₃ on May 24th demonstrated lots 6B + 6C as unsuitable for any sewage disposal use, due to ^{the} very limited zone of sandier soils between the water table observed and the clayier soil horizons nearer the surface. In addition percolation rates were too slow for conventional sewage disposal systems (being close to 60 min/inch of fall).

Memorandum To the File
From R.J.P.

5/9/95

Page 2

Oyster Property
Lots 6 A, B, C; 7 A + B
For the Estates

Although water table conditions were less severe on Lot 7A, the percolation rate at test Hole B1 was still too slow at the depth tested and water tables were still rising when testing was finished. Monitoring pipes were left in several test borings for subsequent water table measurements, but the pipe used proved to be too narrow for our electrical tape equipment. Mr. Stein was supposed to have sent us copies of his data logs and contacted us about further testing if his client was agreeable. Since we've not been further contacted it appears the owner has chosen to forgo further testing for the foreseeable future.

RJP 5/9/95

4/6/93

From the desk of . . .

Thomas G. Oyster

Clif Steer

Check herewith for

sewage disposal site evaluation

Richard Oyster (my son) property

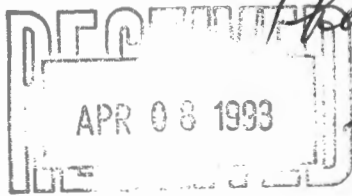
Howard Co Md.

14576 Monticello Dr.

Cooksville, Md. 21723

Franks and Good luck

Tow Oyster



Thomas G. Oyster
Blunt Marsh Farm
Box 643641
Stevensville, MD 21666

410 643 6419

HOWARD COUNTY HEALTH DEPARTMENT



Receipt

Date April 20 1993

Name Thomas & Dorothy Oyster

Telephone No. 643-6419

DETAILED LOCATION OF SITE, DEVELOPMENT, SECTION, ROAD, LOT NO. & ELECTION DISTRICT

Fosythe Estates Spt 7A, 6A
6B and 6C
Monticello Shire

Percolator Application

Per.

\$ 225.00

Received Payment per CH 2943

ORIGINAL

A-49161

MARYLAND BUSINESS FORMS, INC. R-18468

THIS RECEIPT IS NOT A PERMIT AND IT IS NOT A WARRANTY OF PERFORMANCE OF THE SYSTEM THAT IS INSTALLED

DRIVE

LOT 8 A
2.0861 Acres
L714 - F 368

N 56° 28' 32" E
683.11

LOT 7 B
2.4101 Acres
L714 - F 362

N 56° 28' 32" E
711.01

LOT 7 A
2.6352 Acres
L714 - F 358

N 56° 28' 32" E
476.07

LOT 6 C
1.5774 Acres
L714 - F 352

N 56° 28' 32" E
507.62

LOT 6 B
1.6655 Acres
L714 - F 348

LOT 6 A
1.7677 Acres
L714 - F 344

Temp. Trap with Straw Bales
(See Section)

9' L.F. of Pip-Rap (See Detail)

10' L.F. of 18" CMP
(See Section this Sheet)

Easements for ingress and Egress
12 Wide Driveway

Developer:
Forsythe Estates Limited Partnership
2415 Reddie Drive

CIVIL ENGINEERS ■ LAND PLANNERS ■ LAI
OYSTER, IMUS AND ASSOC
INC.

5/24/93

expressed sidewalk - 10-19'

A3 - piece 19'

Stitch 3.96'

Time in hundreds

Start 22.30 - 0 min

22.35 - 2.18 min

22.37 - 3.22

done - 14.20

22.39 - 17.99

done - 22.89

22.42 - 31.24

(10.184" in 30 min. T. slow)
without crack factor

5/24/83 Oyster Bay

For Split Sand
 used 36" drop of Hammer - counted hammer drops/depth.
 10/20/25/30 = 6" intervals each

augured with well rig - took core @
 core is hammered @ 140 lb wt. - trigger is stacked up, giving an 8" diameter hole with 1/4" exposed around
 to practice

start @ 9.58	15.6'	using a stop watch	1.22 min	Measure # 17.14
	15.7'			
	15.8'		2.39 min	
	15.9'		5.02 min	
	16.0'		8.56 min	
	16.09'		13.49 min	
	16.11'		16.67	
	16.20'		22.72	
	16.21'		26.14	
	16.25'		34.15	
	16.26'		39.64	
	16.31'		48.40	
	16.35'		63.13	

by conversion factor of 2 (for 8" to 12" standard hole)
 or approx 60 min rule Now

Stop test
 or test @ 14.6 - 15.35 ft - core below this depth is a variegated red/pink / Blk Mn stained structure
 16/20/23/20 strokes per 6" depth (at 16.3' - 18.3')
 Study low 5/20/83

A1) @ 14.2 - 4/5/2 = 2 ft drive core

fill @ 14' (17" recovery) organic Matter @ 14.2'

15.5' begin massive reddish - red brown mica SL

> 15.5' - 16.2' yellow - red brown mica SL

18' - 25' reddish mica SL (closest to Test Hole A SL observed)

core - orange massive Saprolite @ Blk Mn stain 25' - 26'
 Var. Tan - Var. red str (unplished lower 6") SL 26' - 29.0' resist to v. moist

at 25' level 25' - 27' → 24.78' - LSL = 24.18' with @ 3:15 start
 Total Depth = 29.25' - 6' = 23.25' below 6.6'

A2) 14-16' core red clay v. moist

18-20' core original w/pea @ 18' 18' - 20' yellow yellow 10YR 4/6 & 10YR 7/1-9/1 hL

@ 25' - 14" recovery (25-26.2') red brown 10YR 5/4 SL-LS 25-25.5' 25Y 5/4 SL-LS moist
 v. moist wet 10YR 7/1 wet 25.5-26'

A3) 15-17 core - organic @ 15' CL - red brown stain

17.2-19 core - 16" recovery - SL v. moist lower half spec - Transition massive Saprolite hL Mn color
 best guess red brown - yellow red brown

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L714 - F 348

N 56° 28' 32" E

N 56° 28' 32" E
280.00

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1.7677 Acres
L714 - F 344

Temp. Trap with Straw Bales
(See Section)

N 56° 28' 32" E

9" L.F. of Rip-Rap (See Detail)

S 56° 28' 32" E

10" L.F. of 18" C.M.P.
(See Section this Sheet)

Easements for ingress and Egress
12' Wide Driveway

Approximate locations only
dated 5/6/93 RJP/CS
620

Developer:
Forsythe Estates Limited Partnership
2415 Reedy Drive

CIVIL ENGINEERS ■ LAND PLANNERS ■
OYSTER, IMUS AND ASS
INC.

Earth Data
INCORPORATED



PROJECT RICHARD OYSTER PROPERTY W.O.

DESCRIPTION Forsythe Estates - Lots 7A, 7B, 6A, 6B and 6C

DATE / /

PAGE 1 OF 3

SITE EVALUATION PROPOSAL

Objective - Determine feasibility of onsite sewage disposal and combining lots into two large lots

Background

Fill cut from I-70 Exit north to Rt. 97 was placed on lots 7A, 7B, 6A and 6B in Forsythe Estates. Fill material was cut from soil mapping units EK, Ch and Cg and is reported to be approximately 20 years old. Fill thickness is believed to range from approximately 5 to 15 feet. The original soils, based on the Howard Co. Soil Survey, included ChC3, ChC2 and CgB2 units at summit and side slope positions (lots 7A, 7B, 6A and 6B) and GnA and CuB units along drainage ways and foot slope positions (lot 6C).

Site reconnaissance on March 31, 1993, revealed perched water in some locations throughout the fill. Perched water was present in scattered locations, primarily in small micro-depressions with no drainage outlets. A few shallow holes, dug into the fill, indicated variable textures with some soil structure development and lack of dominant reduced soil colors.

Field Work

Conduct soil investigation to determine thickness of fill and nature of underlying soils. Conduct soil percolation tests in underlying soils to determine feasibility for deep trench systems, depending on depth to groundwater and bedrock (i.e. 250 to rock fragments). Also assess feasibility of regrading, cutting to remove fill, installation of interceptor drainage to remove perched water at fill/soil contact and possibility of sand mound as alternative system if necessary.

System Types - Deep Trench or Sand Mounds with interceptor drainage