



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – October 2, 2026

April 2, 2026

Homeowner
3730 Sofia Court
Glenwood, MD 21738

RE: Vineyards @ Cattail Creek, Lot 38
3730 Sofia Ct
Building Permit: B24004224
Well Permit: HO-14-0097

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 **8/18/2025**. Final approval of the well line connection to the dwelling was granted on **5/23/2025**. The well construction was completed on **3/2/2015**. Water samples were collected on **1/28/2026**.

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-14-0097. 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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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

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 178976 Account #: 1933
Reference: Mueller Homes Client: Fogle's Well Pump & Treatment
Location: 3730 Sofia Court Requested By: Dave Fogle
Glenwood, MD 21738 Source: Well Water
Date/ Time Collected: 1/28/2026 1000 Site: Pressure Tank
Date/Time Rec'd: 1/28/2026 1050 Treatment: **
Chlorine ppm: Free: ND Total: ND pH: 6.3
Collected By: J. Evans 0309JE Well #: HO-14-0097

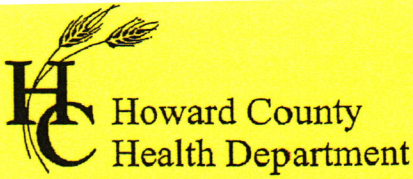
PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	1/29/2026 / 0900 / KDR
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	1/29/2026 / 0900 / KDR
Nitrate.	1.02	mg/L (as N)	10	EPA 300.0	1/28/2026 / 1406 / KDR
Turbidity	1.25	NTU	<10	SM2130B	1/28/2026 / 1540 / KDR
Sand	ND	mg/L	5	Visual/Gravimetric	1/28/2026 / 1545 / KDR
Nitrite.	1.57	mg/L (as N)	1	EPA 300.0	1/28/2026 / 1406 / KDR

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 pH and Chlorine level tested in lab (pH tested after recommended holding time); Chlorine level tested on site
- 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 **Sample collected prior to Reverse Osmosis

Reason for Test : Use & Occupancy
Building Permit # : B24004224

Date Reported: 1/29/2026



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 Facebook: www.facebook.com/hocohealth

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RECEIPT DATE: 7-15-25 **ONSITE SEWAGE DISPOSAL SYSTEM** P 589128

APPROVAL DATE: 8/18/2025 **PERMIT: NEW CONSTRUCTION** A _____

PROPERTY ADDRESS: 3730 Sofia Court, Glenwood, MD 21738

SUBDIVISION: _____ LOT: 38 TAX ID: 1404366166

CONTRACTOR: Freedom Septic EMAIL: _____

CONTRACTOR ADDRESS: _____ PHONE: _____

PROPERTY OWNER: Jesudoss Jeyachandran EMAIL: _____

OWNER ADDRESS: 3730 Sofia Court PHONE: 410-370-2383

SEPTIC TANK SIZE: 1500 Gal. PUMP SIZE: _____ PUMP TANK CAPACITY: _____

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>156</u>	INLET DEPTH: <u>3.5'</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>7'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4'</u>
LOCATION:	SYSTEM TO BE STAKED BY DESIGNER AND VERIFIED BY APPROVING AUTHORITY DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install per approved OSDS plan, gravity system. 2 @ 79'	

ISSUED BY: Melanie Estenbargh ISSUE DATE: 7-17-25 EXPIRATION DATE: 7-17-26

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR REGISTERED WITH THE STATE OF MD ON-SITE WASTEWATER PROFESSIONALS BOARD: CONFIRMED
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM
 ELECTRICAL PERMIT ISSUED E N/A
- NOTE: THE HCHD DOES NOT WARRANT ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKNOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIDANCE.
- NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
 CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE

See separate sheet for AS-Built

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 3' INLET 3.5' BOTTOM 7'

NUMBER OF TRENCHES 2

TOTAL LENGTH 156'

ABSORPTION AREA 468 ft³

DISTRIBUTION BOX LEVEL yes

DISTRIBUTION BOX BAFFLE yes

DISTRIBUTION BOX PORT yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL yes

MANUFACTURER B2BYLW

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 1'-2"

BAFFLES 6" front & 4" back

BAFFLE FILTER

MANHOLE LOC Front & back

6" PORT LOC

WATERTIGHT TEST

SLOTTED yes

DATE ON LID 7/14/2025

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Don Farrow
SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES/NO

PRE-CONSTRUCTION NOTES:

7/23/2025 - Installer onsite for pd-con, trench, & SDA system. Silt fence installed right along bottom trench, standing water along 50' of lower trench (see attached pic). Moved trench ~ 4' up further from standing water. trench length 79' each, on center within 3", & 13'-14'

2025 center line to center line. Installer or Builder to remove fence off SDA so water is re-routed. (P)

8/15/2025 - Installer onsite for inspection front septic line install, 24" pipe full to st. 50' HD 40 PVC used. st has 6" front baffle & 2'-1" of cover over to rock fill. (P)

8/18/2025 - Installer onsite for inspection. Back line installed, D-box installed, leveled d-box, 24" baffle & 2' port. trenches 78' & 2' 10' EIE, inlet per plan. Stone & Farrow ok - ok to backfill. (P)

CONTROL PANEL DATA

CONTROL PANEL HEIGHT -

(MIN 30")

INSPECTION DATE -

INSPECTION: PASS/FAIL (CIRCLE ONE)

FINAL INSPECTOR S. Pae DATE OF APPROVAL 8/18/2025

