

C1 08079

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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 13

ST/CO USE ONLY DATE RECEIVED MM 03 DD 21 YY 14

DATE WELL COMPLETED MM 03 DD 20 YY 2014

Depth of Well 160 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-2636

OWNER Sharp A Charles WELL SITE ADDRESS Old Frederick Rd TOWN Cooksville SUBDIVISION Quartz Hill III SECTION LOT 6

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Sand, Gray Granite, and Water.

GROUTING RECORD form including: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CEMENT CM, BENTONITE CLAY BC), NO. OF BAGS 6, NO. OF POUNDS 564, GALLONS OF WATER 36, DEPTH OF GROUT SEAL 20 ft.

CASING RECORD form including: casing types insert appropriate code below (ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER), MAIN CASING TYPE ST, Nominal diameter top (main) casing 6 inch, Total depth of main casing 21 feet.

OTHER CASING (if used) form with columns for diameter and depth.

SCREEN RECORD form including: screen type or open hole (ST STEEL, BR BRASS, HO OPEN HOLE, PL PLASTIC, OT OTHER), insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y)

CIRCLE APPROPRIATE LETTER: A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 MSD024 DRILLERS SIGNATURE [Signature]

LIC. NO. 1 MSD027 DRILLERS SIGNATURE [Signature]

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

DEPTH (nearest ft.) table with columns 1-11 and 15-21. Values: 140, 20, 160.

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

PUMPING TEST form including: HOURS PUMPED 3, PUMPING RATE 20 gal. per min., METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 35 ft. BEFORE PUMPING, 46 ft. WHEN PUMPING.

PUMP INSTALLED form including: DRILLER INSTALLED PUMP YES NO, TYPE OF PUMP INSTALLED S submersible, CAPACITY: GALLONS PER MINUTE 1.

LATITUDE 39.33761 LONGITUDE 77.01290 (DEFAULT COORD. WGS 84)

NOTES:

B 1 29561

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-95-2636

fill in this form completely

546223-E please type

Date Received (APA)

01 13 14

OWNER INFORMATION

Sharp A. Charles 4003 Jennings Chapel Rd Brookeville Md 20833

B 3

LOCATION OF WELL

Howard COUNTY Quartz Hill SUBDIVISION SECTION 44 46 LOT 6 COOKSVILLE NEAREST TOWN

DRILLER INFORMATION

Joseph & Mayne MSD024 Joseph & Mayne Well Drillers 5512 Ridge Rd Mt. Airy Md 21771

B 4

SOURCES OF DRILLING WATER

1. Well

Old Frederick Rd. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD ENTER FT OR MI TAX MAP: 8 BLK: PARCEL 401

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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 13 COUNTY NO. STATE SIGNATURE DATE ISSUED 1/27/14 CO SIGNATURE ANDREW HEINTZ EXP. DATE 1/27/15

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

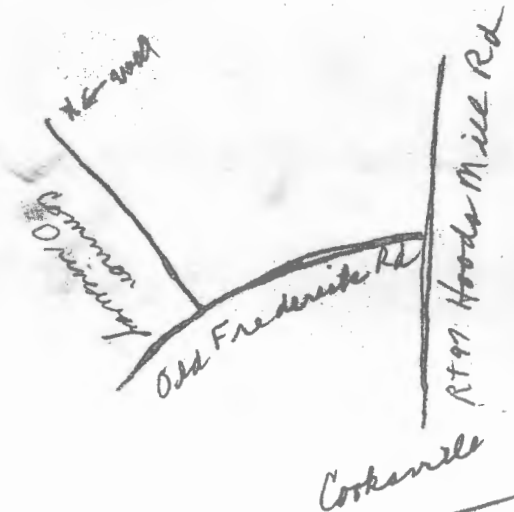
METHOD OF DRILLING (circle one)

- BORED (or Augered) AIR-ROTARY JETTED AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

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



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER G PERMIT No. HO-95-2636

SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



1101-1066

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2649 FAX: (410)313-2648  
313-1771

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (and Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: AMANTIC BLUE, LLC Telephone #: 410-840-2583  
Address: 1802 Baltimore Blvd.  
Westminster, MD 21157

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): KIRK SWITZERLY Licensed # 70788

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Catonville Homes Telephone #: 410 442-2211  
Subdivision: QUARTZ HILL III Lot #: 16 Well Tag #: HO-95-2636 (ST)  
Site Address: 14556 Old Frederick Road  
COOKSVILLE, MTS 21723

Submersible Pump Data

Make: Goulds  
Model #: \_\_\_\_\_  
Pump Capacity 7 GPM  
Well Yield: 20 GPM

Pitless Adapter

Make: Campbell  
Model #: \_\_\_\_\_  
Depth: 42" (36" min)  
NSF approved:

Well Cap and Electric Conduit

Two piece watertight cap:   
Screened, vented well cap:   
Cap secured to casing:   
Conduit min 1 1/2" E.G.:   
Conduit secured to well cap:

Depth of well encountered at time of pump installation: 160' (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt N/A

Piping to house

Type: poly  
PSI: 200 (160 psi min)  
Depth of supply line: 36" (36" min)

House Connection

PVC sleeved to undisturbed soil at well penetration:   
Approximate length of sleeve: 20'  
Sleeve caulked and sealed properly:

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

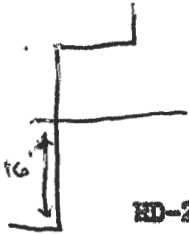
[Signature] 9/22/2020  
Signature of company representative responsible for installation date

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 12/11/20 Date Insp. Approved: 1/6/21

Inspection Data: Pitless adapter and water supply line at least 36" below grade  48"  
Two piece cap installed and attached to casing securely   
Elec. conduit extends at least 18" below grade/attached to cap properly   
Safety rope installed inside of well casing   
Correct well tag attached properly and casing 8" above finished grade   
Water supply line sleeved adequately at house connection   
Adequate grout observed below pitless adapter

currently it is when grade is dropped it will be 17" 43" (ST)



HD-215 (Rev. 8/00)

grade  
\* do not drop more than 12"

Reinspect for final grade. Max 12" above grade. Re inspect for secure cap.

**INTERIM CERTIFICATE OF POTABILITY**

**Expiration Date – SEPTEMBER 31, 2021**

March 31, 2021

Homeowner  
14556 Old Frederick Road  
Cooksville, MD 21723

**RE: Quart Hill III, Lot 6  
14556 Old Frederick Road  
Building Permit: B20002351  
Well Permit: HO-95-2636**

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 **1/15/2021**. Final approval of the well line connection to the dwelling was granted on **3/30/2021**. The well construction was completed on **3/20/2014**. Water samples were collected on **3/23/2021**.

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-95-2636. 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.**

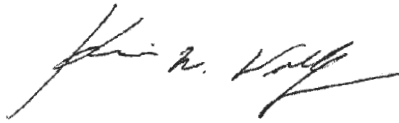
Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:  
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

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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.

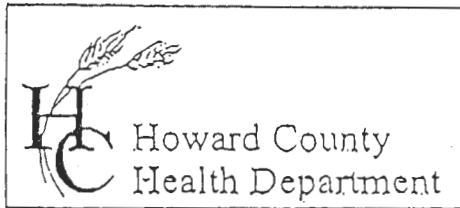
Approving Authority,



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





7178 Columbia Gateway Drive, Columbia, MD 21046  
 (410) 313-2640 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., 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: \*-8-  
Quartz Hill III                      Old Frederick Rd  
 Subdivision/Property Name Lot# Road Name

The well site has been staked by VanMan Associates  
 (professional land surveyor or company employing professional land surveyors)  
 on Dec - 2013 (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.

Revised 3/11/05

*Charles Sharp*

# FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

## REPORT OF ANALYSIS

Laboratory ID #: 143510 Account #: 1045  
Reference: CBI Homes Quartz Hill 6 Company: Atlantic Blue Water Services  
Location: 14556 Old Frederick Road Requested By: Mark Mather  
Cooksville, MD 21723 Source: Well Water  
Date/ Time Collected: 3/23/2021 1005 Site: Powder Room Faucet  
Date/Time Rec'd: 3/23/2021 1101 Treatment: None  
Chlorine ppm: Free: ND Total: ND pH: 5.6  
Collected By: M. Mather 0258MM Well #: HO-95-2636

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	3/24/2021 / 1030 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	3/24/2021 / 1030 / CRS
Nitrate	1.06	mg/L	10	601	3/23/2021 / 1645 / CRS
Turbidity	<0.30	NTU	<10	SM20 2130B	3/23/2021 / 1655 / CRS
Sand	ND	mg/L	5	Visual/Gravimetric	3/23/2021 / 1655 / CRS

### 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 NTU = Nephelometric Turbidity Units
- 4 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 5 Sample collected by client, analyzed as received
- 6 ND:None Detected
- 7 Visual well check: Sealed, vented cap
- 8 pH and Chlorine level tested in lab (pH tested after recommended holding time)

Reason for Test : Use & Occupancy  
Building Permit # : B200002351

Date Reported: 3/24/2021