

# APPLICATION

PERCOLATION TESTING

A513682

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

- EXISTING UNOCCUPIED DWELLING  
- NO INTERNAL PLUMBING  
- ZONED COMMERCIAL  
- APPLICATION SUBMITTED POST-TEST

DISTRICT

DATE

P

7/12/00

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

NO INDICATION AS TO  
INTENDED USE (CW)

CL # 17483 & 225

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Marion Brown / Mary Burton - c/o Selfridge Builders Inc

ADDRESS 14045 Gared Drive Glenwood MD PHONE 410-230-1074

AGENT OR PROSPECTIVE BUYER Cindy Del Zoppo 91738

ADDRESS SAME PHONE 410-230-1074

PROPERTY LOCATION:

SUBDIVISION NA LOT NO. Parcel 34

ROAD AND DESCRIPTION NE Quadrant of Ten Oaks Rd, just beyond the intersections of Howard & Greenbridge Road

TAX MAP 28 PARCEL # 34

SIZE OF LOT 0.59 AC TYPE BLDG. SFD  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Cindy Del Zoppo  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS

REASONS FOR REJECTION OR HOLDING 4/25/00 TEST CERTIFICATION RPT N66062, LIMITED AREA - WELL SITE CONCERNS (CW)

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

## THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0'

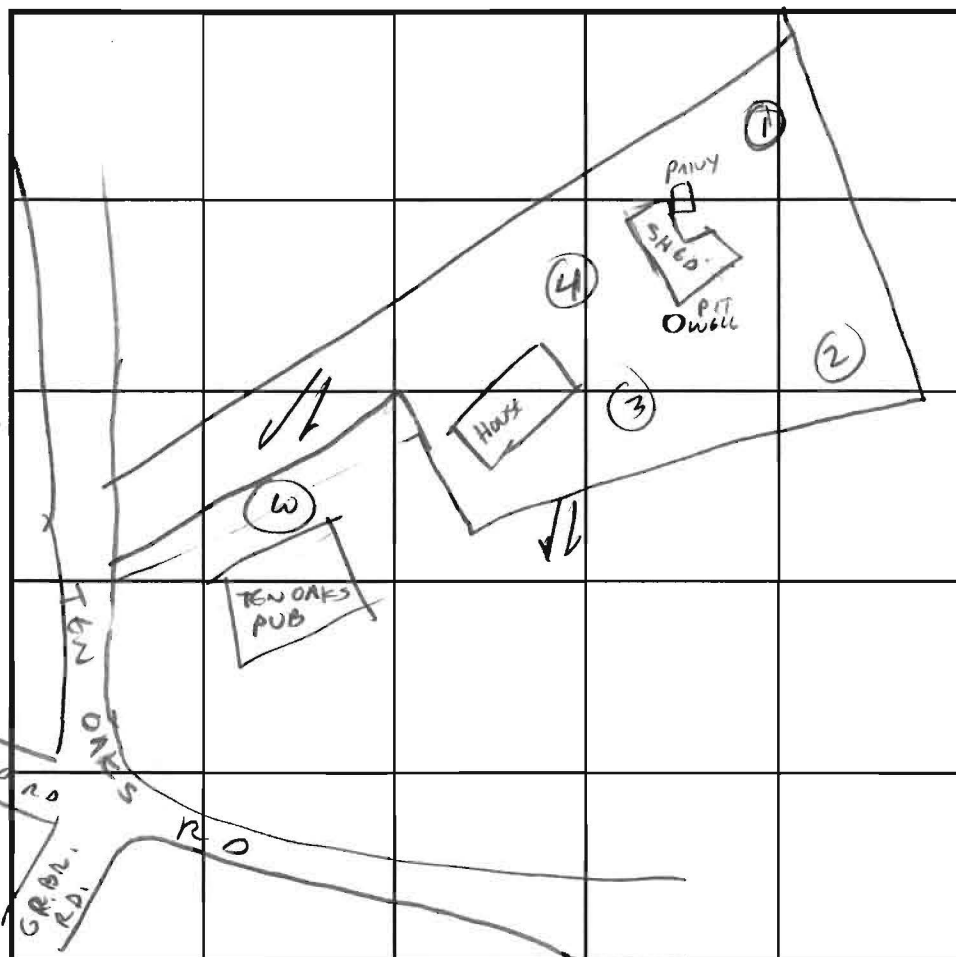
ALL HOLDS

CLAY

6'

MICA  
SILT  
LOAM  
5% FRAGMENTS  
INCREASING  
TOWARD  
SB<sup>+</sup>SB<sup>+</sup>

⑨ BOTTOM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/25/00	1	6	VIS	2-5 MIN	SOILS	Below	6
		11	INCREASINGLY SHALY ⑨ 11'				
	2	6	SAME AS...				
	3	6	SAME AS...				
	4	6	SAME AS...				

REMARKS POTENTIAL FOR STANDARD (3' WIDE) TRENCHES ONLY (5' AVAILABLE SOIL PROFILE)

TYPE OF SOIL CLAY TO 6' → MICA LOAM 6'-11' → SHALY ⑨ 11'

TESTED BY C. WILSON ALSO PRESENT C. DOLZAPPA, K. TITTMANN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 MIN TRENCH WIDTH 3

INLET DEPTH MAXIMUM BOTTOM DEPTH 6 1/2 SQ. FT./BEDROOM



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*

May 17, 2000

Cindy DelZoppo  
14045 Gared Drive  
Glenwood, Md 21738

Re: Reply to yours of May 15  
Percolation test results - 4781 Ten Oaks Rd.

Dear Ms. DelZoppo,

Your letter of May 15, 2000 asks why a plan review requirement was imposed prior to a determination on specifications for septic system installation at the above referenced property. My letter of April 28 explains those reasons in its second and third paragraphs. If that detail is not sufficiently clear explanation, perhaps the issue can be approached from a different perspective.

Review of plans is normally required prior to approval of any proposal for septic system installation. An exception to this requirement is generally granted in situations involving repair of an existing septic system, so long as the quantity of discharge is relatively low and site conditions are routine. In such situations there is a correctly-located-but-now-failing septic system, that has previously been determined to be properly positioned with respect to neighboring well sites and other critical site features. Assuming suitable soil conditions are confirmed, the obvious location for the intended repair system is immediately below or adjacent to the existing system. In such cases, the review requirement is routinely waived and the system can be installed immediately following the field evaluation.

As indicated in my letter of April 28, the situation at 4781 Ten Oaks not at all like this, hence the request for a plan to review. The condition and location of the well is suspect; there is no septic system currently on the property; and the landscape position of the obvious potential septic area gives cause for concern for risk to a neighboring well or wells. This reviewer cannot in good conscience reach a conclusion as to an appropriate plan for system installation without submittal of additional site detail.

If you still find this explanation to be unsatisfactory, please feel free to request a conference with the program supervisor, Amy McMillen.

Yours truly, —

Craig Williams, Sanitarian

PLAN SUBMITTED 8/14  
COMMENTS FOR  
REQUIRED REVISION  
MADE 8/22

✓ CC: FILE

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Bureau of Environmental Health

3525-H Ellicott Mills Drive • Ellicott City, Maryland 21043-4544

Water and Sewerage, Permits (410) 313-1771 Community Environmental Health Program (410) 313-1773

Director (410) 313-2640 TDD(410) 313-2323 TOLL FREE - 1-877-4MD-DHMH

11710 Stonegate Lane  
Columbia, MD 21044

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Phone 410-730-1074  
Fax 410-730-8823

May 15, 2000

Mr. Craig Williams, Sanitarium  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, Maryland 21043

RE: Percolation test results for 4781 Ten Oaks Road

Dear Mr. Williams:

I am writing this letter in direct response to your letter of April 28, 2000 regarding the above referenced site.

On April 20th, I made application for a septic repair for an existing deeded property. I explained to the staff that the property was abandoned for years and that my intentions were to renovate and add an addition to make the residential home more usable. At time of application, my intent was to install a system for the residential property on the day of test. However, on the day of the testing, my excavator informed me that he was unable to install the system that day due to another matter and would have to install at a later date.

When I met you out in the field I specifically mentioned that I was going to convert the abandoned structure to its former residential use. I am not sure why you concluded that this property was going to be used as a commercial establishment, other than the fact, the property is currently zoned B-1.

So now I am confused as to what my requirements are for this residential property. I was originally told that since this is an existing deeded property Not part of a recorded subdivision, I would not be required to have an engineer prepare a perc certification plat, similar to what is required on property that is subdivided. However your letter indicates that I must now prepare a perc certification plat as if I were subdividing.

I have been given two sets of requirements to follow, I would like to know what requirement will apply to my situation.

I await your decision on this confusing matter.

Sincerely,

A handwritten signature in cursive script that reads "Cindy DelZoppo".

Cindy DelZoppo

✓ cc: Amy McMillen, Director  
Water/Sewerage Program



STAN

8 PAGES

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## HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*

April 28, 2000

Cindy DelZoppo  
14045 Gared Drive  
Glenwood, Md 21738

Re: Percolation test results  
4781 Ten Oaks Rd.

Dear Ms. Delzoppo,

Enclosed is a copy of percolation test results conducted April 25, 2000 at the above referenced property.

The listed purpose was to repair a failing residential septic system. As per usual practice of this program, a verbal application with no site plan was accepted, with expedited scheduling to allow opportunity for prompt relief for the emergency condition of a failed septic system. Often in such cases, we proceed with on-the-spot system design and system installation can be completed within 24 hours of percolation testing.

The situation here is entirely different. The house is currently unoccupied and there is no installed system; the intent as stated in the field is to convert the property to commercial use, with designated parking and perhaps some expansion to the footprint of the existing structure. The situation is further complicated by the downslope position of a nearby well.

For these reasons, further review\* is contingent upon submission of a percolation certification plan by a registered engineer or land surveyor. The plan should include locations of:

- all existing structures with a designation if intended for demolition;
- existing water supply and means of waste disposal (privy) with explanatory notes as to intent for preservation or abandonment;
- wells and septs on surrounding properties;
- topography or spot elevations of each of the above listed features sufficient to discern direction and degree of slope;
- driveway and any other site features of significance to proper evaluation of the property;
- statement of intent, Health Officer's signature block and other standard technical language as per usual practice.

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Bureau of Environmental Health

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(4781 ten oaks April 28 perc result letter) p2/2

Please feel free to contact me at this office if you have any questions regarding this matter.

Yours truly,

A handwritten signature in cursive script, appearing to read "Craig Williams".

Craig Williams, Sanitarian

Encl. – percolation test notes

\*Please be advised that review of the percolation certification document is contingent upon submission of the \$225 percolation test fee since this fee was not submitted at time of test application.

May 17, 2000

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(4781 ten oaks April 28 perc result letter) p2/2

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Encl. – percolation test notes

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TEST APPLICATION TEST FEE RECEIPT A513682  
RECEIVED 7/12/00