

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – NOVEMBER 25, 2021

May 25, 2021

Homeowner
7414 Haven Court
Highland, MD 20777

**RE: Estates @ Schooley Mill, Lot 2
7414 Haven Court
Building Permit: B20003291
Well Permit: HO-17-0186**

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 **5/25/2021**. Final approval of the well line connection to the dwelling was granted on **5/21/2021**. The well construction was completed on **10/26/2017**. Water samples were collected on **4/28/2021, 5/7/2021, 5/13/2021**.

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 **12/8/2017**. Results showed a Gross Alpha level of **3.1 ± 1.2 pCi/L** and **Gross Beta** level of **7.7 ± 1.9 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-17-0186. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

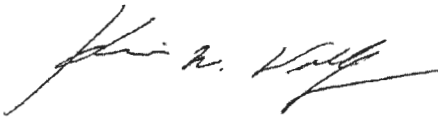
This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will 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 #: 144216 Account #: 4470
Reference: Schooley Mill Lot 2 Company: Williamsburg Homes LLC
Location: 7414 Haven Court Requested By: Bill McBride
Highland, MD 20777 Source: Well Water
Date/ Time Collected: 4/28/2021 1311 Site: Pressure Tank
Date/Time Rec'd: 4/28/2021 1426 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 6.7
Collected By: J. Yeager 0819JY Well #: HO-17-0186

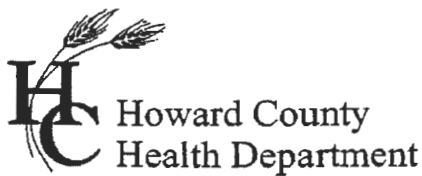
PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	4/29/2021 / 0915 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	4/29/2021 / 0915 / CRS
Nitrate	2.27	mg/L	10	601	4/29/2021 / 1040 / CRS
Turbidity	28.8	NTU	<10	SM20 2130B	4/28/2021 / 1530 / TSD
Sand	ND	mg/L	5	Visual/Gravimetric	4/28/2021 / 1530 / 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 pH & Chlorine level tested on site

Reason for Test : Use & Occupancy
Building Permit # : 200003291

Date Reported: 4/29/2021



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: _____ **ONSITE SEWAGE DISPOSAL SYSTEM** P _____

APPROVAL DATE: _____ **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 7414 HAVEN CT, HIGHLAND, MD 20777

SUBDIVISION: ESTATES AT SCHOOLEY MILL LOT: 2 TAX ID: 05-600710

CONTRACTOR: HutGolds EMAIL: _____

CONTRACTOR ADDRESS: _____ PHONE: _____

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: ☒ MDE ☒ MANUFACTURER: Alumina

PROPERTY OWNER: WBG ESM LLC EMAIL: MikeLemon@WilliamsburgLLC.com

OWNER ADDRESS: 5485 HARPERS FARM ROAD, COLUMBIA, MD 21044 PHONE: (443)865-2353

BAT UNIT MODEL: NORWECO TNTLP-750 PUMP SIZE: 0.5 Hp PUMP TANK CAPACITY: 2000

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: _____ DATE RECORDED: _____

DISTRIBUTION SYSTEM: ☐ GRAVITY ☒ PRESSURE DOSED BEDROOMS: 6 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>125</u>	INLET DEPTH: <u>2.0</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5.0</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Alternate Inlet approved for Norweco BAT unit Install Cleanout on SHC. The system must PASS a Pump and Alarm test for Final Approval of this permit prior to release of Use and Occupancy.	

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 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 _____

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

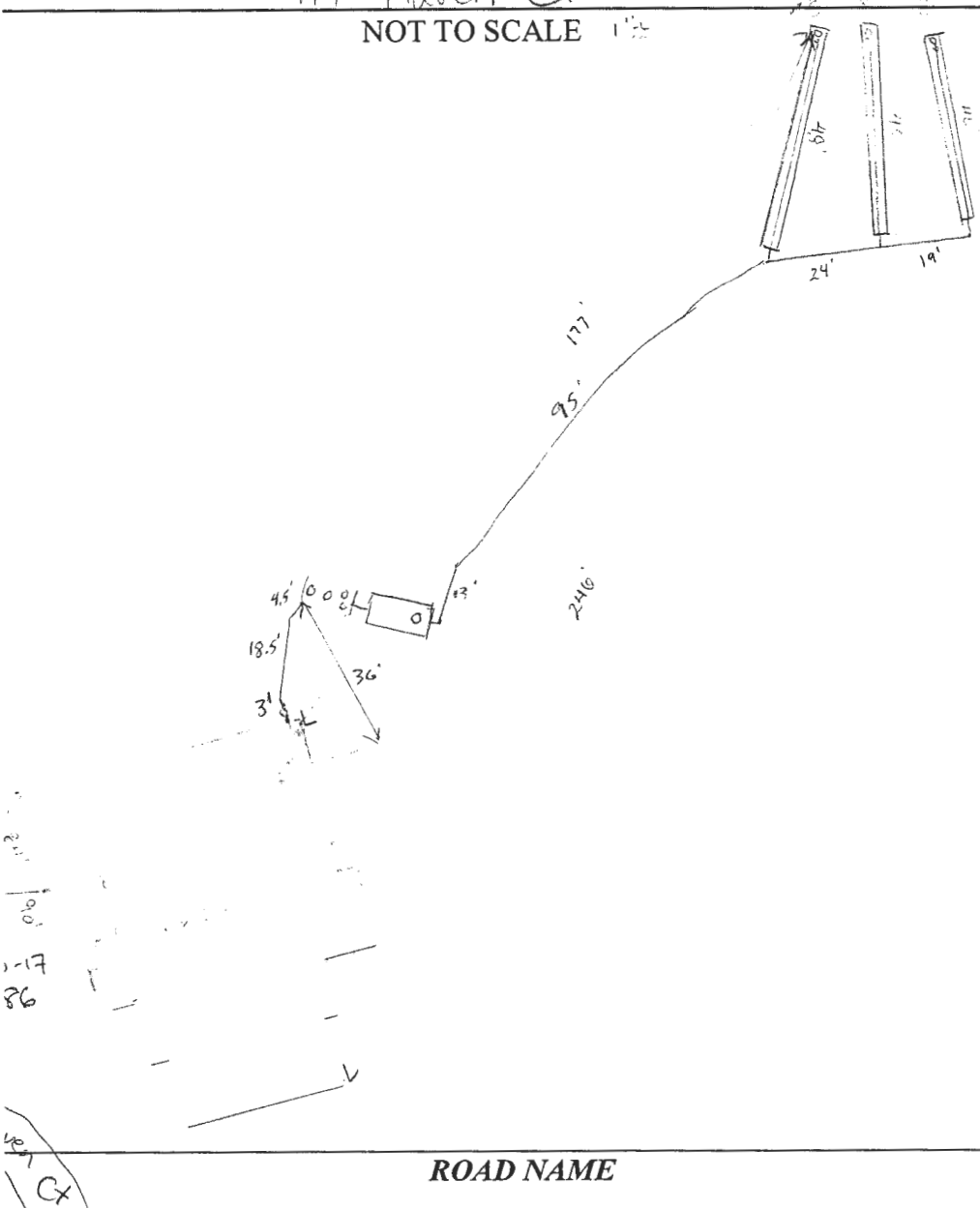
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

1417 Haven Ct

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

3' 2 8

NUMBER OF TRENCHES 3

TOTAL LENGTH 133'

ABSORPTION AREA 399 sq ft + ts/d wall

DISTRIBUTION BOX LEVEL N/A

DISTRIBUTION BOX BAFFLE N/A

DISTRIBUTION BOX PORT N/A

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL 48.9

MANUFACTURER Womco

CAPACITY 750 GAL

SEAM LOC 1.5

TANK LID DEPTH 12'

BAFFLES

BAFFLE FILTER

MANHOLE LOC 1.5 (2)

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID N/A

PUMP/SEPTIC TANK LEVEL 48.9

MANUFACTURER Babeler

CAPACITY 2.5 GAL

SEAM LOC 1.5

TANK LID DEPTH 2

BAFFLES

BAFFLE FILTER

MANHOLE LOC outlet

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED 710

DATE ON LID 12-21-80

PRE-CONSTRUCTION:

2/18/21 Tank, FM, SDA, TRENCHES LAYED. CONFIRMED CONTROL + LPD. TANK SPEC. OK TO START. (ST)

INSTALLATION: 2/19/21 Three trenches constructed along w/ FM. Verified that perforations were spaced in intervals according to plan. (ST)

2/10/21 Both tanks set and connected to PHC and FM. (ST)

05/21/2021 R. P. 24 ALARM 26 BAT PUMP 20 SEPTIC UNIT; ALARM FUNCTIONS. PUMP FUNCTIONS DHP OK. AWAITING BAT START UP. JP P. 2021

FINAL INSPECTOR

DATE OF APPROVAL