



HOWARD COUNTY HEALTH DEPARTMENT

38056

9 / 11 / 12
DATE

A538054

Received
From

Sandra Brewer

PHONE #

For

Pers App / 13000 Triadcoptiald

☐ CASH

☐ CHECK

NO.

CC

77085346

Five hundred and 00/100

Dollars

\$

506 | 00

Received By

J King



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 538056

AGENCY REVIEW: _____

DATE 9-4-12

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 unknown 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)

Demolition Request Form on file

PROPERTY OWNER(S) William and Sandra Brewer

DAYTIME PHONE 410-531-1250 CELL 443-691-1066 FAX _____

MAILING ADDRESS 13070 Triadelphia Road, Ellicott City, MD 21042-1132
STREET CITY/TOWN STATE ZIP

APPLICANT Sandra Brewer

DAYTIME PHONE 410-531-1250 CELL 443-691-1066 FAX _____

MAILING ADDRESS 13070 Triadelphia Road, Ellicott City, MD 21042-1132
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Burgess Property LOT NO. 1

PROPERTY ADDRESS 13100 Triadelphia Road, Ellicott City, MD 21042
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 20 GRID 10 PARCEL(S) 522 PROPOSED LOT SIZE 3.6

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.

Sandra Brewer
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P _____

Large empty rectangular box for notes or drawings.

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

BUREAU OF ENVIRONMENTAL HEALTH

HOWARD COUNTY HEALTH DEPT.

2012 SEP 04 AM 7:58

REMARKS _____

SANITARIAN _____

BACKHOE _____

OTHERS _____

SEP 04 2012

TEST HOLES USED IN SDA _____

AVG. PERC TIME _____

SQ. FT/BR _____

TRENCH WIDTH _____

INLET DEPTH _____

MAX. BOT DEPTH _____

EFFECTIVE SW _____

RECEIVED

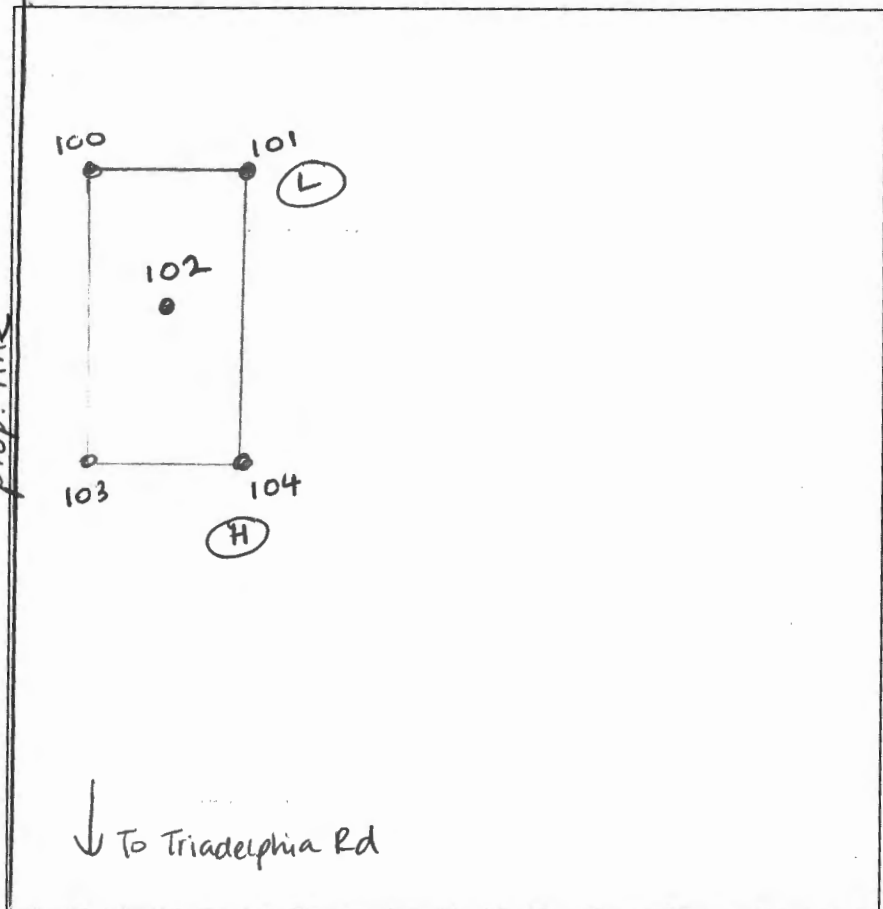
26

rear prop. line

A/P

100
brn l
4.5'
yellow brn
scl
lmsbk
6'
ch scl
20% rx
7.5'
red brn
sl many
mica
red brn
fsi
saprolite
15% rx
pink/red brn
11.5'
fsi saprolite
many mica
101
brn l sbk
yellow brn
scl
lmsbk
4.5'
yellow brn
sl
6'
yellow brn
fsi saprolite
11'
brn
ch scl
HB
102
brn l
sbk
red brn
scl lmsbk
5'
red brn
ch scl
6'
red brn
fsi saprolite
brn ch fsi 11.5'

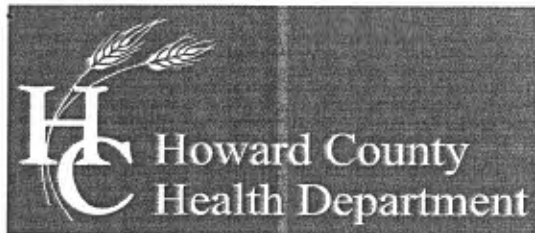
prop. line



103
brn l sbk
1.5'
yellow brn
scl lmsbk
4'
yellow brn
sl
5'
yellow brn
fsi
15% rx
7'
yellow brn
fsi saprolite
micaceous
12'
104
brn l sbk
10"
yellow brn
ch scl lmsbk
3'
yellow brn
ch scl
5.5'
red brn
fsi saprolite
few mica
9'
red brn
fsi
11'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9-24-12	100	6.5' / 11.5'	10:46	10:54	-restart-		
	100	6.5' / 11.5'	11:05	11:23	11:39	16	P
	101	6' / 11'	11:25	11:30	11:42	7	P
	102	11.5'	V	15	UAL		P
	103	6' / 12'	12:12	12:13 ⁴⁹	12:17	4	P
	104	6' / 11'	12:47	12:50	12:52	2	P

REMARKS ex. well to be upgraded. Ex. septic to be abandoned.
 SANITARIAN HS BACKHOE Paul Higgins OTHERS owner
 TEST HOLES USED IN SDA 5 AVG. PERC TIME 6 SQ. FT/BR
 TRENCH WIDTH 3 INLET DEPTH 4 MAX. BOT DEPTH 7' EFFECTIVE SW 1'



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

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

September 28th, 2012

To: Tony Fertitta
FCC

RE: Percolation Test Report, 13100 Triadelphia Rd; A#538056

Percolation testing was conducted at the referenced property on September 24, 2012. The purpose for conducting these percolation tests was to delineate septic reserve area for a proposed dwelling.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Soil conditions either satisfactory or unsatisfactory for onsite wastewater disposal were observed at the specified test locations. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drainfield and two repair drainfields for the planned residence.

Soil conditions observed were satisfactory for onsite wastewater treatment and disposal. All test locations were satisfactory.

There is an existing house on the property to be demolished. If the existing well is to be kept it must be adequately protected during the demolition process. In addition to extending the casing above grade, water samples will be required to determine bacteria levels in the water supply. If the dwelling is burned as part of the demolition process the well cannot remain. The exiting septic system will be properly abandoned. A new septic system will be installed within the septic reserve area to serve the new dwelling.

Field data collected are shown on Percolation Test Worksheets enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. The values for the drainfield parameters will be documented during the Percolation Certification Plan process, and then maintained in the Health Department file for the subject property.

Additional field review of well or septic system conditions may be required at any time during this process. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan or Site Plan, please contact me at the above address or by calling (410) 313-6287.

Respectfully,

Heidi Scott

Heidi Scott, R.S.
Environmental Sanitarian
Well and Septic Program

Cc:
Owner
File

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- GLB2 MLC2 SOIL LINES AND TYPES
- (W) DENOTES EXISTING WELL
- (P) DENOTES PASSED PERC
- [X] DENOTES PROPOSED HOUSE
- [S] DENOTES 1500 Sq.ft. ALTERNATE WELL SITE
- [Hatched] Existing septic area

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN
- PLAT REFERENCE 4195.
- THE EXISTING SEPTIC SYSTEM PREVIOUSLY SERVING THE EXISTING HOUSE HAS BEEN ABANDONED.

SOILS LEGEND

SOIL	NAME	CLASS
GgB	Glenelg loam, 3 to 8 percent slopes	B
GmC	Glenville silt loam, 8 to 15 percent slopes	C
MaC	Manor loam, 8 to 15 percent slopes	B

NOTES:

- * Hydric soils and/or contains hydric inclusions
- ** May contain hydric inclusions
- † Generally only within 100-year floodplain areas

PERC CERTIFICATION

I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Terrell A. Fisher
 Signature of Professional Land Surveyor
 Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/13

10/17/12
 Date

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.

Bryan for Maureen Rossmann
 COUNTY HEALTH OFFICER

11/2/2012
 DATE

PERC CERTIFICATION PLAT 13100 TRIADELPHIA ROAD

TAX MAP *22
 3RD ELECTION DISTRICT
 SCALE: 1"=100'

PARCEL: 522
 HOWARD COUNTY, MARYLAND
 DATE: OCTOBER 17, 2012

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 410.461.2995

LEGEND

- EXISTING 2' CONTOURS
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- GLB2 MLC2 SOIL LINES AND TYPES
- W DENOTES EXISTING WELL
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Signature of Professional Land Surveyor
Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/13

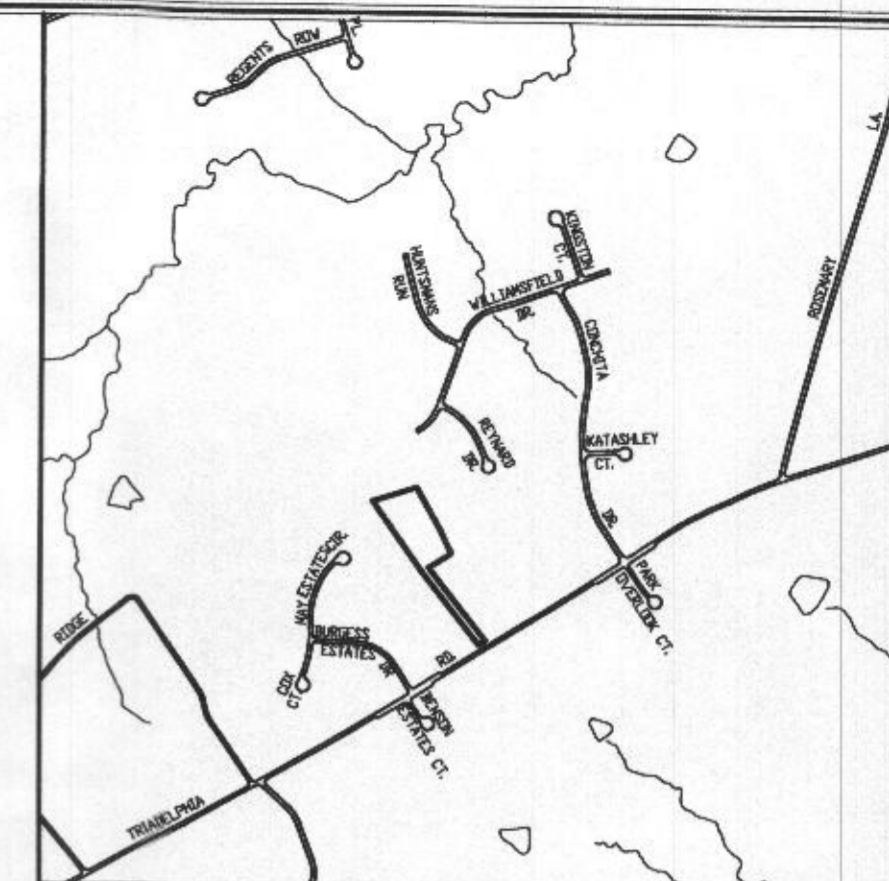
10/17/12
Date

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

Signature
COUNTY HEALTH OFFICER

DATE 10/17/12

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461-2895



VICINITY MAP
SCALE: 1" = 1200'

PERC CERTIFICATION PLAT 13100 TRIADELPHIA ROAD

TAX MAP *22
3RD ELECTION DISTRICT
SCALE: 1"=100'

PARCEL: 522
HOWARD COUNTY, MARYLAND
DATE: OCTOBER 17, 2012