

C1 55744

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER XIII

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

ST/CO USE ONLY DATE RECEIVED 05/23/18

DATE WELL COMPLETED 04/18/18

Depth of Well 302 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-17-0253

OWNER GILLIECE FAMILY LLC WELL SITE ADDRESS HIGH STEPPER TRAIL TOWN SYKESVILLE SUBDIVISION WALKER MEADOWS SECTION LOT 8

WELL LOG Not required for driven wells

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Tan Ground, Hard Tan Rock, Gray Rock, Tan Rock, Gray Rock, Tan Rock, Gray Rock.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 9 NO. OF POUNDS 450

CASING RECORD

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 60

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

SCREEN RECORD

DEPTH (nearest ft.) 302 GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

PUMPING TEST

HOURS PUMPED (nearest hour) 3 Est. Brown yield with dripping 20 GPM PUMPING RATE (gal. per min.) 12 METHOD USED TO MEASURE PUMPING RATE 43 WATER LEVEL (distance from land surface) BEFORE PUMPING 61 ft. WHEN PUMPING 22 ft.

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES) (NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 PUMP HORSE POWER 37 PUMP COLUMN LENGTH (nearest ft.) 49 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...

DRILLERS LIC. NO. 1 MWD 576 DRILLER SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 MWD 594 DRILLER SIGNATURE

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

LATITUDE 39.345117 LONGITUDE 76.940518 (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.

54008

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 562902-G please type

STATE PERMIT NUMBER HO-17-0253 fill in this form completely

OWNER INFORMATION Date Received (APA) 02/18 Gilliece Family LLC 1311 Linden Church Road Clarksville MD 21029

LOCATION OF WELL Howard Walker meadows Sykesville

DRILLER INFORMATION Randall Alexander MD 576 Alexander's Well Drilling 126 N. Main St. P.O. Box 443 Fairfield, PA 17320

SOURCES OF DRILLING WATER Highstepper Trail Well water ON WHICH SIDE OF ROAD APPROX. 50 FT FROM ROAD TAX MAP: 9 BLK: 6 PARCEL 66

WELL INFORMATION APPROX. PUMPING RATE 5 (GAL. PER MIN.) AVERAGE DAILY QUANTITY NEEDED 375 (GAL. PER DAY)

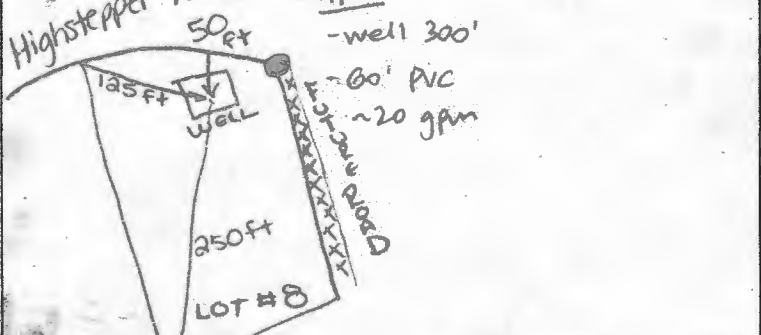
USE FOR WATER (CIRCLE APPROPRIATE BOX) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME STATE SIGNATURE DATE ISSUED 02/06/18 EXP. DATE 02/06/19

APPROXIMATE DEPTH OF WELL 300 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) AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT



REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) THIS WELL WILL NOT REPLACE AN EXISTING 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.

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER HO 2016004 PERMIT No. HO-17-0253

SPECIAL CONDITIONS NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



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: Safe Well Pump & Water Treatment LLC Telephone #: 410 795 5670  
 Address: 580 Obrecht 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 Fogle License# MSP2236

\*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 #: 8 Well Tag #: HO-11-0253  
 Site Address: 1015 High Stepper Trail  
Sykesville, MD 21784

**Submersible Pump Data**

Make: Grundfos  
 Model #: 7H305422  
 Pump Capacity: 7  
 Well Yield: 17

**Pitless Adapter**

Make: Campbell+  
 Model#: NA  
 GPM Depth: 36" (36" min)  
 GPM NSF/WSC approved: YES

**Well Cap and Electric Conduit**

Two piece watertight cap: YES  
 Screened, vented well cap: YES  
 Cap secured to casing: YES  
 Conduit min 18" B.G.: YES  
 Conduit secured to well cap: YES

Depth of well encountered at time of pump installation: 300 (feet)  
 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

**Piping to house**

Type: 1" poly pipe  
 PSI: 200 (160 psi min)  
 Depth of supply line: 36" (36" min)

**House Connection**

PVC sleeve to undisturbed soil at wall penetration: YES  
 Length of sleeve (5' minimum from foundation): 16'  
 Sleeve sealed properly: YES

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: [Signature] date: 5-27-2020

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

Date Insp. Requested: <u>5/28/20</u>	Date Insp. Approved: <u>5/28/20</u>	Inspector: <u>RH</u>
Inspection Data:	Pitless adapter watertight & water supply line at least 36" below grade	<u>✓</u>
	Two piece cap installed and attached to casing securely	<u>✓</u>
	Elec. conduit extends at least 18" below grade/attached to cap properly	<u>✓</u>
	Safety rope not outside of well cap/casing	<u>✓</u>
	Correct well tag attached properly and casing 8" above finished grade	<u>✓</u>
	Water supply line sleeved adequately at house connection	<u>✓</u>
	Adequate grout observed below pitless adapter	<u>✓</u>

(Revised form 10/24/2018)

**INTERIM CERTIFICATE OF POTABILITY**

**Expiration Date – January 31, 2020**

July 31, 2020

Homeowner  
1018 High Stepper Trail  
West Friendship, MD 21794

**RE: Walker Meadows, Lot 8**  
**1018 High Stepper Trail**  
**Building Permit: B20000946**  
**Well Permit: HO-17-0253**

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 **7/31/2020**. Final approval of the well line connection to the dwelling was granted on **5/28/2020**. The well construction was completed on **4/18/2018**. Water samples were collected on **7/27/2020**.

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-17-0253. 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.**

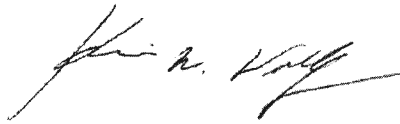
Please contact (410) 313-1773 to schedule a final water sample appointment or contact a Maryland certified water laboratory to schedule a water sample. A list of laboratories certified by the state of Maryland may be found at the following website:  
<http://www.mde.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

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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 Environment 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 FAX (410) 848-0298

## REPORT OF ANALYSIS

Laboratory ID #: 138773 Account #: 1933  
Reference: NV Homes/Walker Meadows Lot 8 Company: Fogles Well Pump & Treatment  
Location: 1018 High Stepper Trail Requested By: Dave Fogle  
Sykesville, MD 21784 Source: Well Water  
Date/ Time Collected: 7/27/2020 0800 Site: Kitchen Sink Tap  
Date/Time Rec'd: 7/27/2020 1540 Treatment: None  
Chlorine ppm: Free: ND Total: ND pH: 5.9  
Collected By: T. Cassell 0767TC Well #: HO-17-0253

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	7/28/2020 / 1000 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	7/28/2020 / 1000 / CRS
Nitrate	1.45	mg/L	10	601	7/28/2020 / 0930 / CRS
Turbidity	<0.30	NTU	<10	SM20 2130B	7/28/2020 / 1000 / CRS
Sand	ND	mg/L	5	Visual/Gravimetric	7/28/2020 / 1000 / CRS

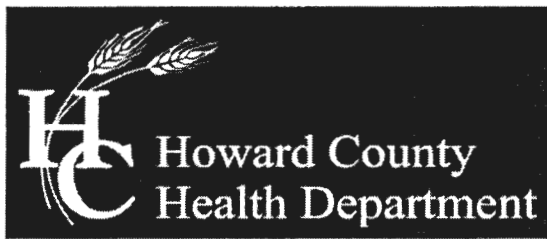
### NOTES

- 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 # : B20000946

Date Reported: 7/28/2020



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:

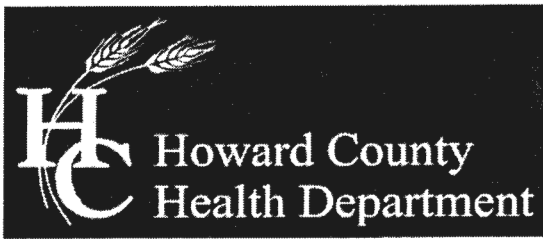
Well Site Location:

<u>WALKER MEADOWS</u>	<u>1-8, 11</u>	<u>HIGH STEPPER TRAIL</u>
Subdivision/Property Name	Lot #	Road Name
	<u>10, 12-14</u>	<u>STEPPING PLAKE</u>

The well site has been staked by DEVELOPMENT DESIGN CONSULTANTS (professional land surveyor or company employing professional land surveyors) on 3/26/2018 (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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www.hchealth.org

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Twitter: HowardCoHealthDep

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

TO ALL INTERESTED PARTIES

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Well Site Location:	<u>9</u>	<u>HIGH STEPPER TRAIL</u>
	<u>15-21</u>	<u>STEPPING PLACE</u>
<u>WALKER MEADOWS</u>	<u>22-34, BPP'A'</u>	<u>MAYAPPLE TRAIL</u>
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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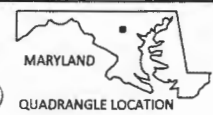
NON-BUILDABLE  
PRES. PAR. 'D'



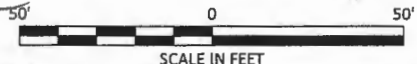
Walker Meadows CADD\ESD-WM-Report Set.dwg

Walker Meadows Lot 8  
02/06/18 Approved  
HO-17-0253  
MAKED BY  
DPC

LEGEND



MARYLAND  
QUADRANGLE LOCATION



SCALE IN FEET

DO NOT REMOVE THIS TAG  
DEPARTMENT OF THE ENVIRONMENT  
WELL PERMIT NUMBER  
**HO-17-0253**  
INFORMATION GIVE NUMBER AND WRITE  
1800 WASHINGTON BLVD  
BALTIMORE MARYLAND 21230

ap Imagery website  
chimagery" dated 2016.

client:		<b>Elm Street Development</b>	
project location:		Sykesville, Howard County, Maryland	
project:		Water Supply Development Lot #8 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. Haufler	date	02/09/18
figure:			<b>1</b>

