

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

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 4 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) CHARLES & CAREY KYLER

DAYTIME PHONE 410-750-7434 CELL 410-925-2410 FAX _____

MAILING ADDRESS 3570 SYLVAN LN. ELLICOTT CITY MD 21043
STREET CITY/TOWN STATE ZIP

APPLICANT SAME

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME MAP 25 P. 242 LOT NO. _____

PROPERTY ADDRESS 3570 SYLVAN LN. ELLICOTT CITY MD 21043
STREET TOWN/POST OFFICE

FAX MAP PAGE(S) 25 GRID _____ PARCEL(S) 242 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.

SIGNATURE OF APPLICANT

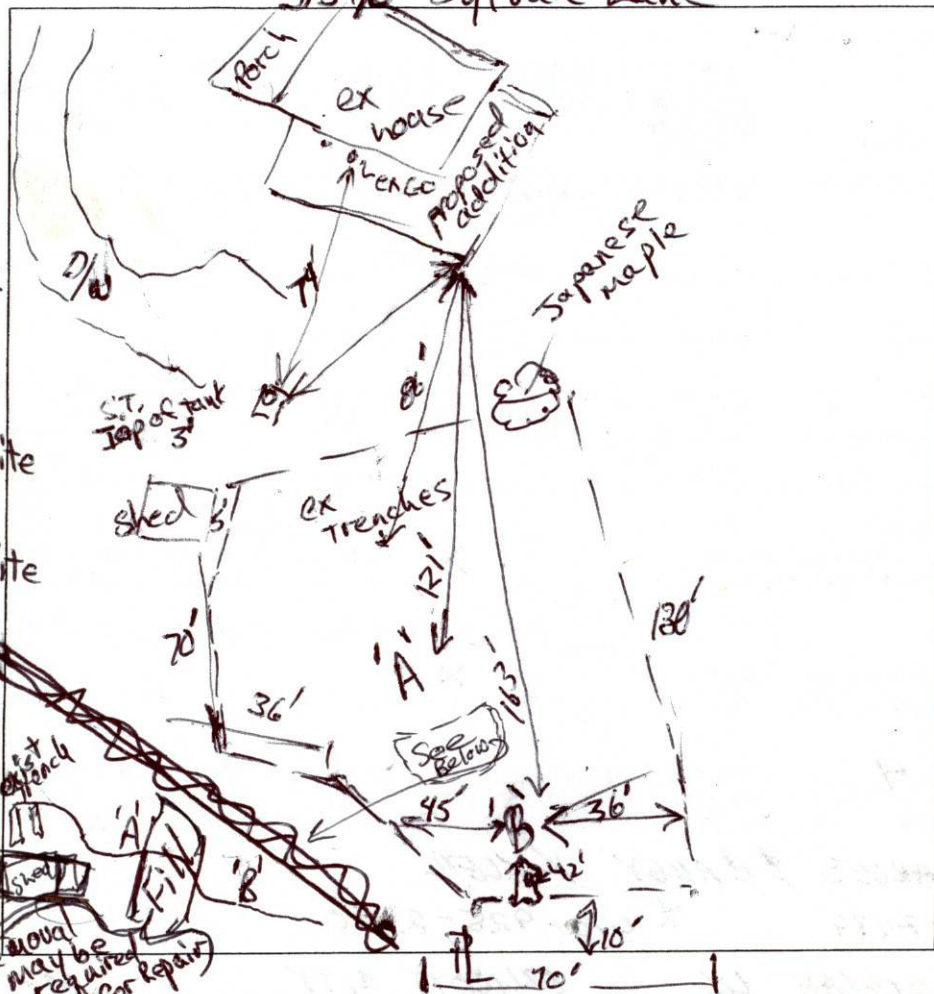
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

3570 Sylvan Lane

A

dk brn
st, grsl
common mica
(Sill)
1.3' brn sl, 1msbk
3' H brn sl & red-yellow
5' H brn & 30% white
ls, & m
H grey brn & white
ls, & m
1.5'

Fill Removal
may be
required
(for repair)



B

dk brn sl
common mica
few gravel
0.4' brn sl, 1msbk
3' H brn & red-yellow
sl, & m
few gravel
5' st sl & H brn
few boulders sl
H brn & few stones
few roots
8' H grey brn ls
30% white
11.5' dk grey-brn
ls, 30% wk cement.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9/2/2009	A	4.5' 11.5'	12:13	12:15	12:19	4	P
9/2/2009	A	10'	Visual	infiltration, 5gal/min moderately rapid			P
9/2/2009	B	11.5'	Visual	infiltration 5gal/min moderate			P
	B	4.5' 11.5'	12:58	12:59:50	1:01:10	1.7	repair
9/2/2009	B	4.5' 11.5'	1:02:30	1:04:18	1:06:42	2.4	P

REMARKS: 'A' common roots to 4', 'B' stoney layers dip into hill, no outcrop
A few roots to 7'

SANITARIAN RB BACKHOE Gil OTHERS Charles Kyler

TEST HOLES USED IN SDA A & B AVG. PERC TIME 3 SQ. FT/BR 125

TRENCH WIDTH 2 INLET DEPTH 2-3 MAX. BOT DEPTH 7.5' EFFECTIVE SW 4-4.5

Slopes in approvable area typically 23%-25%

Jenkins Brothers Septic Service
7670 Smiths Private Rd.
Sykesville, Md. 21784
(410) - 465-6646 * (410) 781-7133

10-22-97

Re: Septic System Inspection
Hugh & Judy Gibb
3570 Sylvan Lane
Ellicott City, MD. 21043

To Whom It May Concern :

This statement is to verify that Jenkins Bros. Septic Tank Svc. installed a new septic tank system at 3570 Sylvan Lane , Ellicott City, MD. 21043 on the date provided above. System was designed by the Howard County Environmental Health Dept. and the work was inspected and approved by same. The new system is functioning properly at this time.

Ho. Co. Lic. # U-9054
M.H.I.C. LIC. # 23893

Thank You,
Charles Jenkins

WSFN
08/03/09

WATER - SEWER BILLING SYSTEM
FINANCIAL INQUIRY

PAGE 1 OF 7
10:40 AM

ACCOUNT# 25150190

CHARLES D KYLER

00/00/0000

SURCHARGE CODE NONE

003570

SYLVAN LN

PAYMENT STATUS A ANY

BILLING FREQUENCY Q QUARTERLY

ELLICOTT CITY MD 210430000

TYPE SERVICE 2 WATER

LOC 003570 SYLVAN LN

BILL STATUS B BILL

BLDG# PAR 242

----TRANSACTION----			WATER	SEWER	OTHER	BALANCE	CURRENT
DATE--CODE--AMOUNT	CHARGES	CHARGES	CHARGES	CHARGES	FORWARD	BALANCE	
07/02/09 BL*	30.88	13.90			0.00	30.88	
05/01/09 PY	27.15					0.00	
04/03/09 BL	27.15	10.71			0.00	27.15	
02/18/09 PY	31.17					0.00	
02/09/09 PN	2.83					31.17	
01/02/09 BL	28.34	11.90			0.00	28.34	
11/07/08 PY	36.09					0.00	

* = SUMMER RATE; EFF FEB 2005: OTHER CHARGES INCL BAY FEE-PRESS F1 FOR DETAIL

* PAYMENT HISTORY * ----- FIRST PAGE -----

F1=PREV BILLS F2=NM/ADD F3=MENU F4=CNSMPTN F5=FINANCL INQ F6=BILL INQ
F7=NEXT PAGE F8=PREVIOUS PAGE F9=METER INFO F10=EXIT F11=NOTES

Public water
private sewer

There are several other factors that would make connecting to the public sewer both environmentally and financially prohibitive.

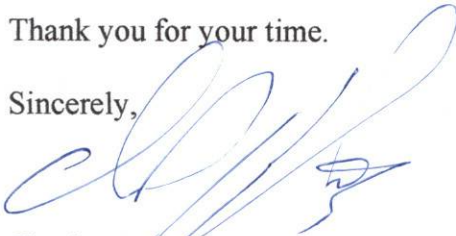
In order to connect to the public sewer, an 8 - 10 foot wide by 300 feet long path would have to be cleared by back hoe, straight down the heavily forested, steep slopes, directly adjacent to the Sucker Branch of the Patapsco River. This also abuts Sylvan Lane; a Howard County designated Scenic Road. And as the property falls within the Ellicott City Historic District, clearing trees over 12" in diameter is restricted. With the current regulations protecting steep slopes, forested areas, Bay water quality, scenic roads and the Historic District, I submit this would not be in the best interest of anyone, and would be met with opposition from all concerned parties.

Financially, connecting to the public system would cost between 10 to 12 thousand dollars, which would make an addition to this property cost prohibitive.

Based on the above mentioned information, I submit that connection to the public system is not only not required, but that the negative environmental, scenic and historic impact of requiring such a connection would be irresponsible and would place a time and financial burden on our project. I therefore request that our application be approved As-Is.

Thank you for your time.

Sincerely,



Charles D. Kyler IV

Phone 410 925-2410

CC:

Diana Rose Development Engineering Division, DPZ.

Fee Paid \$55.00
Receipt #P 531918

SEPTIC SYSTEM REPAIR / UPGRADE / EVALUATION REQUEST

Please fill out this form completely and check off the reason for the request:

Date requested: 9-14-09

Reason for Request

Failing System (includes surface discharge or inadequate treatment zone) _____

Has the contractor verified through excavation/pumping evaluation, that there are no pipe blockages? _____

☒ In support of a building permit. Type of building addition: SFH. ADDITION OF WYE, RELOCATE CLEANOUT, ~~NEW PLUMBING~~

*System relocation for proposed addition for setback compliance

*Verification of adequate system capacity per COMAR 26.04.02.02D (4) per plan

To replace collapsed septic tank or upgrade tank capacity _____

To replace collapsed drywell _____

Septic Contractor: _____

Contractor's Address: _____

Contractor's Phone #: _____

Property Address: _____

Property (Subdivision) & Lot # _____

Owner's Name: _____

Is public sewer available/nearby: _____

Names of Any Previous Owners: _____

Year House Built: _____

of Existing Bedrooms: _____

of Bedrooms after completion of addition: 4

Has this request been discussed previously with a Sanitarian, who? YES ROBERT BRICKER

If public sewer is close, further research will be performed to verify availability and possible hook up to public sewer.

A Sanitarian will be in contact within three business days depending upon the urgency of the situation to coordinate the scheduling of the repair /upgrade/evaluation. No inspection will be performed without fee collection at the office.

Environmental Sanitarian tentatively assigned _____

FAX TO 410-313-2648

Percolation Certification Plan for
3570 Sylvan Lane
Ellicott City MD 21043

Prepared by: Charles Kyler, owner

Date 9/12/09

Scale 1"=100'

NOTES

1. This area designates a private sewage area 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 sewerage is available. These areas 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 area. Recordation of a modified sewage area shall not be necessary.
2. Any changes to a private sewage area shall require a revised Perc Certification Plan.
3. The lot shown hereon complies with the minimum ownership, width, and lot area as required by the Maryland State Department of the Environment.
4. There are no known wells, septic systems or sewage disposal areas within 100' of the property and no known wells within 200' down gradient of existing or proposed septic systems or sewage disposal areas.
5. Topography shown is at two-foot contour intervals from Howard County GIS, and has been verified to accurately represent the relative elevation changes on and near the subject property.
6. The subject property is served by a public water supply.
7. The purpose for this Percolation Certification Plan is to define and establish a septic reserve area in support of a building permit application to construct an addition.
8. There will be 4 bedrooms in the residence after completion of the addition. Absorption area required for wastewater from a 4-bedroom dwelling in the proposed sewage disposal area is 500 square feet. Health Department records indicate that the existing septic distribution system had 605 square feet of absorption area at installation (10/21/1997).
9. Health Department records indicate the existing septic tank has 1500 gallons capacity. The enclosed living space of the residence after renovation will be about 3296 square feet.
10. The Health Department may require removal of a narrow strip of 'fill' between test locations 'A' and 'B' should that area be needed for repair trenches.
11. Howard County Department of Public Works records indicate that properties identified as 3530, 3541 and 3551 Sylvan Lane (all properties downgradient of the proposed septic reserve area) are connected to public water supply.
12. The designated boundaries of the proposed septic reserve area are at least 25 feet from slopes greater than 25 percent (measured by clinometer) and located in reference to the proposed addition corner and an existing shed.

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.

(SIGNATURE) [Signature] (DATE) 9-14-09

APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

(SIGNATURE) [Signature] (DATE) 9/14/2009

KCB

PC 531899

Legend

■ Existing Drain field

A, B Perc test -PASS

■ New addition

- - - Boundry of septic reserve.

Distances from:

	Addition C	Shed corner D
E	86'	22'
A	120'	49'
B	163'	93'
G	84'	13'
H	49'	69'
I	170'	84'
J	168'	70'

