

TAG: 4/23/2018

B 1	SEQUENCE NO. (MDE USE ONLY) 54201	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 562439 please type	STATE PERMIT NUMBER H0-17-0266 fill in this form completely
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Date Received (APA) 02/14/18	OWNER INFORMATION	
8 MM DD YY 13		
15 Last Name Elm Street Development	Owner	First Name
36 Street or RFD 6820 Elm Street, Suite 200	55	
57 Town McLean VA	70 State	72 Zip 22101

DRILLER INFORMATION	
Driller's Name Michael Barlow MWD 355	76 License No. 81
Firm Name Barlow Well Drill NG	
Address 522 Underwood Lane 2104	
Signature <i>[Signature]</i>	Date 2/12/18

B 2	WELL INFORMATION
1 2	
APPROX. PUMPING RATE (GAL. PER MIN.)	8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)	14 20
	750

USE FOR WATER (CIRCLE APPROPRIATE BOX)	
<input checked="" type="radio"/> D	DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
<input type="radio"/> F	FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
<input type="radio"/> I	INDUSTRIAL, COMMERCIAL, DEWATERING
<input type="radio"/> P	PUBLIC WATER SUPPLY WELL
<input type="radio"/> T	TEST, OBSERVATION, MONITORING
<input type="radio"/> O	OPEN LOOP GEOTHERMAL
<input type="radio"/> C	CLOSED LOOP GEOTHERMAL

APPROXIMATE DEPTH OF WELL	300	FEET
	24 28	

APPROXIMATE DIAMETER OF WELL	6	NEAREST INCH
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METHOD OF DRILLING (circle one)	
BORED (or Augered)	JETTED
30 AIR-ROTARY	37 CABLE
other	
JETTED & DRIVEN	ROTARY (Hydraulic Rotary)
AIR-PERCussion	DRIVE-POINT
REVERSE-ROTARY	

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)	
<input checked="" type="radio"/> N	THIS WELL WILL NOT REPLACE AN EXISTING WELL
<input type="radio"/> Y	THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
<input type="radio"/> S	THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
<input type="radio"/> D	THIS WELL WILL DEEPM 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)	
APPROX. PERMIT NUMBER	10 20 16 00 4
PERMIT NO.	H0-17-0266
	70 71 72 73 74 75 76 77 78 79

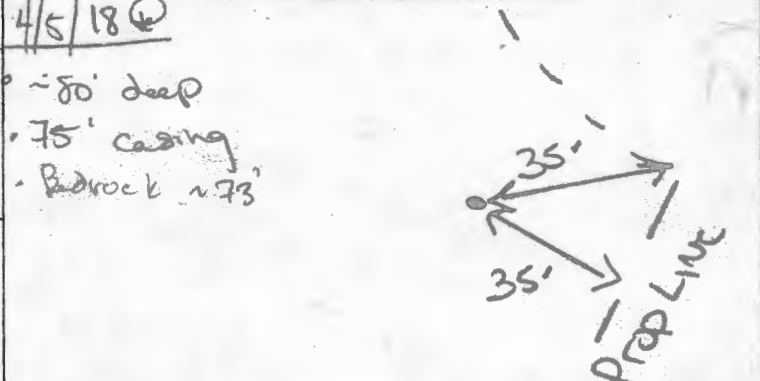
SPECIAL CONDITIONS
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 3	LOCATION OF WELL
8 COUNTY Howard	21
23 SUBDIVISION Walker Meadows	42
SECTION 17	LOT 17
44 46 48 50	
52 NEAREST TOWN Sykesville	71

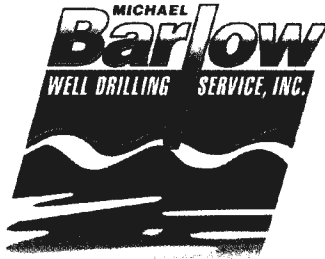
B 4	SOURCES OF DRILLING WATER
1. Well	
2.	
3.	
HOWARD LODGE DRIVE 11 STREET ADDRESS 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST SOUTH EAST 34 1000 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 9 BLK: 6 PARCEL 66	

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL	
COUNTY NAME Howard	COUNTY NO. A537369-P 13
STATE SIGNATURE <i>[Signature]</i>	INSERT S →
DATE ISSUED 3/15/18	EXP. DATE 3/15/19
43 MM DD YY 48	CO SIGNATURE

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



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.



MICHAEL BARLOW WELL DRILLING & SERVICE, INC.

522 Underwood Lane
(410) 838-6910

Bel Air, Maryland 21014
Fax (410) 838-3582

WELL YIELD REPORT

Date Test Completed:

April 11, 2018

Well Depth:

150 feet

Customer Elm Street Development
Road Howard Lodge Drive
City Clarksville
State Maryland

Permit # HO-17-0266
Subdivision Walker Meadows
Section
Lot # 17

Time	Water Level In Feet	Time to Fill 1-gallon bucket seconds	G.P.M.
2:00 PM	28	5	12.00
2:15 PM	40	5	12.00
2:30 PM	60	5	12.00
2:45 PM	80	5	12.00
3:00 PM	100	5	12.00
3:15 PM	100	5	12.00
3:30 PM	100	5	12.00
3:45 PM	100	5	12.00
4:00 PM	100	5	12.00
4:15 PM	100	5	12.00
4:30 PM	100	5	12.00
4:45 PM	100	5	12.00
5:00 PM	100	5	12.00
5:15 AM	100	5	12.00
This yield test report is for informational purposes only. Please note the yield may increase or decrease over time and the GPM indicated above is not a guarantee.			

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

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 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Foale's Well Pump & Water Treatment, LLC Telephone #: 410 795 5670
Address: 1540 Abrecht Rd
Sykesville MD 21784

Must circle one: Licensed Plumber / Licensed Well Driller / Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): David C Foale License #: MSD226

*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: NVR INC Telephone #: _____
Subdivision: Walker Meadows Lot #: 17 Well Tag #: HO-17-0266 SR
Site Address: 1048 Stepping Place
Sykesville, MD 21784

Submersible Pump Data

Make: Goulds

Model #: TH505422

Pump Capacity: 7

Well Yield: 17

Depth of well encountered at time of pump installation: 100 (feet) YS

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Must circle one: Torque arrestors / Cable guards / Other acceptable method used

Safety rope, if used, attached to brass rope adapter or other acceptable method Inside of well casing NA

Pitless Adapter

Make: Camorell +

Model #: NA

GPM Depth: 36" (36" min)

GPM NSF/WSC approved: YS

Well Cap and Electric Conduit

Two piece watertight cap: YS

Screened, vented well cap: YS

Cap secured to casing: YS

Conduit min 18" B.G.: YS

Conduit secured to well cap: YS

Piping to house

Type: 1" PEX pipe

PSI: 200 (160 psi min)

Depth of supply line: 36" (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration: YS

Length of sleeve (5' minimum from foundation): 10'

Sleeve sealed properly: YS

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 of company representative responsible for installation: David C Foale

date: 5/10/2021

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

Date Insp. Requested: 5/11/21 Date Insp. Approved: 5/11/21 Inspector: SD

Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope not outside of well cap/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

40" at pitless 2.5' at front corner of house
30"
20"
5'
3' cover SD

(Revised form 10/24/2018)



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:

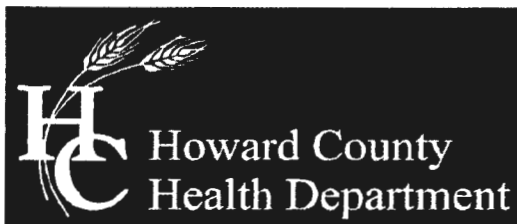
Well Site Location:

<u>WALKER MEADOWS</u>	<u>17</u>	<u>- STEPPING PLACE</u>
<u>Subdivision/Property Name</u>	<u>Lot #</u>	<u>Road Name</u>
	<u>22-32, 34, BPP'A'</u>	<u>MAPLE DRIVE</u>

☒ The well site has been staked by DEVELOPMENT DESIGN CONSULTANTS
(professional land surveyor or company employing professional land surveyors)
on 2-09-2018 (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.



Bureau of Environmental Health

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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:

	9	HIGH STEPPER TRAIL
	15-21	STEPPING PLACE
WALKER MEADOWS	22-34, BPPA'	MAYAPPLE TRAIL
Subdivision/Property Name	Lot #	Road Name

☒ The well site has been staked by DEVELOPMENT DESIGN CONSULTANTS
(professional land surveyor or company employing professional land surveyors)
on 3/28/2018 (date) and does not require a site inspection.

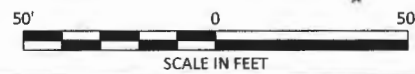
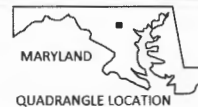
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~~LEGEND~~
~~Proposed Test Well~~

well box ok
 (RP) 3/15/18



NOTE:

Aerial Photo Base was obtained from the State of Maryland iMap Imagery website (<http://imap.maryland.gov>), categorized as "Howard2016 SixInchImagery" dated 2016.

Elm Street Development			
project location: Sykesville, Howard County, Maryland			
		project: Water Supply Development Lot #17 Proposed Test Well Location Map	
file no.	ESD-WM-Report Set.dwg		
drawn	M. Swam	date	02/09/18
checked	J. Lindaw	date	02/09/18
approved	M. Hanfler	date	02/09/18
www.hydro-terra.com			1

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

INTERIM CERTIFICATE OF POTABILITY
Expiration Date – JANUARY 1, 2022

July 1, 2021

Homeowner
1048 Stepping Place
Sykesville, MD 21784

RE: Walker Meadows, Lot 17
1048 Stepping Place
Building Permit: B20002612
Well Permit: HO-17-0266

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 **6/16/2021**. Final approval of the well line connection to the dwelling was granted on **5/11/2021**. The well construction was completed on **4/11/2018**. Water samples were collected on **6/14/2021**.

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-17-0266. 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.**

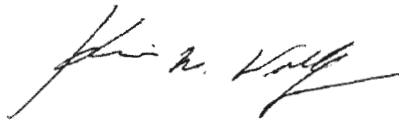
Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:

<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

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 Environment's 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

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 145167 Account #: 1933
Reference: Walker Meadows Lot 17 Company: Fogle's Well Pump & Treatment
Location: 1048 Stepping Place Requested By: Dave Fogle
Sykesville, MD 21784 Source: Well Water
Date/ Time Collected: 6/14/2021 0705 Site: Pressure Tank
Date/Time Rec'd: 6/14/2021 1424 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.9
Collected By: J. Evans 0309JE Well #: HO-17-0266

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	6/15/2021 / 0910 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	6/15/2021 / 0910 / CRS
Nitrate	1.88	mg/L	10	601	6/15/2021 / 0910 / TSD
Turbidity	0.73	NTU	<10	SM20 2130B	6/14/2021 / 1515 / TSD
Sand	ND	mg/L	5	Visual/Gravimetric	6/14/2021 / 1515 / TSD

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 # : B20002612

Date Reported: 6/15/2021