

Office of the Health Officer

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TO: CLSI Engineers and Surveyors
C/O Linda Alexander
Via E-mail: laalexander@clsimail.com

FROM: Dana Bernard, REHS/L.E.H.S.
Well and Septic Program

RE: 12257 Woodspurge Court
Tax Map 22, Parcel 167
Percolation Certification Testing Results

DATE: June 23, 2020

Percolation testing was conducted on the referenced property on June 8th 2020. The proposed for conducting these percolation tests was for an anticipated establishment of a sewage disposal area for house.

A total of five (5) test holes were evaluated and were found to be satisfactory with moderate percolation rates. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation for the five (5) percolation test holes which were satisfactory. This test will also be used to establish the septic area. Field data collected is shown on the Percolation Test Worksheet enclosed with this letter.

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. 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 drain field and two repair drain fields for the planned residence.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve areas. Your plan must contain all of the surrounding properties including the septic and well areas. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Sincerely,

Dana Bernard, REHS/RS
Environmental Specialist II
Phone (410) 313-2775
Fax (410) 313-2648
E-mail: DBernard@howardcountymd.gov

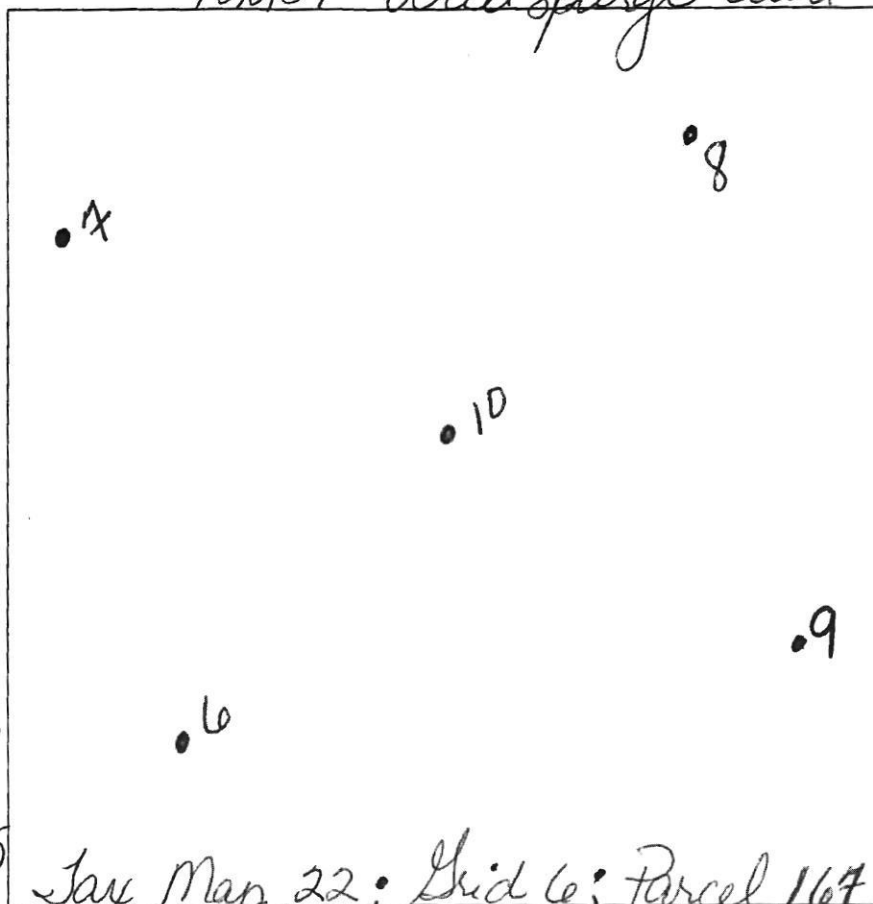
13257 Woodspurge Court

#8
 Perc 8
 Red Brown
 yellow
 Sh 2.7
 Red Brown
 yellow
 Sh
 15-20%
 Rx

#4'
 Perc 9
 Red Brown
 yellow
 Sh 2.5
 Red Brown
 yellow
 Sh
 5-10%
 Rx
 V # #4

Perc 10
 Red Brown
 yellow
 Sh 2.75
 Red Brown
 yellow
 Sh
 5-10%
 V
 141

#6
 Perc 6
 Red Brown
 Sh 2.5
 Red Brown
 yellow
 Sh
 5-10%
 Rx
 Red Brown
 yellow
 Sh
 Perc 7
 Red Brown
 yellow
 Sh 2.5
 Red Brown
 yellow
 Sh
 5-10%
 Rx
 Red Brown
 yellow
 Sh
 14'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6-8-20	7	3/14	10:14	10:18	10:20	P	8min
6-8-20	6	3/13	10:21	10:32	10:38	P	6min
6-8-20	10	3/14	10:42	10:44	10:46	3min	P
6-8-20	8	3/14	11:00	11:07	11:18	11min	P
6-8-20	9	3/14	11:09	11:17	11:21	4min	P

REMARKS

SANITARIAN, DBunard

BACKHOE

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SW