



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ Q/P 527904

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 3-4 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) Alonzo Powell

DAYTIME PHONE 301 395-8001 CELL 301 395 9545 Tony Suarez FAX _____

MAILING ADDRESS 1979 Daisy RD Woodbine MD 21797
STREET CITY/TOWN STATE ZIP

APPLICANT Sheila Powell Suarez

DAYTIME PHONE 240 5673039 CELL _____ FAX _____

MAILING ADDRESS Same as above
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 1979 Daisy RD Woodbine
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.

Sheila Powell Suarez
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 _____

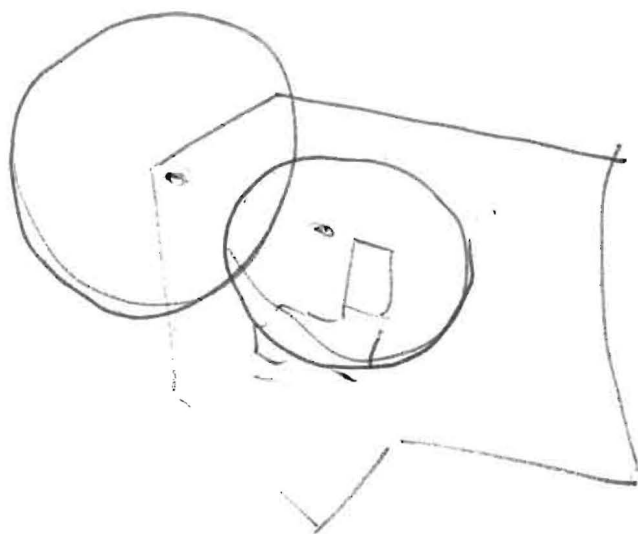
SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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

5; 74

#1
to drive
~ 70'



#2
4.5' to 10'



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

December 13, 2007

Shiela Suarez and Anthony Suarez
1979 Daisy Road
Woodbine, MD 21797

RE: PERCOLATION TEST RESULTS, **A-527904**

Dear Mr. and Mrs. Suarez,

Percolation testing was conducted on the referenced property on November 28, 2007. This testing was conducted for the purpose of defining a septic easement in anticipation of expanding the existing residence. Three test locations (1, 2, and 3) were staked, and two additional locations (4 and 5) were identified during testing. The location staked as #3 was not tested.

Four test holes were dug: #1 representing a potential lower boundary for expanding the existing septic system; #2 and #4 representing an area for a potential replacement systems, and #5 next to the existing dry well. Percolation Test Results indicate soils' conditions that are both satisfactory and unsatisfactory for onsite wastewater disposal. Deep, sandy loam subsoils were observed at locations #2 and #5, proving each of these locations as suitable for wastewater disposal. In addition, results at test location #5 indicate that an appropriate soil buffer four feet in depth is beneath the existing dry well. Test location #4 failed the percolation test, the finer-textured soils at that location required more than 30 minutes per inch. Test location #1 had a passing percolation rate, and the soil is usable to a depth of only 5 feet (as apparent water table occurs at 9 feet depth).

Field data collected are shown on the Percolation Test Worksheet enclosed with this letter. Recommendations for Inlet depth, Trench Bottom depth, and Effective Sidewall may or may not be 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. The values may vary for different portions of an easement, and therefore will be determined when testing is completed. The specifications will be maintained in the Health Department File for the subject property.

No records were found that describe the septic system on the subject property. The septic system consists of a tank and dry well. The top of the dry well was exposed revealing that it is constructed with black cinder block (with a 6-inch concrete cap), and having an inside diameter of about 14 feet. The dry well is 11.5 feet deep and has solution level at 8.5 feet; it is estimated that about 176 square feet of effective adsorption area remains in the dry well.

The dry well may be part of a subsequent septic system, though it will have to be filled with gravel. This process requires the removal of the concrete cover, filling the void with gravel, and replacing the cover. An outlet pipe will be fixed to the dry well at the same elevation as the inlet pipe, then leading to a distribution box and a trench or trenches.

Until recently, the existing residence was served by a buried well located 15 feet behind the house. In response to 'cloudy' condition of the tap-water, a test was conducted for presence of bacteria. The test result was positive for coliform bacteria indicating that the well is



Howard County
Health Department

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website: www.hchealth.org

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

May 20, 2011

Mr. Alonzo A. Powell
1979 Daisy Road
Woodbine, MD 21797

**RE: Waiver request
1979 Daisy Road
Woodbine, MD 21797**

Dear Mr. Powell:

The Health Department has received your waiver request on April 20, 2011 dated April 5, 2011 for the above referenced property. The Code of Maryland Regulations requires the Health Department to certify the existing on-site sewage disposal system as capable of handling the existing sewage flow and any foreseeable increase in flows. Additionally, the property must have enough area available for at least one replacement system. Health Department records indicate that the existing system installed in 1962 was a drywell for a three bedroom house. Perc testing is required to determine if the existing drywell has a minimum of four foot of unsaturated, unconsolidated material sufficient to attenuate effluent below the bottom of the drywell. If the testing reveals that the drywell is acceptable and the footprint for the three bedroom house is not changed, your request to waive the perc certification plan is approved. If the testing reveals that the drywell is unacceptable, the number of bedrooms increases, or house footprint changes, a perc certification plan shall be required.

Be advised that any future building permit application may require percolation testing and a Percolation Certification Plan. Any deviations from the site plan submitted with the request will be subject to further review by this Department.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

Michael J. Davis, R.S., R.E.H.S.
Assistant Director
Bureau of Environmental Health

If you intend to build a new structure(s) or any other structure(s) in the future, the Approving Authority may require additional percolation testing, relocation of existing well and/or septic components, or submission of required Health Department plans. Please refer to the variance request letter dated 5/20/2011.

If any problems arise concerning the well and/or septic systems during demolition, please notify this office immediately. If any other wells are found on-site during demolition, you must notify this office immediately.

KMW
Cc: File

Alonzo A. Powell
1979 Daisy Rd
Woodbine, MD 21797

April 5, 2011

Howard County Health Department
Bureau of Environmental Health
7178 Columbia Gateway Dr
Columbia, MD 21046
410-313-4261

Subject: Variance for the Requirement to Submit a Percolation Certification Plan

I am requesting a variance for the requirement to submit a percolation certification plan for my property at 1979 Daisy Rd Woodbine MD 21797.

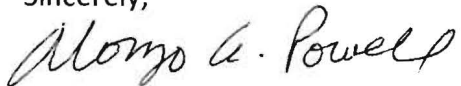
Reasons why requesting the variance:

According to the septic certification (see attached), the septic system on the property is in fine condition and replacement is not necessary. I am only requesting to bring the system to current code.

The home on the property was damaged approximately (3) years ago by a fallen tree and is uninhabitable. I have been unable to make the necessary repairs due to budgetary restrictions and therefore have been displaced from my home since the damaged occurred. I am requesting the variance because of budgetary restrictions. I don't have enough funding to replace my home and the entire septic system. I am a senior citizen and living on a fixed income. The current home has 3 bedrooms, and the new plan also has 3 bedrooms. (See attached floor plan)

If there are any questions, please contact my daughter, Sheila Suarez, at (301) 395-8001 or Prevost Construction, Inc. at 410-549-5522.

Sincerely,



Alonzo A. Powell