

C1 27681

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER XIII

ST/CO USE ONLY DATE RECEIVED 10/04/17

DATE WELL COMPLETED 9/20/2017

Depth of Well 220.5 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" Ho-17-0139

OWNER Newcomer, WELL SITE ADDRESS 3168 Jennings Chapel Rd, TOWN Woodbine Rd, SUBDIVISION Mill Green, SECTION 2, LOT 5

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Brown Shale (0-100), Blue Rock (100-205), and Water (150).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 19, NO. OF POUNDS 1786, GALLONS OF WATER 114, DEPTH OF GROUT SEAL 0-95 ft.

CASING RECORD

MAIN CASING TYPE (ST), Nominal diameter top (main) casing 6, Total depth of main casing 105

OTHER CASING (if used) diameter inch, depth (feet) from to

SCREEN RECORD

screen type or open hole (ST), insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y)

- CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 M.S.D. 021, DRILLERS SIGNATURE

LIC. NO. 1 D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, C, R, E, E, N. Rows show depth intervals: 1-11, 13-26, 28-41, 43-56, 58-71.

DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 8.5, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 24 ft., WHEN PUMPING 161 ft., TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES/NO), IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31-36. PUMP HORSE POWER 37-41. PUMP COLUMN LENGTH (nearest ft.) 43-47. CASING HEIGHT (circle appropriate box and enter casing height) (+) above, (-) below 2 (nearest foot)

LATITUDE 39.28421, LONGITUDE 77.09304 (DEFAULT COORD. WGS 84)

NOTES:

B 1  
42856

SEQUENCE NO.  
(MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please type  
500631

STATE PERMIT NUMBER  
HO-17-0139  
fill in this form completely

Date Received (APA) 05/15/17  
OWNER INFORMATION  
8 MM DD YY 13  
15 Last Name Newcomer Owner Bert First Name 34  
36 Street or RFD 13403 Autumn Crest Drive 55  
57 Town Mt Airy Md 70 State 72 Zip 76

B 3 LOCATION OF WELL  
8 COUNTY Howard 21  
23 SUBDIVISION Mill Green 42  
SECTION 2 44 48 LOT 5 48 50  
52 NEAREST TOWN Woodbine Md 71

DRILLER INFORMATION  
Larry Mayne M SD 027  
Driller's Name 76 License No. 81  
Joseph L. Mayne Well Drilling  
Firm Name  
5512 Ridge Rd Mt Airy 21771  
Address  
Larry Mayne 5-10-2017  
Signature Date

B 4 SOURCES OF DRILLING WATER  
1. Well  
2. 9/23/2017  
3. 65' on Arrival  
H<sub>2</sub>O @ 40'  
Water Shale & Not  
Competent bedrock

3168 Jennings Chapel Rd  
11 STREET ADDRESS 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST EAST  
SOUTH  
34 235 37  
DISTANCE FROM ROAD ENTER FT OR MI 38 39  
FAX MAP: 13 BLK: 22 PARCEL 101

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, DEWATERING  
 PUBLIC WATER SUPPLY WELL  
 TEST, OBSERVATION, MONITORING  
 OPEN LOOP GEOTHERMAL  
 CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard  
COUNTY NAME  
STATE SIGNATURE  
DATE ISSUED 06/07/17  
43 MM DD YY 48 CO SIGNATURE EXP. DATE 09/23/18  
DON: 09/27/2017 DOO: 9/28/17 DDT: 9/23/17

APPROXIMATE DEPTH OF WELL 300 24 FEET 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)  
37 CABLE REVERSE-ROTARY Drive-POINT  
other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROP. PERMIT NUMBER G  
PERMIT No. HO-17-0139  
70 71 72 73 74 75 76 77 78 79

PROPOSED LOCATION OF WELL ON LOT  
SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL  
9/28/17 - observed  
grout - looks good  
9/28/17 - yield 5.59 gpm  
Static - 24'  
draw down - 161'  
19 bags of grout  
205' depth  
105' of steel casing  
Jennings Chapel Rd  
Edwards Rd  
34' distance  
200'

Pursuant to § 10-624 of the State Govt. Article of the Maryland Code, personal info requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State Law.

SPECIAL CONDITIONS  
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED-



**INTERIM CERTIFICATE OF POTABILITY**

**Expiration Date – MARCH 26, 2020**

September 26, 2019

Homeowner  
3168 Jennings Chapel Road  
Woodbine, MD 21797

**RE: Mill Green Property, Lot 3  
3168 Jennings Chapel Road  
Building Permit: B19000715  
Well Permit: HO-17-0139**

Dear Homeowner:

This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on **9/3/2019**. Final approval of the well line connection to the dwelling was granted on **6/12/2019**. The well construction was completed on **9/28/2017**. Water samples were collected on **9/12/2019**.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-17-0139. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will be issued. **Failure to submit an additional sample and obtain a Final Certificate of Potability will result in a Notice of Violation and is punishable as a misdemeanor under the *Annotated Code of Maryland, Environment Article, 9-1311*, subject to a fine of up to \$500 or imprisonment not to exceed three months.**

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:  
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

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**Maura J. Rossman, M.D., Health Officer**

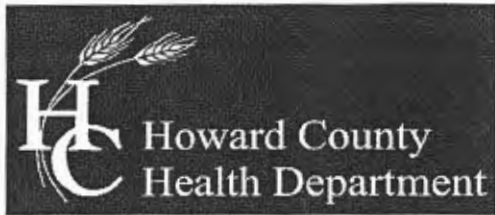
In closing, please refer to our "Homeowner Fact Sheet" which illustrates a better understanding for your Onsite Sewage Disposal System. You will also find a link to Maryland Department of the Environments website which describes in further detail operation and maintenance of your septic system.

Approving Authority,



Kevin M. Wolf, LEHS, R.S./REHS, Supervisor  
Groundwater Management Section  
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits  
Community Hygiene Program  
File



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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

Dr. Maura J. Rossman, M.D., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

Well Site Location:

3168 B-Jennings Chapel      \_\_\_\_\_  
Subdivision/Property Name      Lot #      Road Name

The well site has been staked by Vanmar  
(professional land surveyor or company employing professional land surveyors)  
on 6/2/2017 (date) and does not require a site inspection.

The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

LOT 1  
DUPLAN PROPERTY  
PLAT NO. 23217

LOT 5  
MILL GREEN, SECTION TWO  
PLAT BOOK 9, PAGE 31  
1.102 AC. ±

LOT 4  
MILL GREEN, SEC  
PLAT BOOK 9,

EX WELL  
#HO-95-2659

DO NOT REMOVE THIS TAG  
DEPARTMENT OF THE ENVIRONMENT  
WELL PERMIT NUMBER  
**HO-17-0139**  
INFORMATION GIVE NUMBER AND WRITE  
1800 WASHINGTON BLVD  
BALTIMORE MARYLAND 21230

Mill Green - Lots G9B  
3168 Jennings Chapel G9A  
Approved 06/07/2017  
HO-17-0139  
Staked by Van Mar



# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

## REPORT OF ANALYSIS

Laboratory ID #: 132790 Account #: 3875  
Reference: Gerald Robinson Company: Sterling Quality Water  
Location: 3168 Jennings Chapel Road Requested By: George Sterling  
Woodbine, MD 21797 Source: Well Water  
Date/ Time Collected: 9/12/2019 1345 Site: Kitchen Sink Tap  
Date/Time Rec'd: 9/13/2019 1030 Treatment: None  
Chlorine ppm: Free: ND Total: ND pH: 6.8  
Collected By: G. Sterling 2487GS Well #: HO-17-0139

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/14/2019 / 0900 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	9/14/2019 / 0900 / CRS
Nitrate	<1.0	mg/L	10	601	9/13/2019 / 1500 / RER
Turbidity	9.44	NTU	<10	SM20 2130B	9/13/2019 / 1505 / RER
Sand	NS	mg/L	5	Visual/Gravimetric	9/13/2019 / 1505 / RER

### NOTES

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU = Nephelometric Turbidity Units
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 Sample collected by client, analyzed as received
- 7 ND = None Detected
- 8 Visual well check: Sealed, vented cap
- 9 pH tested on site; Chlorine level tested in lab

Reason for Test : Use & Occupancy

Building Permit # : B19000715

Date Reported: 9/16/2019