



HOWARD COUNTY HEALTH DEPARTMENT

65532

DATE 6/19/15

WS

Received From

Mark Guendon

PHONE #

410 707-2177

For

Well Permit 12825
Folly Quarter
ID.

CASH

CHECK

NO.

316

One hundred sixty

Dollars

\$

160.00

Received By

King

C1 41850

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER 565532

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM DD YY

MM DD YY 7-5-2019

22 440' 26 (TO NEAREST FOOT)

Ho-18-0142

OWNER Guindon Mark + Stephanie WELL SITE ADDRESS 12925 Folly Quarter Rd TOWN Elliott City 21042 SUBDIVISION SECTION LOT 13

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) CEMENT BENTONITE CLAY NO. OF BAGS 11 NO. OF POUNDS 1634 GALLONS OF WATER 66 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 40 ft.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 2.6 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 23 ft. WHEN PUMPING 268 ft. TYPE OF PUMP USED (for test) S submersible

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

DESCRIPTION (Use additional sheets if needed) FEET FROM TO check if water bearing

Table with 3 columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows: Sand (0-40), Mica Rock (40-440), Water at 65' 270'.

CASING RECORD

ST STEEL CO CONCRETE PL PLASTIC OT OTHER MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 44

OTHER CASING (if used)

Table with 2 columns: diameter inch, depth (feet) from to

SCREEN RECORD

ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER screen type or open hole (insert appropriate code below)

C 2 DEPTH (nearest ft.)

Table with 2 columns: depth (feet) from to. Rows: 1-21, 23-36, 38-51, SLOT SIZE 1 2 3, DIAMETER OF SCREEN (NEAREST INCH) 56 60

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES) (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) (+) above () below LAND SURFACE 2 (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER

- A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

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 M 5 D 0 2 7

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

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

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

70 72 74 75 76 TELESCOPE LOG OTHER DATA CASING INDICATOR

LATITUDE 39.24552 LONGITUDE 76.95969 (DEFAULT COORD. WGS 84)

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.

TAG = DNI

B 1 64948

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER HO-18-0142

OWNER INFORMATION: Date Received (APA) 6/11/19, Owner Guindon Mark + Stephanie, Last Name 12825 Folly Quarter Rd, Street or RFD, Ellicott City, Md, 21042, Town, State, Zip

LOCATION OF WELL: Howard, COUNTY, 21, SUBDIVISION, SECTION 44, 46, LOT 48, 50, NEAREST TOWN Ellicott City

DRILLER INFORMATION: Driller's Name Larry Mayne, License No. M SD 027, Firm Name Joseph & Mayne Well Drilling, Address 5512 Ridge Rd Mt Airy Md 21771, Signature, Date 6-15-2019

SOURCES OF DRILLING WATER: 1. Well, 2., 3.

12825 Folly Quarter Rd, STREET ADDRESS, ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX), DISTANCE FROM ROAD, ENTER FT OR MI, TAX MAP: 0028, BLK: 0004, PARCEL 0258

WELL INFORMATION: APPROX. PUMPING RATE (GAL. PER MIN.) 8, 12, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14, 20

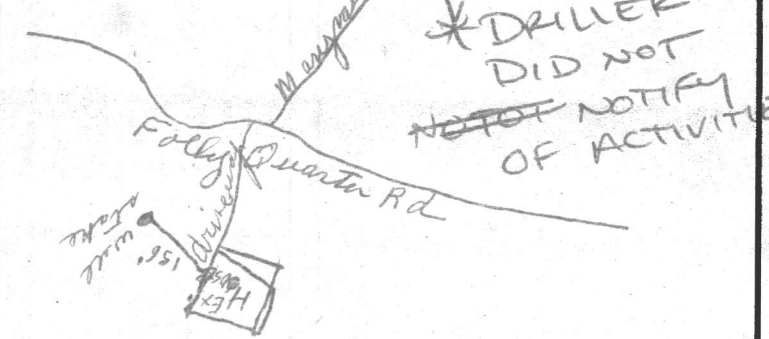
USE FOR WATER (CIRCLE APPROPRIATE BOX): D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION, F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION), I INDUSTRIAL, COMMERCIAL, DEWATERING, P PUBLIC WATER SUPPLY WELL, T TEST, OBSERVATION, MONITORING, O OPEN LOOP GEOTHERMAL, C CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: COUNTY NAME Howard, COUNTY NO., STATE SIGNATURE, DATE ISSUED 06/25/2019, CO SIGNATURE, EXP. DATE 06/25/2020

APPROXIMATE DEPTH OF WELL 280 FEET, APPROXIMATE DIAMETER OF WELL 6 INCH, NEAREST INCH

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

METHOD OF DRILLING (circle one): BORED (or Augered), JETTED, Jetted & DRIVEN, AIR-ROTary, AIR-PERCussion, ROTARY (Hydraulic Rotary), CABLE, REVerse-ROTary, DRive-POINT, other



REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX): N THIS WELL WILL NOT REPLACE AN EXISTING WELL, Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED, S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS, D THIS WELL WILL DEEPEIN AN EXISTING WELL, PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41, 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY): APPROX. PERMIT NUMBER, PERMIT No. HO-18-0142

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: RADIUM SAMPLE

FIELD DATA SHEET
 HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 18-0142
 Location of property (road) 12825 Folly Quarter Rd
 Subdivision _____ Lot 13 Block _____ Plat _____ Sec. _____
 Well Driller Joseph K. Mayne Jr Owner Mark + Stephanie Guindon

Depth of well 440'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 23'

I. High rate pumping -- reservoir drawdown

Time pump started 7:45 Pumping rate 20 gpm
 Total time 30 min to reach pumping water level 268 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

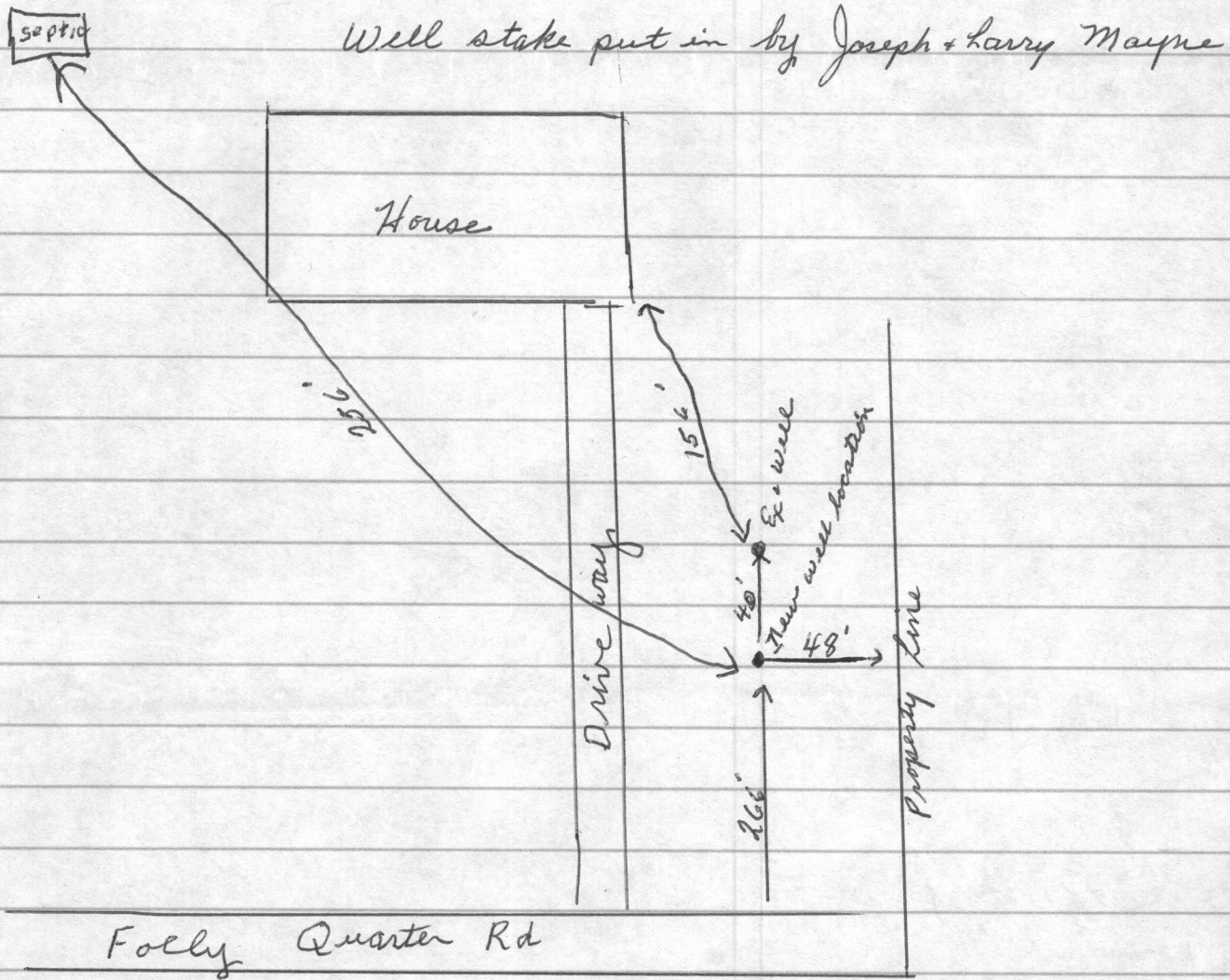
TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5-gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	140'	3 sec		20 gal
8:15	268'	3 sec		20 gal
8:30	268'	23 sec		2.6
8:45	268'	23 sec		2.6
9:00	268'	23 sec		2.6
9:15	268'	23 sec		2.6
9:30	268'	23 sec		2.6
9:45	268'	23 sec		2.6
10:00	268'	23 sec		2.6
10:15	268'	23 sec		2.6
10:30	268'	23 sec		2.6
10:45	268'	23 sec		2.6
11:00	268'	23 sec		2.6
11:15	268'	23 sec		2.6
11:30	268'	23 sec		2.6
11:45	268'	23 sec		2.6
12:00	268'	23 sec		2.6
12:15	268'	23 sec		2.6
12:30	268'	23 sec		2.6
12:45	268'	23 sec		2.6
1:00	268'	23 sec		2.6
1:15	268'	23 sec		2.6
1:30	268'	23 sec		2.6
1:45	268'	23 sec		2.6
2:00	268'	23 sec		2.6

Mark + Stephanie Guindon

12825 Folly Quarter Rd

410-707-2177

Ellicott City Md 21042



Mark + Stephanie Guindon

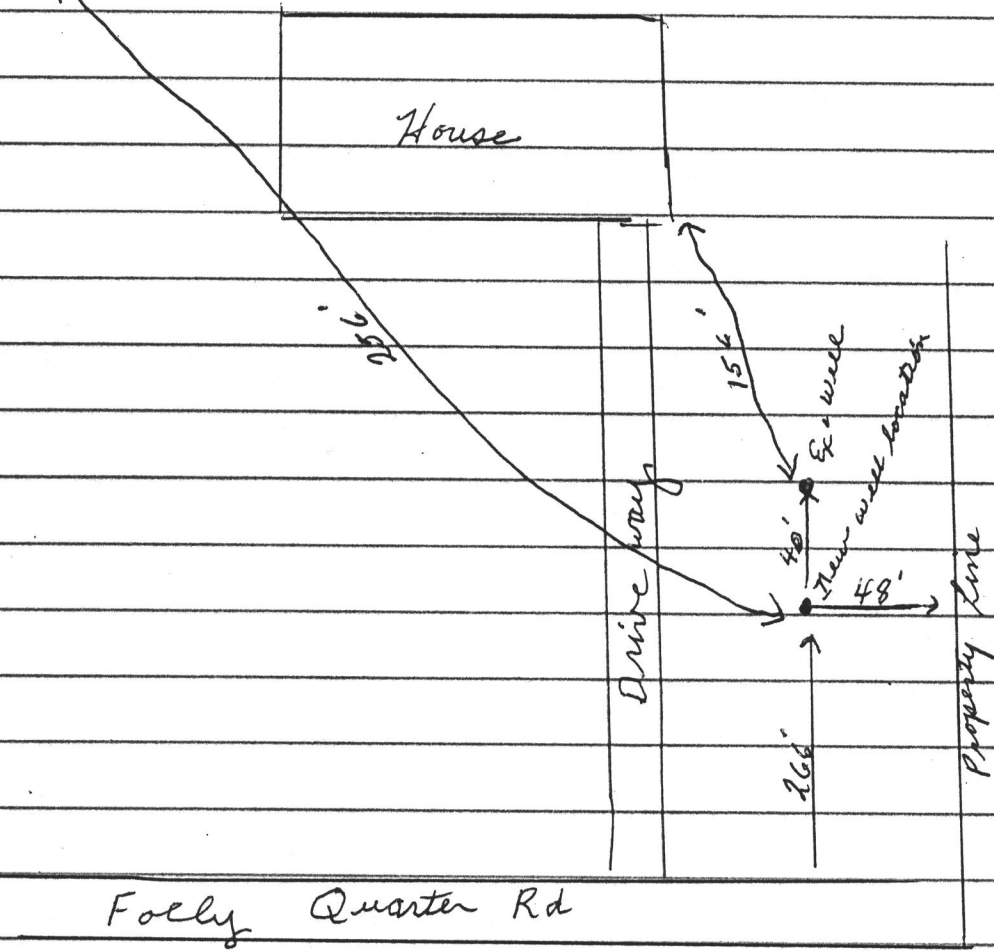
12825 Folly Quarter Rd

410-707-2177

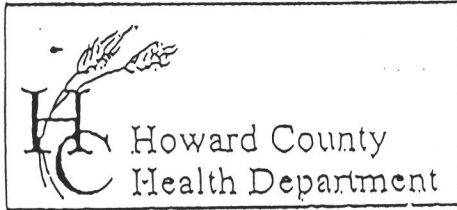
Ellicott City Md 21042

50 pt 10

Well stake put in by Joseph + Larry Mayne



Folly Quarter Rd



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:

		<i>12825 Folly Quarter Rd</i>
Subdivision/Property Name	Lot#	Road Name

The well site has been staked by *Joseph Larry Mayne*
 (professional land surveyor or company employing professional land surveyors)
 on *6-14-2019* (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

Mark & Stephanie Guendon

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


MEMORANDUM

September 25th, 2019

Home Owner

Joyce Obidi

RE: **Replacement Well Sampling**
12825 Folly Quarter
Ellicott City, MD 21042
Well Permit # HO-18-0142

09/25/2019 

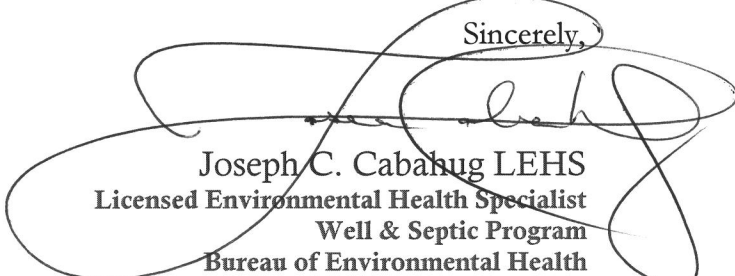
Dear Homeowner:

According to our records, your replacement well has been connected to the dwelling. The final inspection was granted on 9/4/19. We request that you contact the Community Hygiene Program at **(410) 313-1773** to schedule initial water sampling for the above referenced replacement well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). This sampling includes testing for bacteria, nitrates, turbidity, and sand. Radium samples will also be required.

It is preferred that the sample be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment.

If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office. If you have any further questions, you can call me at 410-313-2643. Otherwise, call Community Hygiene at 410-313-1773 to schedule or arrange for them to collect the subsequent water samples.

Sincerely,



Joseph C. Cabanug LEHS
Licensed Environmental Health Specialist
Well & Septic Program
Bureau of Environmental Health

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

MEMORANDUM

July 18th, 2019

Guindon, Mark E and Stephanie

RE: Replacement Well Sampling
12825 Folly Quarter Road
Ellicott City, MD 21042
Well Permit # HO-18-0142

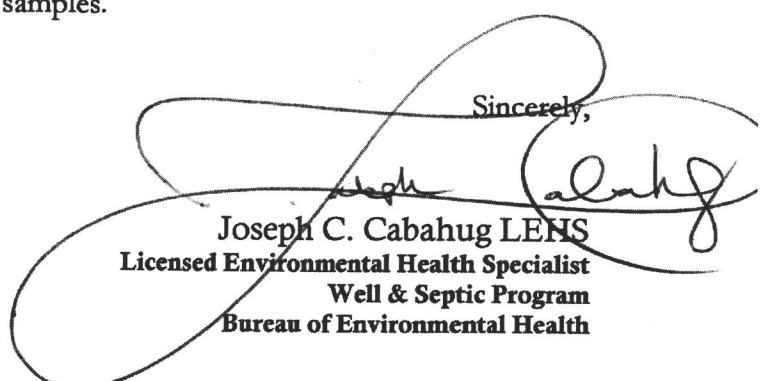
Dear Homeowner:

According to our records, your replacement well is proposed to be connected to the dwelling. We request that you contact the Community Hygiene Program at **(410) 313-1773** to schedule initial water sampling for the above referenced replacement well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). This sampling includes testing for bacteria, nitrates, turbidity, and sand. In addition, the well will need radium samples. There is currently **no charge** for the sampling and it is to your benefit to have it tested. The existing well must either be tied in for use or abandoned and sealed.

It is preferred that the sample be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment.

If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office. If you have any further questions, you can call me at 410-313-2643. Otherwise, call Community Hygiene at 410-313-1773 to schedule or arrange for them to collect the subsequent water samples.

Sincerely,



Joseph C. Cabahug LENS
Licensed Environmental Health Specialist
Well & Septic Program
Bureau of Environmental Health

Cc: Community Hygiene Program
File

HOMELAND ENVIRONMENTAL

p:443-995-5385 | info@homelandhealthyhomes.com | www.homelandhealthyhomes.com

**Field Data Sheet
Modified Well Yield Test Report**

Property Address: 12825 Folly Quarter Road Ellicott City, MD 21042

Date: 5/27/2019 Well Tag Number: HO 81 0622 Well Depth: 300 Feet
 Time: 11:00 AM Static Level: 27 Feet GPM at Drilling: 2 GPM

Minute	Seconds for 5 Gallons	PSI	Total Gallons	Gallons per Minute (GPM)
15	42	24	107	7.1
30	56	20	188	5.4
43	1 Gallons in 12.8 Minutes		188	0.1
55	1.5 Gallons in 12.3 Minutes		188	0.1
67	1 Gallon in 12.5 Minutes		188	0.1

Notes: The well has a reserve of approximately 188 gallons. Once the reserve was depleted the well yielded 0.1 gallons per minute. The average person uses 75 gallons of water per day. The minimum well yield required for new well construction is 1 Gallon Per Minute(GPM). This well producing 0.1 GPM may require remediation. It is suggested that parties consult with a well driller to determine the best remediation.

* Reflects data gathered by the well tag number, County records, and/or information supplied from the homeowner.

Signature of Drew Henderson *Drew Henderson*

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 #: 131532
Reference: Joyce Bidd **OBIDI**
Location: 12845 Folly Quarter Road
Ellicott City, MD 21042
Date/ Time Collected: 7/22/2019 1215
Date/Time Rec'd: 7/22/2019 1405
Chlorine ppm: Free: ND Total: ND
Collected By: E. Zepp 7580EZ
Account #: 4888
Company: Zepp Plumbing & Heating, Inc.
Requested By: Edgar W. Zepp IV
Source: Well Water
Site: Kitchen Sink Tap
Treatment: Neutralizer
pH: 6.8
Well #: HO-18-0142

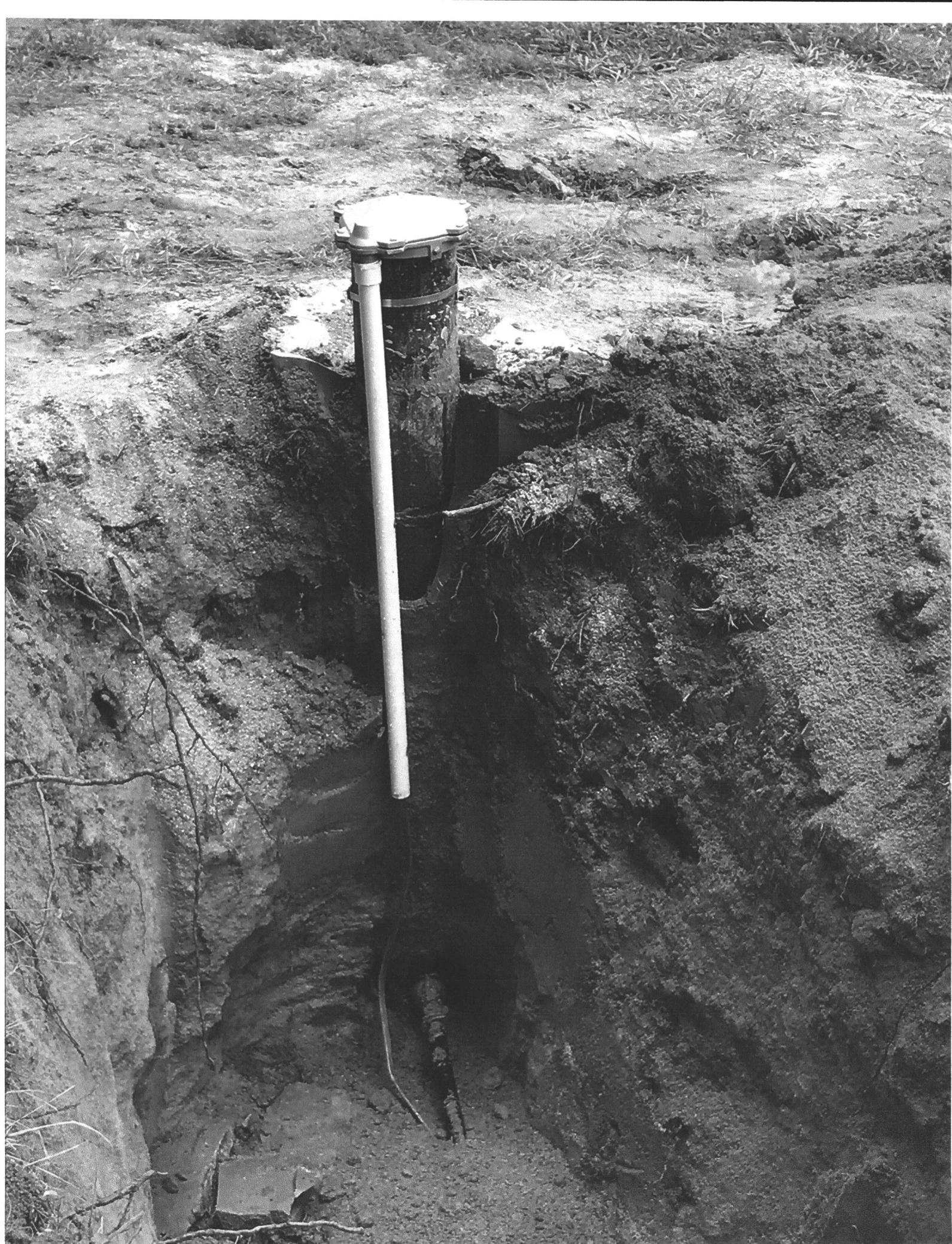
PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	7/23/2019 / 1030 / RER
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	7/23/2019 / 1030 / RER
Chloride	17.5	mg/L	250*	SM4500-Cl-B.	7/23/2019 / 1440 / RER
Hardness	126	mg/L CaCO ₃	***	SM20 2340 C.	7/24/2019 / 1315 / RER

NOTES

- 1 ***Hardness Range: Soft 0-75; Moderately Hard 75-150; Hard 150-300; Very Hard >300 mg CaCO₃/L = milligrams of Calcium Carbonate per Liter
- 2 *SMCL = Secondary Maximum Contaminant Level
- 3 mg/L = milligrams per liter (also, parts per million)
- 4 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND:None Detected
- 7 Sample collected by client, analyzed as received
- 8 pH tested on site; Chlorine level tested in lab

Reason for Test : Client's Information

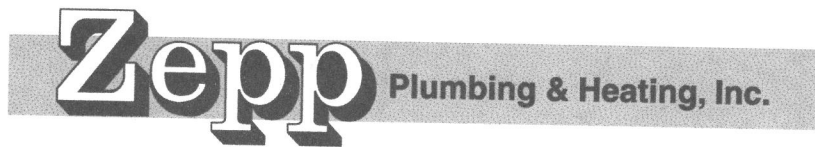
Date Reported: 7/24/2019











5820 Clarksville Square Drive
Clarksville, MD 21029
Phone 410-531-6712
Fax 410-531-5812

September 25, 2019

Howard County Health Department
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, MD 21045

Re: Mark Guindon
12825 Folly Quarter Rd. Ellicott, MD 21042

Attn: Kevin Wolf

On Thursday, July 11th 2019, Zepp Plumbing & Heating Inc. installed a new 1 horsepower Goulds submersible well pump in a newly drilled well by Joseph Mayne Well Drilling Inc on their permit. Utilizing the existing well line and electric supply from the existing home located at 12825 Folly Quarter Rd. Ellicott City, MD 21042 owned by Mark Guindon.

The existing well was low yield so the owner requested a new deeper well drilled before settlement on Friday, July 12, 2019 for the new buyer. A new well pump was installed one year prior in the existing well, and maintained water to the residence with 3 adults so the existing well was also kept in service. Zepp Plumbing & Heating Inc. chlorinated both wells and the residence and performed a potable water test (bacteria). The results confirmed the absence of bacteria and a copy of those results are included with this letter. All piping was pressure tested and no leaks were found. Please feel free to contact Eddy Zepp at 443-864-3101, if there are any further questions. Thank You.

Sincerely,

Edgar W. Zepp IV

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
6/25/09	VERBAL AUTHORIZATION FOR WELL PERMIT
	16:57. SPOKE WITH JUDY AT JOSEPH L
	MAYNE WELL DRILLING (301 829 2164).
	WELL TAG: HO-18-0142
	WELL PERMIT: WSG5532
	WELL NEEDS RADIUM SAMPLES.
6/28/09	DELIVERED PERMIT IN FIELD TO DRILLER. RADIUM
	SAMPLES REQUIRED. (+)

FILE INQUIRY NOTES

12825 FOLLY QUARTER

DATE	RESULTS OF REVIEW FOR FILE
7/18/2009	SENT REP WELL LETTER (P)
9/11/2009	CALLED RE/MAX SHELBY TEAM (443) 280-4261, LEFT MESSAGE. INFORMED WELL WAS INSTALLED W/O WLI INSPECTION OR WELL ABANDONMENT. NOV TO BE ISSUED. (P)
9/17/2009	SITE INSPECTION, WELL CASING NOT EXPOSED. SENT NOV TO JILLON (P)