

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – DECEMBER 1, 2021

June 1, 2021

Homeowner
1957 Davis Branch Road
Woodstock, MD 21163

**RE: Marriotts Ridge, Lot 24
1957 Davis Branch Road
Building Permit: B20002309
Well Permit: HO-95-1220**

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 **4/9/2021**. Final approval of the well line connection to the dwelling was granted on **6/1/2021**. The well construction was completed on **9/19/2007**. Water samples were collected on **4/27/2021**.

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.

Gross Alpha and Beta samples were also collected on **9/19/2007**. Results showed a Gross Alpha level of **9.0 ± 2.0 pCi/L** and Gross Beta level of **8.0 ± 2.0 pCi/L**. The Gross Alpha was below the maximum contaminant level (MCL) of 15 pCi/L and the Gross Beta was below the target level of 50pCi/L (roughly equivalent to the annual dose rate of 4 millirems per year). At the time of testing and with respect to these parameters, the well water is safe for all uses.

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-95-1220. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

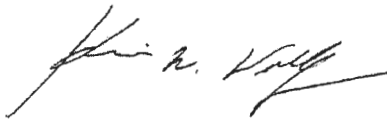
This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will 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.**

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

Please contact (410) 313-1773 to schedule a final water sample appointment or contact a certified water quality 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>

In closing, please refer to our "Homeowner Fact Sheet" for understanding your onsite sewage disposal system. You will also find a link to Maryland Department of the Environments website which elaborates in further detail operation and maintenance of your Septic System.

Approving Authority,



Kevin M Wolf, L.E.H.S., REHS/R.S., 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 #: 144188 Account #: 1920
Reference: Marriotts Ridge MRS024 Company: Robert L Feezer Co- New Homes
Location: 1957 Davis Branch Road Requested By: Rick Cross
Woodstock, MD 21163 Source: Well Water
Date/ Time Collected: 4/27/2021 0902 Site: Pressure Tank
Date/Time Rec'd: 4/27/2021 1540 Treatment: **
Chlorine ppm: Free: ND Total: ND pH: 6.4
Collected By: R. Ott 0266RO Well #: HO-95-1220

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	4/28/2021 / 1000 / CCH
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	4/28/2021 / 1000 / CCH
Nitrate	<1.0	mg/L	10	601	4/27/2021 / 1620 / CRS
Sand	ND	mg/L	5	Visual/Gravimetric	4/27/2021 / 1620 / TSD
Turbidity	0.37	NTU	<10	SM20 2130B	4/27/2021 / 1615 / 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 ND = None Detected
- 6 Visual well check: Sealed, vented cap
- 7 **Sample collected prior to Softener & Neutralizer

Reason for Test : Client's Information**Building Permit # :** B0002309Date Reported: 4/28/2021

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 144468 Account #: 1920
Reference: Marriotts Ridge MRS024 Company: Robert L Feezer Co- New Homes
Location: 1957 Davis Branch Road Requested By: Rick Cross
Woodstock, MD 21163 Source: Well Water
Date/ Time Collected: 5/12/2021 1336 Site: Kitchen Sink Tap
Date/Time Rec'd: 5/12/2021 1605 Treatment: Softener/Neutralizer
Chlorine ppm: Free: ND Total: ND pH: 8.7
Collected By: R. Ott 0266RO Well #: HO-95-1220

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Gross Alpha, Short Term	3.6	pCi/L	15	900.0	5/15/2021 / 0627 / MJN
Gross Beta, Short Term	5.4	pCi/L	50	900.0	5/15/2021 / 0627 / MJN
Gross Alpha, Long Term	3.1	pCi/L	15	900.0	5/21/2021 / 0641 / MJN
Gross Beta, Long Term	4.2	pCi/L	50	900.0	5/21/2021 / 0641 / MJN
Radium-226	0.2	pCi/L	****	903.1	5/27/2021 / 1439 / MJN
Radium-228	0.8	pCi/L	****	Ra-05	5/26/2021 / 1128 / MJN

NOTES:

- ****Radium 226 and Radium 228 combined have a reference of 5 pCi/L
- Gross Alpha Long Term Detection Limit: 1.0 pCi/L; Gross Alpha Error: +/- 1.0 pCi/L
- Gross Alpha Short Term Detection Limit: 1.9 pCi/L; Gross Alpha Error: +/- 1.8 pCi/L
- Gross Beta Long Term Detection Limit: 1.2 pCi/L; Gross Beta Error: +/- 0.8 pCi/L
- Gross Beta Short Term Detection Limit: 1.6 pCi/L; Gross Beta Error: +/- 1.2 pCi/L
- pCi/L = picocuries per liter
- Radium 226 Detection Limit: 0.2 pCi/L; Radium 226 Error: +/- 0.2 pCi/L
- Radium 228 Detection Limit: 0.8 pCi/L; Radium 228 Error: +/- 0.6 pCi/L
- Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- Sub-contracted to Reference Lab #278
- ND = None Detected
- Visual well check: Sealed, vented cap
- **Sample collected prior to Softener & Neutralizer

Reason for Test : Use & Occupancy

Building Permit # : B0002309

Date Reported: 5/28/2021



Howard County
Health Department

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

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

RECEIPT DATE: 12/15/2020 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 572897

APPROVAL DATE: 04/09/2021 **PERMIT: CONSTRUCTION**

A _____

PROPERTY ADDRESS: 1957 DAVIS BRANCH ROAD, WOODSTOCK, MD 21163

SUBDIVISION: MYRTUE PROPERTY

LOT: 24

TAX ID:

03-352587

CONTRACTOR: FARM AND HOME

EMAIL: _____

CONTRACTOR ADDRESS: _____

PHONE: _____

PROPERTY OWNER: SONSHINE MD LP

EMAIL: greinsmith@keystonecustomhomes.

OWNER ADDRESS: 227 GRANITE RUN DRIVE, SUITE 100, LANCASTER, PA 17601

PHONE: (717)464-9060

SEPTIC TANK SIZE (GALLONS): 2000

TANK MANUFACTURER:

MAYER BROS., INC.

PUMP MODEL: n.a.

PUMP SIZE

n.a.

PUMP TANK CAPACITY:

n.a.

DISTRIBUTION SYSTEM: ☒ GRAVITY

☐ PRESSURE DOSED

BEDROOMS: 6

APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>188</u>	INLET DEPTH: <u>2.0</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.0</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	INSTALL CLEANOUT IN SHC AT FIRST BEND.	

ISSUED BY: R BRICKER

ISSUE DATE: _____

EXPIRATION DATE: _____

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

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 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.

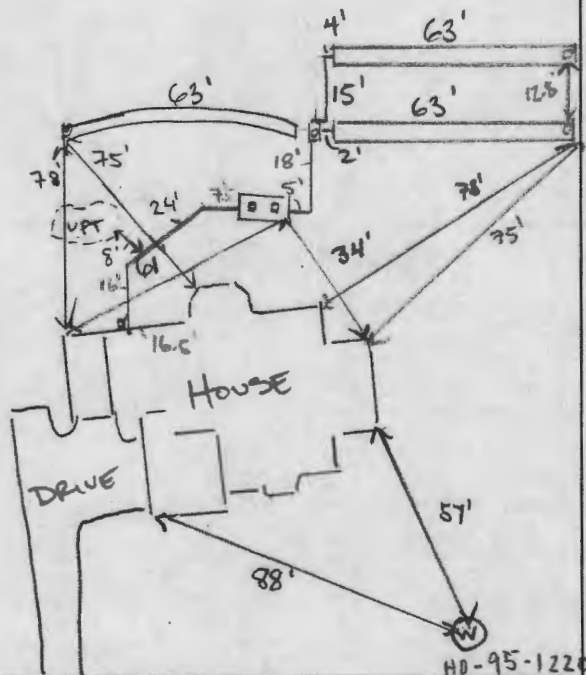
NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

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



ROAD NAME
Davis Branch Rd

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
10	10	10
20	20	20
30	30	30
40	40	40
50	50	50
60	60	60
70	70	70
80	80	80
90	90	90
100	100	100

3' 2' 6'

NUMBER OF TRENCHES 3

TOTAL LENGTH 189

ABSORPTION AREA 567 SF + SIDE

DISTRIBUTION BOX LEVEL SPEED

DISTRIBUTION BOX BAFFLE YES

DISTRIBUTION BOX PORT 4 1/2 S

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL ✓

MANUFACTURER Babylon

CAPACITY 2000 GALSEAM LOC 40PTANK LID DEPTH 15' (2) - 14'BAFFLES YES

BAFFLE FILTER

MANHOLE LOC front / back

6" PORT LOC _____

WATERTIGHT TEST _____

SLOTTED YES

DATE ON LID 12/28/20

PUMP/SEPTIC TANK LEVEL

MANUFACTURER

CAPACITY _____ GAL

SEAM LOC _____

TANK LID DEPTH _____

BAFFLES

BAFFLE FILTER _____

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST

SLOTTED

DATE ON LID _____

PRE-CONSTRUCTION:

PRE-CONSTRUCTION:
02/26/2021 SDA STAKED. CHECKED CONTOUR 3X (AS' TRENCHES. TRENCHES
SLIGHTLY OUTSIDE CENTER OF SDA DUE TO CONTOUR; OK. OK TO LOWER
INLET TO 2.5'. (B)

INSTALLATION: 3/11/21- Only tank in the ground, no contractor onsite reinspect baffles, s/bt, tank lid depth at final grade, sewer line, SHC, d box & trenches. @ 03/15/2021 INSTALLED SEWER LINE TO TANK; SET D BOX AND INSTALLED BACKLINE @ 04/09/2021 TRENCHES COMPLETE, D BOX LEVELLED W/ SPEED LEVELS @

FINAL INSPECTOR

DATE OF APPROVAL _____

04/09/2021