



HOWARD COUNTY HEALTH DEPARTMENT

27268

DATE
7/24/07

AS+PS

Received From

Mogge's Septic Clean, Inc.

PHONE # 410.795.5670

UPGRADE

- CASH
- CHECK

For Septic Repair + perc -

12395 Old Frederick Rd

Paid for perc only

NO.
50226

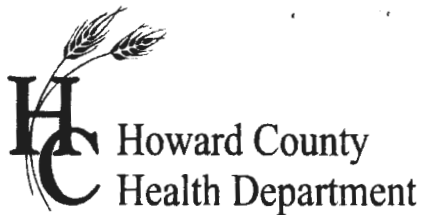
five hundred and dollars

Dollars

\$ 500⁰⁰

Received By

W. H. [Signature]



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ @AP 5 27 268

AGENCY REVIEW: _____ DATE 7/24/07

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) Randy Snyder

DAYTIME PHONE 410442-2002 CELL _____ FAX _____

MAILING ADDRESS 12395 Old Frederick Rd Mt. Airy MD
STREET CITY/TOWN STATE ZIP

APPLICANT Fogle's Septic Clean, Inc

DAYTIME PHONE 410-795-5670 CELL _____ FAX 410-795-3432

MAILING ADDRESS 580 Obrecht Rd Sykes MD
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION SUBDIVISION/PROPERTY NAME 1 LOT NO. _____

PROPERTY ADDRESS 12395 Old Frederick Rd Mt. Airy
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. Kent A. Casrell
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

A/P _____

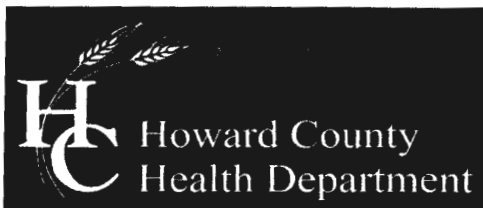
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



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

August 15, 2007

Randy Snyder
12395 Old Frederick Road
Marriottsville, MD 21104

RE: PERCOLATION TEST RESULTS, A-527268

Dear Mr. Snyder,

Percolation testing was conducted on the referenced property on August 8, 2007. This testing was conducted in response to a building permit application for a major addition to the existing residence.

Field data collected are shown on the Percolation Test Worksheet enclosed with this letter. Acceptable ranges for recommended Inlet and Trench Bottom depths, and Usable Sidewall 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.

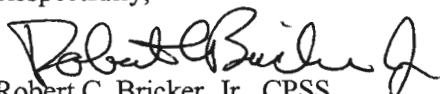
Four test holes were dug: holes #1, #2 and #4 each represent an area for a potential replacement system; test hole #3 defines a boundary to lower lying soils. Test hole #3 failed the percolation test, probably due to the deep, relatively finer texture parent materials in that location. The subsoils described at test locations 1, 2 and 4 are deep, fine sandy loams with micaceous saprolite as the parent material. The topography in the area proposed for the replacement systems is nearly level.

The existing residence is served by a well located under the concrete slab that is the front porch. The existing well is to be abandoned.

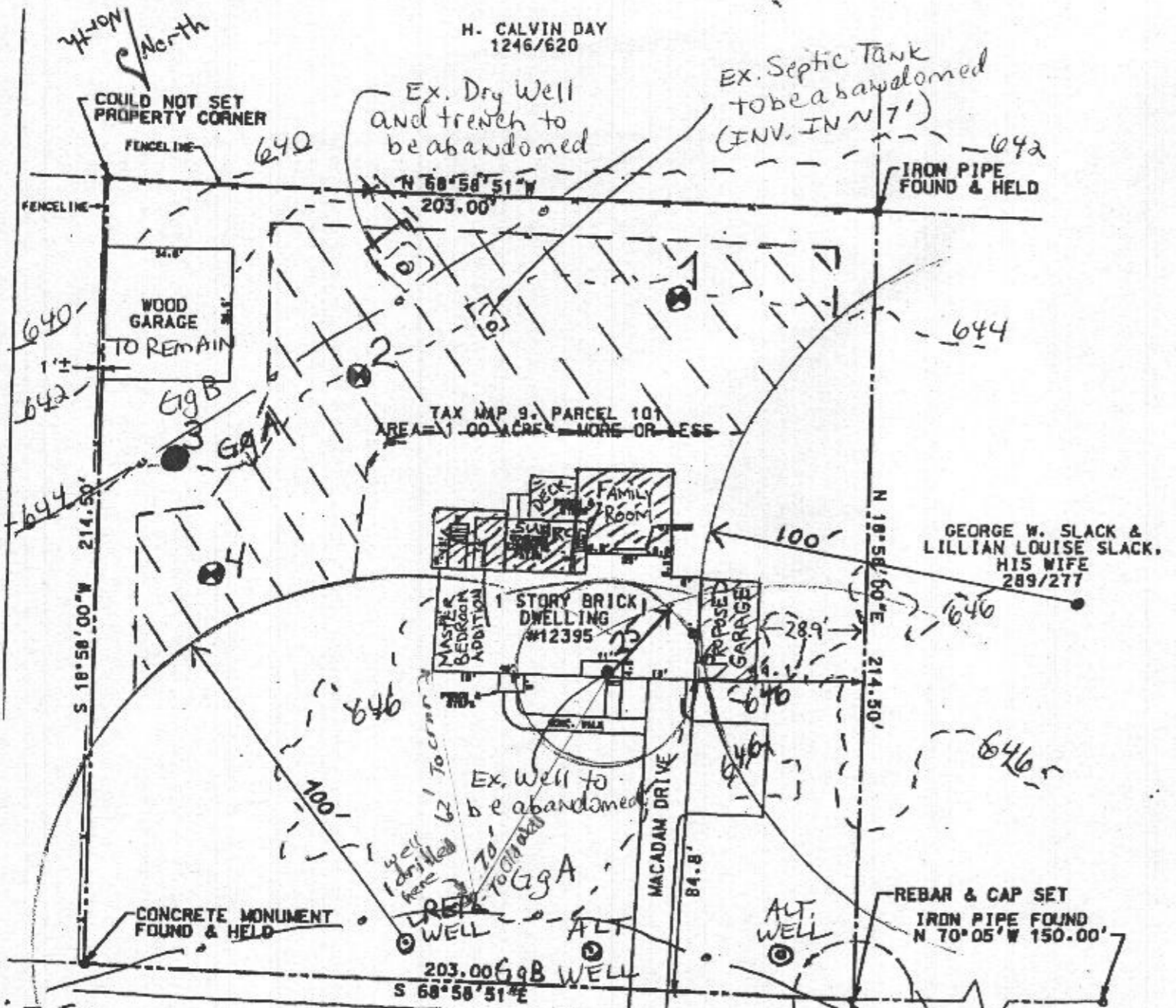
No records were found that describe the septic system on the subject property. The septic system consists of a tank and dry well with trench. The top of the trench was exposed revealing clean gravel. The trench is oriented in location and direction so that it is under a fence and the neighboring pasture, apparently encroaching upon the neighboring property. The existing septic system is to be abandoned.

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
Well and Septic Program
Development Coordination Section

Copy: Kurt Cassell, Fogels Septic Clean, Inc.
File



H. CALVIN DAY
1246/620

Ex. Dry Well
and trench to
be abandoned

Ex. Septic Tank
to be abandoned
(INV. IN 7')

IRON PIPE
FOUND & HELD

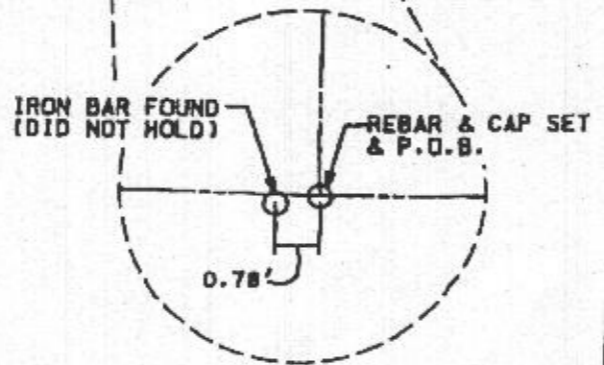
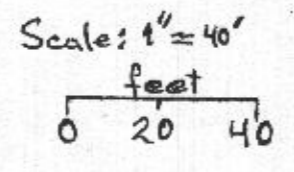
TAX MAP 9, PARCEL 101
AREA 1.00 ACRES MORE OR LESS

GEORGE W. SLACK &
LILLIAN LOUISE SLACK,
HIS WIFE
289/277

1 STORY BRICK
DWELLING
#12395

REBAR & CAP SET
IRON PIPE FOUND
N 70°05'W 150.00'

OLD FREDRICK ROAD
(MARYLAND ROUTE 99)



DETAIL
NOT TO SCALE



THE LOT SHOWN HEREON IS IN FLOOD
ONE C PER F.E.M.A. FLOOD INSURANCE
RATE MAP PANEL #2400440009B

HICKS ENGINEERING CO., INC.
ENGINEERS, SURVEYORS & PLANNERS

BOUNDARY SURVEY PLAT FOR
#12395 OLD FREDRICK ROAD
MARYLAND ROUTE 99

Percolation Certification Plan for 12395 Old Frederick Road, Marriottsville, MD 21104

PC527268

Owner: Randall L. Snyder
Phone/Fax 410-442-2002

NOTES:

1. A replacement well is to be drilled, and the existing well properly abandoned, prior to the health department approval of the building permit application.
2. A modern septic system is to be installed, and the existing septic tank and dry well properly abandoned, prior to the Health Department approval of the building permit application.
3. Topography on this plat is from Howard County data and is verified to accurately represent the relative elevation changes on the subject property.
4. The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland Department of Environment.
5. Any changes to a private sewage easement shall require a revised percolation certification plan.
6. This area designates a private sewage disposal area as required by the Maryland Department of Environment for individual sewage disposal. Improvement 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 authority to grant adjustments to the private sewage disposal area.
7. The existing residence,
 * , will remain.
8. The existing residence, originally build in 1960, has 1499 sq. ft. enclosed space, and the proposed addition includes expansion of the master bedroom, enclosure of a sunroom, a deck, a family room and a garage, all as shown, plus two bedrooms in the basement.
9. The septic design is to accommodate a 4-bedroom residence.
10. The basement does drain by gravity.

Table of Test Location Elevations

Test Location	Elevation
1	644
2	644
3	644
4	644

Legend:

	Perc Test - Passed
	Perc Test - Failed
	Soil Line
	Elev. Contour

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

Owner: Randall Snyder

Date: 8/2/07

Approved for private water and private sewage systems.

Health Official: B. Snyder for B. Selenski Date: 9/7/07

Legal Description

Tax Map 9	
Parcel 101	
Rate Map Panel #2400440009B	
Percolation Certification Plan	