

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – October 9, 2026

April 9, 2026

Homeowner
6604 Brown Oak Lane
Highland, MD 20777

RE: Clarksville Crossing, Lot 6
6604 Brown Oak Ln.
Building Permit: B25002678
Well Permit: HO-20-0267

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 **1/28/2026**. Final approval of the well line connection to the dwelling was granted on **2/5/2026**. The well construction was completed on **8/22/2023**. Water samples were collected on **3/9/2026**.

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.

Gross Alpha and Beta samples were also collected on **8/22/2023**. Results showed a Gross Alpha level of **9.4 ± 2.1 pCi/L** and **Gross Beta** level of **9.5 ± 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-20-0267. 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.**



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

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 Environment 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

1220 E Joppa Rd. Ste C505
Towson, MD 21286
MD Lab # 365

108 Old Solomons Island Rd St L2
Annapolis, MD 21401
MD Lab # 106

3430 Rockefeller Ct
Waldorf, MD 20602
MD Lab # 139

2216 Commerce Rd St 2A
Forest Hill, MD 21050
MD Lab # 370

Certificate of Analysis

Report Date: 03/10/2026
Order ID: 289164

Barlow Well Drilling
522 Underwood Lane
Bel Air MD 21014

Date/Time Received: 03/09/2026 02:20 PM

This report is the sole property of **Barlow Well Drilling**. Any questions about the report MUST be directed to **Barlow Well Drilling** at +14108386910. Home Land Labs is not at liberty to discuss this report without written consent from **Barlow Well Drilling**.

Sample ID:	21587	Sample Point:	Pressure Tank								
Project Name/Number:	6604 Brown Oak Ln Lot 6 Highland MD 20777	Date/Time Sampled:	03/09/2026 10:35 AM								
Sample Address:		Analyst									
Parameter	Method	Result	Units	RL	MCL	Pass/Fail	SMCL	Acceptable/ High	Prep Date/Time	Analysis Date/Time	
Total Coliform P/A	SM9223B	Absent	Per/100mL	1	Present	Pass	N/A	N/A	ASN-365	03/09/2026 14:44	03/10/2026 09:00
(Panel) E. Coli P/A	SM9223B	Absent	Per/100mL	1	Present	Pass	N/A	N/A	ASN-365	03/09/2026 14:44	03/10/2026 09:00
Nitrate-N IC	EPA 300.0	Not Detected	mg/L	0.3	10	Pass	N/A	N/A	SRC-365	03/10/2026 03:28	03/10/2026 03:28
Turbidity	EPA 180.1	5.1	NTU	0.5	10.0	Pass	N/A	N/A	MAC-365	03/09/2026 16:05	03/09/2026 16:05
pH	EPA 150.1	6.36	pH Units	1	N/A	N/A	N/A	N/A	MAC-365	03/09/2026 16:17	03/09/2026 16:17
Sand	SM 2540F	Not Detected	mL/L/hr	0.5	N/A	N/A	N/A	N/A	MAC-365	03/09/2026 17:08	03/09/2026 17:08

Kevin Barnaba

Approved By:

Kevin Barnaba, President



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: 1/16/26 **ONSITE SEWAGE DISPOSAL SYSTEM** P 590308-A

APPROVAL DATE: 1/28/26 **PERMIT: NEW CONSTRUCTION** A _____

PROPERTY ADDRESS: 6604 Brown Oak Lane

SUBDIVISION: Clarksville Crossing LOT: 6 TAX ID: _____

CONTRACTOR: B+K Excavating LLC EMAIL: _____

CONTRACTOR ADDRESS: 2020 Canada Hill Rd, Myersville, MD 21773 PHONE: _____

PROPERTY OWNER: Justin & Elizabeth Wilkinson EMAIL: _____

OWNER ADDRESS: 670 Potomac Hunt CFE, Kridger, MD 21075 PHONE: _____

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

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>70</u>	INLET DEPTH: <u>4'</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>8'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>11'</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. 1 trench @ 70'	

ISSUED BY: K. Wolf LFHS ISSUE DATE: 1/16/2026 EXPIRATION DATE: 1/16/2027

- 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 DOWNGRADE 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

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
<u>3'</u>	<u>3.5'</u>	<u>8'</u>
NUMBER OF TRENCHES <u>1</u>		
TOTAL LENGTH <u>75'</u>		
ABSORPTION AREA <u>225 Ft² + Sidewalk</u>		
DISTRIBUTION BOX LEVEL <u>Yes</u>		
DISTRIBUTION BOX BAFFLE <u>Yes</u>		
DISTRIBUTION BOX PORT <u>Yes</u>		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER Babylon

CAPACITY 1800 GAL

SEAM LOC Top

TANK LID DEPTH 1.5' - 2.5'

BAFFLES 6" Front / 4" Back

BAFFLE FILTER NA

MANHOLE LOC Front / Back

6" PORT LOC N/A

WATERTIGHT TEST N/A

SLOTTED Yes

DATE ON LID 10-13-2025

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 _____

*** See Separate Sheet For As-Built ***
ROAD NAME

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Matthew Cooney
SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES/NO

PRE-CONSTRUCTION NOTES:

1/21/26 Met with contractor on site. Tank SDA, D-box and trenches started. Hole has been drilled out of base for SMC. Tank location is per plan. D-box per plan. Trench layout per plan. Trench course is off, about 7" difference between the ends of the trench. Per KVD, contractor to dig source of trench at 7' 9/16" and end deeper at 9' 3/16". Contractor to make trench inlet at 3' or 3 1/2' due to change discussed stone preference (#2 washed) and

INSTALLATION NOTES:

timetable for tanks will be installing tanks this afternoon (MB/SP)
1/22/26 Contractor installed tanks. Tanks is level and slotted. Tank lid depth is 1.5' - 2.5'. Front line installed with clearance.
1/21 Full actual. Schedule 40. Front line pipe used. Tank is bedded in gravel. Contractor bedding front line pipe with gravel as well.
1/22/26 Contractor has d-box in place and is level. Trench is 80' long, + trench pipe with observation port stop at 75'. Inlet at 3.5'. Bantrolle Fabric added. Stone is marginal. From Barrick #2 washed stone. Contractor to install h-flap tomorrow.
OK to backfill trench, d-box, front line (MB) 1/23/26 Contractor installed 6" Front and 4" Back baffles. Septic tank has been backfilled. (MB)

CONTROL PANEL DATA

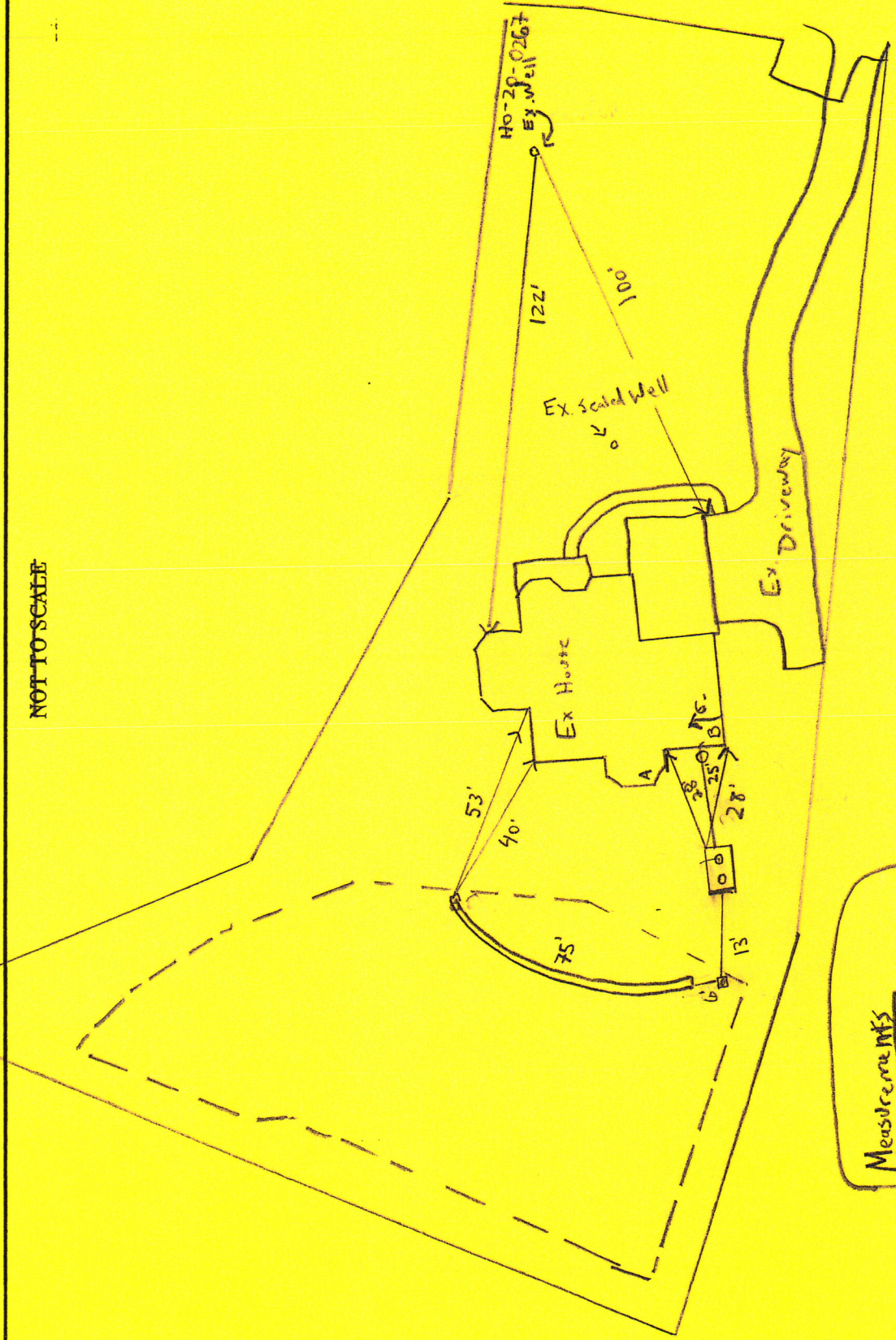
CONTROL PANEL HEIGHT N/A
(MIN 30")
INSPECTION DATE N/A
INSPECTION: PASS/FAIL (CIRCLE ONE)

FINAL INSPECTOR M. Burns

DATE OF APPROVAL 1/28/26

1" = 40'

NOT TO SCALE



Measurements
 D-box - A: 53'
 D-box - B: 63'
 Beginning of Trench - A: 51'
 Beginning of Trench - B: 61'