



Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 5 22468

AGENCY REVIEW: _____

DATE 5/13/05

Tax ID# 03-290735

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: 4

- ☐ RESIDENTIAL WITH _____ 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) Evans

DAYTIME PHONE 410 442-1642 CELL _____ FAX _____

MAILING ADDRESS 2574 Thompson Dr Marriottsville md 21104
STREET CITY/TOWN STATE ZIP

APPLICANT Fyock

DAYTIME PHONE 410 988-9270 CELL 240-882-4025 FAX 410 531-1256

MAILING ADDRESS PO Box 89 Glenelg md 21732
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 2574 Thompson Dr LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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.

Robert Fyock
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP

(A)

Red Br
Sa Cl
Loam

2'-25'

Beige
Loamy
Sand
Trace
Rock

6.5'

>50%
Rock
Hard
Bottom

9'

(B)

Red Br
Sa Cl Loam
Trace Rock

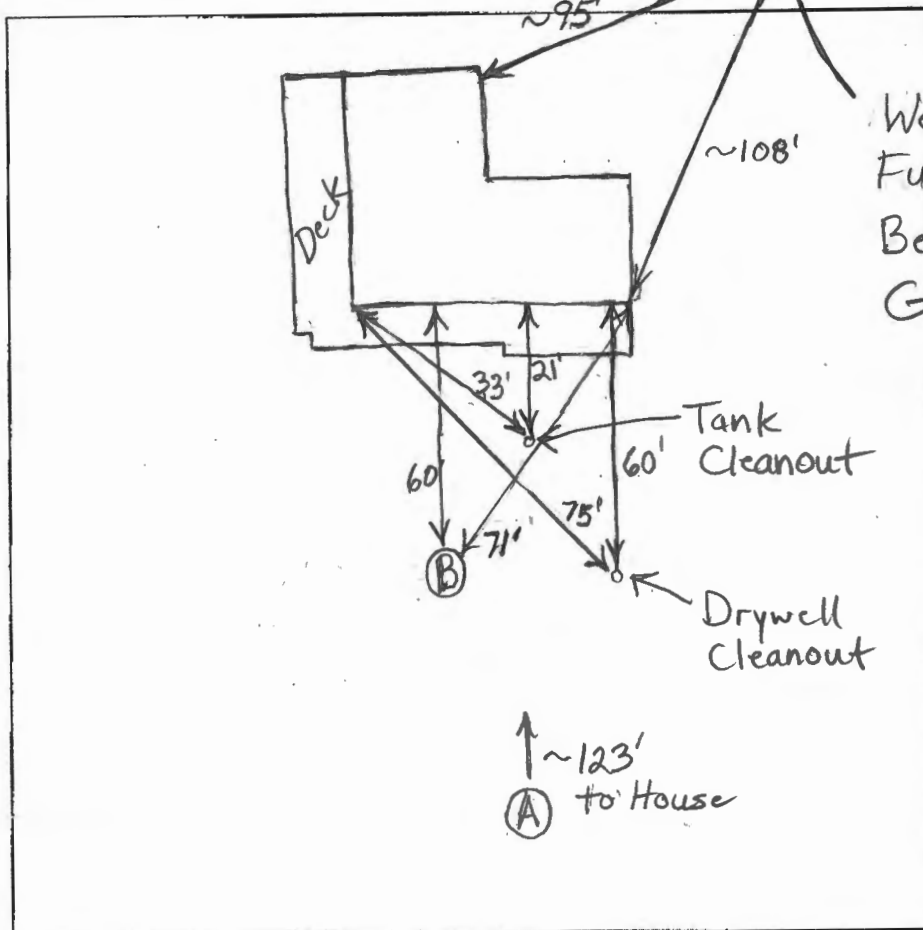
3'-35'

Dense Red
Br Sa Loam
Trace Rock

5'-55'

Moderately
Dense Tan
Sa Loam
~15%
Saprolite

15'



Well - Still
Functional,
Being Used for
Garden, etc.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
6/6/05	A	3'/9'V				65 sec	F
	B	4.5'/15'V	11:10	11:22	11:52	30	H
		6.5'	11:58:45	12:03:15	12:11:30	7	P

REMARKS

SANITARIAN

B. Baker

BACKHOE

Fyock

OTHERS

TEST HOLES USED IN SDA

B

AVG. PERC TIME

SQ. FT/BR

210

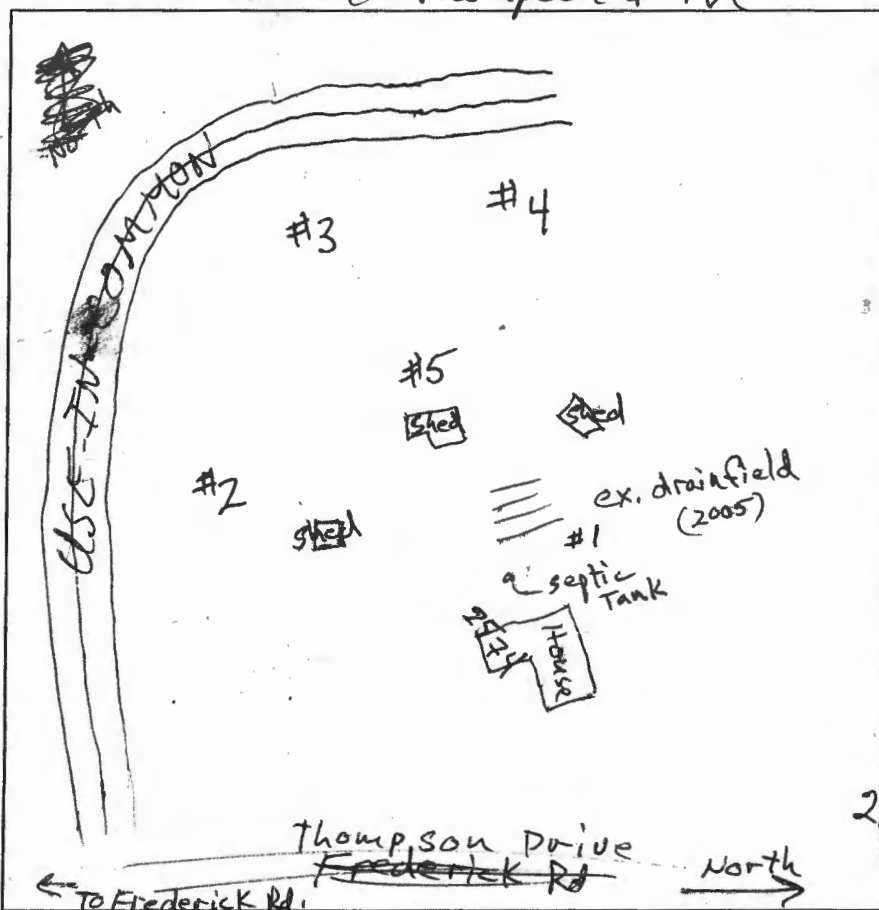
TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE S/W

2574 Thompson Drive



④
0.5' dk brn loam
2 fsbk
brn scl
1 msbk
3' brn sl
common mica
4' brn grsl
few mica
7' yel-brn
stls
30%
9' hard
vstls

③
0.3' dk brn loam
1 fsbk
few mica
brn scl
2 msbk
to 7 msbk
common mica
3' brn sl
many mica
yel-brn sl
few mica
5.5' grey-brn sl
many mica
8.5' pale brn ls
2' loose

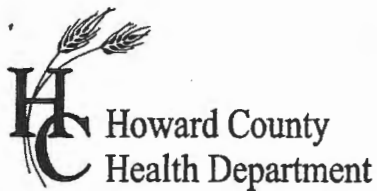
⑤
0.5' dk brn loam
2 fsbk
few mica
brn scl
2 msbk
to 7 msbk
common mica
3' brn sl
many mica
5' brn grsl
common mica
8' grey-brn
flsl
9.5' R

②
0.8' brn scl
1 fsbk
common mica
red brn scl
1 msbk
2.3' red-brn stls
30%
6' grey brn sl
many mica
10' grey brn
stls
12' ↓

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/13/08	4	4.5' / 9'	9:48	9:50	9:52	2.2	P
5/13/08	5	5' / 9.5'	10:17	10:17:30	10:20	2.2	P
5/13/08	3	9.5'	Visual; OK		3' to 9.5'		P
5/13/08	2	3.5' / 10'	11:03	11:06	11:13	7	P
	4	9'	Visual; moderately slow				P
	3	10.5'	Visual; moderately rapid				P

REMARKS #4 Trench Bottom 5'; #5 Trench Bottom 5.5'; #3 Trench Bottom 6'
SANITARIAN RB BACKHOE Bob Covey OTHERS Bob Evans
TEST HOLES USED IN SDA 2, 3, 4, 5 AVG. PERC TIME <5 min SQ. FT/BR 125
TRENCH WIDTH INLET DEPTH 3' MAX. BOT DEPTH EFFECTIVE SW

Did Not Dig #1



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AP 528920

AGENCY REVIEW: _____ DATE 4/30/08

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)
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CHECK ONE:

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- ☐ 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 _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
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- ☐ INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) William B. Evans

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 2574 Thompson Dr. Ellicott City MD 21042
STREET CITY/TOWN STATE ZIP

APPLICANT Covey Const. Co. Inc

DAYTIME PHONE 410-442-1642 CELL 410-218-8000 FAX 410-461-1333

MAILING ADDRESS 1941 Covewood La Woodstock MD 21163
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Wooded Acres LOT NO. 6A

PROPERTY ADDRESS 2574 Thompson Dr. Ellicott City
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE 3.2984

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R. Covey

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P _____

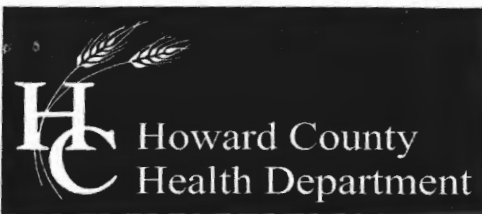
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

May 14, 2008

William B. Evans
2574 Thompson Drive
Marriottsville, MD 21104

RE: PERCOLATION TEST RESULTS, A-528920

Dear Mr. Evans,

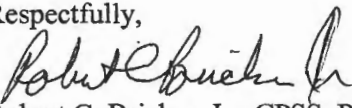
Percolation testing was conducted on the referenced property on May 13, 2008. Field data collected are shown on the Percolation Test Worksheet enclosed with this letter. Acceptable depths for Trench Inlet and Trench Bottoms have been provided, and may be confirmed at time that a system upgrade or replacement is deemed necessary. Values for these parameters are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested.

Percolation Test Results indicate soils' conditions that are satisfactory for onsite wastewater disposal. Four test holes were dug so as not to disturb mature trees and shrubs. A planned test location (#1) near the existing septic system was not dug. The contiguous area represented by the percolation test locations is over 12,000 square feet. However the area includes three sheds and an abandoned dry well as well as the existing drainfield. The soil properties among the test locations are fairly consistent. The topography in the area proposed for the replacement systems is sloping and consistently even.

This testing was conducted in response to a building permit application for a residential addition. The existing residence is served by public water, as is each residence in the immediate vicinity. The existing wastewater disposal system was installed and approved in 2005.

If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me by calling (410) 313-2691.

Respectfully,


Robert C. Bricker, Jr., CPSS, RS
Well and Septic Program

CC: File

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Water Management Administration - Water Rights Division
1800 Washington Blvd. • Baltimore, Maryland 21230
(410) 537-3591 • 1-800-633-6101 • <http://www.mde.state.md.us>

☐ New Application ☒ Change in Existing Permit

Application Number 40-73-1090

APPLICATION FOR A PERMIT TO APPROPRIATE AND USE WATERS OF THE STATE FOR AGRICULTURAL PURPOSES

Please complete this form carefully. A complete application will ensure faster processing. Help is available by calling the Water Rights Division at (410)537-3591 or your local extension agent. The Water Management Administration will work with you to develop estimates of water use. The assigned project manager will contact you to obtain additional information, such as acres irrigated, types of animals watered.

Applicant's Name William Bob EVANS Daytime Phone Number 410 442 1642
Applicant's Address 2574 Thompson Drive (Street) Marriottsville (City) MD (State) 21104 (Zipcode)
County of Water Use Howard

Location of Water Use

☒ Same as Above Address

☐ Other location (Specify) _____

INCLUSION OF TAX MAP INFORMATION OR A DETAILED LOCATION MAP WILL EXPEDITE PROCESSING OF YOUR APPLICATION.

Tax Map Information Map 16 (Page) Grid 8 (Block) Parcel 308 (Parcel Number)

TYPE OF APPLICATION (Check All That Apply)

- ☐ New Application
☒ Change in Existing Permit
☐ Required Permit (10,000 gallons per day or more averaged over a year)
☒ Voluntary Permit (less than 10,000 gallons per day averaged over a year)

PURPOSE (check all that apply)

- ☐ Field Crop Irrigation
☒ Vegetable Irrigation
☐ Livestock/Poultry Watering
☐ Aquaculture
☒ Horticultural Operation (specify) _____

SOURCE (check all that apply)

- ☐ Surface Water (stream, river lake, pond)
☒ Ground Water (wells, groundwater pond)
☐ Spring

☒ Other (specify) Home landscape and garden


SIGNATURE

W. B. Evans

PLEASE PRINT

William Bob EVANS Homeowner (Name) (Title)

5/23/08 (Date)

5/27/08
Approval 

2574 Thompson Drive
Marriottsville, MD 21104
May 20, 2008

Howard County Health Department
Bureau of Environmental Health
7178 Columbia Gateway Drive
Columbia, MD 21046-2147

- OK I certify the following:
- OK 1) The well plumbing at 2574 Thompson Drive is not cross-linked to Public water plumbing.
 - OK 2) There are no well water faucets within the house.
 - OK 3) Well water faucets are located outdoors on post or pipe.
 - OK 4) A sign reading "NOT FOR POTABLE USE" is posted at each outdoor well faucet.

Signature

Kimberly M. Bunker

Date

5/23/08

State License # 17248

H.O. Co.

Phone #

410 984-0248



HOWARD COUNTY HEALTH DEPARTMENT

AT
AJ 28920

DATE
04 / 30 / 08

Received
From

Covey Construction Co., Inc.

PHONE #

PO Box 254, Woodstock MD 21163

☐ CASH

☒ CHECK

NO. 5558

For

Upgrades/Peric Application

2594 Thompson Drive

Five hundred six and 00/100

Dollars

\$

506 | 00

Received By

Mary L Buggs

Percolation Certification Plan for 2574 Thompson Drive

Owner: William B. and Shirley J. Evans

Table of Test Location Elevation

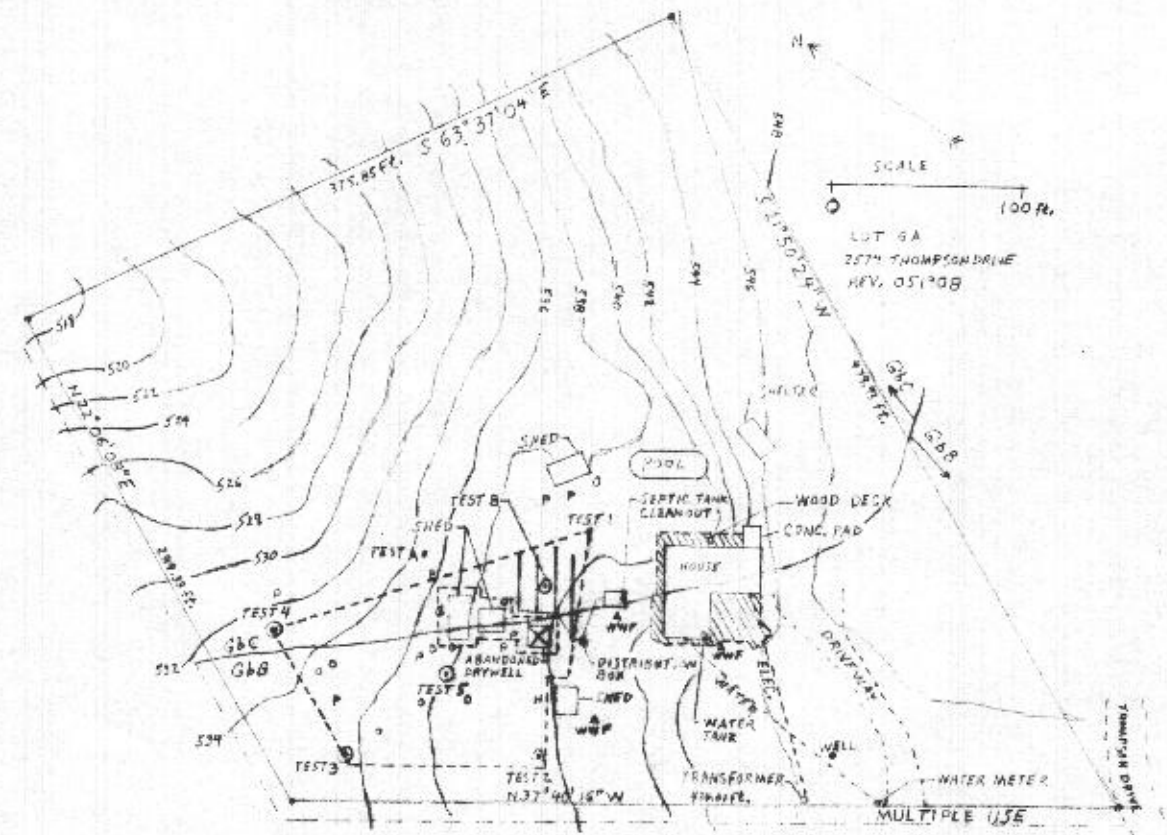
Test Location	Elevation
Test A (2005)	535
Test B (2005)	539
Test 1	539
Test 2	540
Test 3	536
Test 4	532
Test 5	538

Legend:

• Perc Test- Location
⊙ Perc Test- Passed
Trees: H-hickory, P-yellow poplar, O-oak, G-black gum. Breast High Diameter: 14 to 36 inches. Canopy: 80 ft.
△ WWF: well water faucet

NOTES:

1. The subject property and surrounding properties all obtain drinking water from a public source.
2. Topography on this plat is from Howard County GIS data and is verified to accurately represent the relative elevation changes on the subject property.
3. The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland Department of Environment.
4. Any changes to a private sewage easement shall require a revised percolation certification plan.
5. The existing residence, sheds, septic tank, distribution box and wastewater disposal trenches will remain.
6. The existing residence, originally built in 1976, is designated for a maximum of 4 bedrooms.
7. The abandoned drywell was replaced with the existing drain fields in 2005.



This area designates a private sewage disposal area of at least 10,000 square feet as required by the Maryland Department of Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This sewage disposal area shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewage disposal area.

I certify that the information shown hereon is based on work performed in my presence or by my direction, and is correct to the best of my knowledge and belief.

Owner: W. B. Evans Date: 5/20/08

Approved for public water and private sewage systems.

Health Official: B. Wilson for Peter Beilenson Date: 5/29/2008
IB 1704

Legal Description

Map	Lot: 6A	Grid
Parcel	Deed Liber	Folio
Percolation Certification Plan	Plat # 528920	