

OK MS 6/27/25

C1	81106	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY NUMBER 13
ST/CO USE ONLY DATE RECEIVED MM DD YY 07 20 25		DATE WELL COMPLETED MM DD YY 10 08 2024		PERMIT NO. FROM "PERMIT TO DRILL WELL" Hb 22 0151
OWNER Roe Hble		TOWN Glenwood		
WELL SITE ADDRESS 3731 SOFIA COURT		SECTION TA 108		LOT 32
SUBDIVISION VINEYARDS @ CATALA CREEK				
WELL LOG Not required for driven wells		GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		C3
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		TYPE OF GROUTING MATERIAL (Circle one) CEMENT <input checked="" type="checkbox"/> CM BENTONITE CLAY <input type="checkbox"/> BC		PUMPING TEST
DESCRIPTION (Use additional sheets if needed)	FEET		NO. OF BAGS ^{45 46} 55 NO. OF POUNDS ^{45 46} 475	
	FROM	TO	GALLONS OF WATER 275	
SOIL	0	5	DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 60 ft.	
Brown shale	5	15	from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)	
Brown shale w/ loose Rock	15	35	CASING RECORD	
Brown shale	35	50	casing types insert appropriate code below	
MED HARD GRAY ROCK	50	100	<input checked="" type="checkbox"/> ST STEEL <input type="checkbox"/> CO CONCRETE <input type="checkbox"/> PL PLASTIC <input type="checkbox"/> OT OTHER	
	70	-	MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)	
	75	-	ST 6 60	
	90	-	OTHER CASING (if used) diameter depth (feet) inch from to	
			<input checked="" type="checkbox"/> ST STEEL <input type="checkbox"/> BR BRASS <input type="checkbox"/> HO OPEN HOLE <input type="checkbox"/> PL PLASTIC <input type="checkbox"/> BR BRONZE <input type="checkbox"/> OT OTHER	
NUMBER OF UNSUCCESSFUL WELLS: 0		C2		PUMP INSTALLED
WELL HYDROFRACTURED <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		DEPTH (nearest ft.)		DRILLER INSTALLED PUMP YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
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		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
		2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29.
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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.		3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
		4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		PUMP HORSE POWER 37 41
DRILLERS LIC. NO. 1 M D 355		SLOT SIZE 1 2 3		PUMP COLUMN LENGTH (nearest ft.) 43 47
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)		DIAMETER OF SCREEN (NEAREST INCH) 56 60		CASING HEIGHT (circle appropriate box and enter casing height)
LIC. NO. 1 MS D 066		GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68		<input checked="" type="checkbox"/> + above } LAND SURFACE
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) T W Q		<input type="checkbox"/> - below } 1 (nearest foot)
		TELESCOPE CASING LOG INDICATOR OTHER DATA		LATITUDE 39.268715
				LONGITUDE 77.046493
				(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. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or state law.

60 MA 6/27/25

B 1 SEQUENCE NO. (MDE USE ONLY) 73018

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please type 587804

STATE PERMIT NUMBER HO - 22 - 0151
fill in this form completely

B 3 LOCATION OF WELL

Howard COUNTY

VINEYARDS @ CATHAL CREEK SUBDIVISION

SECTION 44 LOT 32

Greenwood NEAREST TOWN

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME

STATE SIGNATURE _____ INSERT S →

DATE ISSUED 9/12/2024 CO SIGNATURE _____ EXP. DATE 9/12/2025

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)

CABLE REVERSE-ROtary DRive-POINT

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) _____

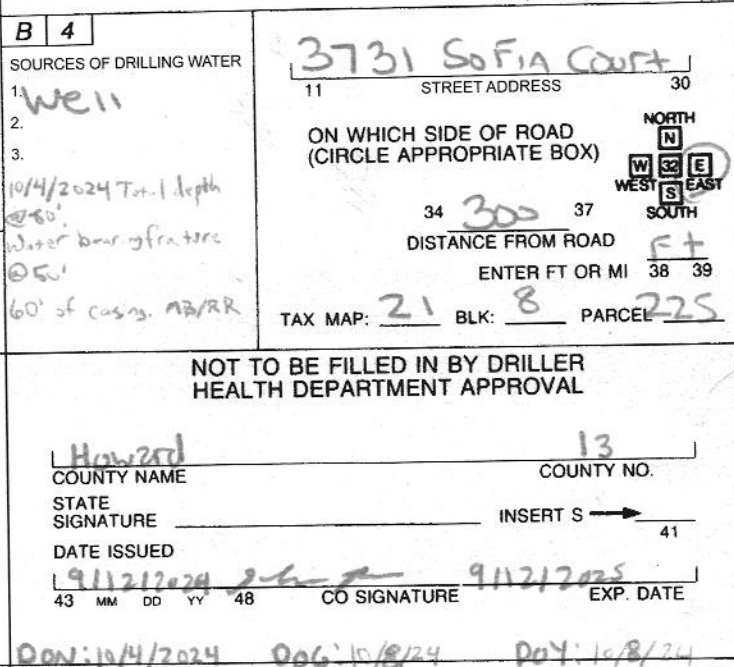
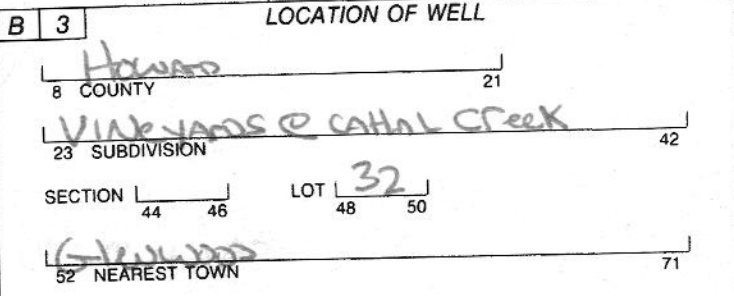
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____

PERMIT No. HO - 22 - 0151

SPECIAL CONDITIONS Please notify office of drilling grant, & yield.

Casino must be 50' of steel or 10' into bedrock.



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MICHAEL BARLOW WELL DRILLING & SERVICE, INC.
 522 Underwood Lane Bel Air, Maryland 21014
 (410) 838-6910 Fax (410) 838-3582

WELL YIELD REPORT

Date Test Completed: October 8, 2024

Well Depth: 100 feet
 Depth test pump set: 80 feet
 Technician & License #: Marty Dixon MSD066

Customer	<u>Taylor Roethle</u>	Permit #	<u>HO-22-0151</u>
Road	<u>3731 Sofia Court</u>	Subdivision	<u>Vineyards@Cattail Creek</u>
City	<u>Glenwood</u>	Section	
State	<u>Maryland</u>	Lot #	<u>32</u>

Well Hydro-fraced?: NO
 Estimated well yield prior to hydro-frac:

Time	Water Level feet	Time to Fill 1-gallon bucket seconds	G.P.M.
10:45 AM	25	3	20.00
11:00 AM	29	3	20.00
11:15 AM	33	3	20.00
11:30 AM	36	3	20.00
11:45 AM	38	3	20.00
12:00 PM	39	3	20.00
12:15 PM	39	3	20.00
12:30 PM	39	3	20.00
12:45 PM	39	3	20.00
1:00 PM	39	3	20.00
1:15 PM	39	3	20.00
1:30 PM	39	3	20.00
1:45 PM	39	3	20.00

This yield test report is for informational purposes only. Please note the yield may increase or decrease over time and the GPM indicated above is not a guarantee.

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WELL & SEPTIC PROGRAM
TEL: (410)313-1771 FAX: (410)313-2648**

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: Barlow Well Drilling Telephone #: 410-838-6910
Address: 522 UNDERWOOD LANE
BEL AIR, MD 21014

(Must circle one) Licensed Plumber **Licensed Well Driller** Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Michael ISOM License# MSD162

***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: Bahagia Homes Telephone #: 443-417-5576
Subdivision: VINEYARDS @ CAHAL CREEK Lot #: 32 Well Tag #: HO-22-0151 ✓
Site Address: 3731 SOFIA CT
GLENDWOOD, MD

Submersible Pump Data

Make: GRUNDFOS
Model #: 10SRE07
Pump Capacity 10 GPM
Well Yield: 20 GPM

Pitless Adapter

Make: BIT
Model#: PE00
Depth: 42 (36" min)
NSF/WSC approved:

Well Cap and Electric Conduit

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

Depth of well encountered at time of pump installation: 100 (feet)

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors, Cable guards, or other acceptable method used- Must circle one

Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

Piping to house

Type: POLY
PSI: 200 (160 psi min)
Depth of supply line: 42 (36" min)

House Connection

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

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

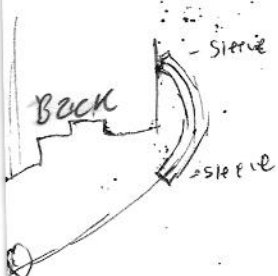
date

4/21/25

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

Date Insp. Requested: 4/24/2025 Date Insp. Approved: 4/24/2025 Inspector: SP
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope not outside of well cap/casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

38" 42"
36"



1 42948

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM DD YY

MM DD YY

22 360 26

28 29 30 31 32 33 34 35 36 37

OWNER manorelli, Mario last name first name TOWN SECTION LOT 32

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed) FEET FROM TO check if water bearing

Table with columns: DESCRIPTION, FEET FROM, FEET TO, check if water bearing. Rows include Top soil, Brown slate, limestone, Grey mica, etc.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES NO Y N

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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 M D 603 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 AWD 091

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

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 5 NO. OF POUNDS 350

GALLONS OF WATER 30

DEPTH OF GROUT SEAL (to nearest foot) from 10 ft. to 38 ft.

CASING RECORD

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 80

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole ST BR HO insert appropriate code below

DEPTH (nearest ft.) 40 360

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 10

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 33 ft. WHEN PUMPING 53 ft.

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED DRILLER INSTALLED PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE (nearest foot)

LATITUDE 39.268711 LONGITUDE 77.046978 (DEFAULT COORD. WGS 84)

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TAG: 11/8/23 (A)

B 1	77100	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER HO - 20 - 0321
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1 2 3 6

Date Received (APA) 01/25/23

8 MM DD YY 13

OWNER INFORMATION

15 Last Name First Name 34

MANWARELLI, MARIO

2929 Summit Ct

36 Street or RFD 55

ELLCOTT CITY MD 21043

57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

Howard

8 COUNTY 21

The Vineyards at CATTAIL CREEK

23 SUBDIVISION 42

SECTION 44 46 LOT 32 48 50

Glenwood

52 NEAREST TOWN 71

DRILLER INFORMATION

DARREN E. WILSON MW D 603

Driller's Name 76 License No. 81

EASTERDAY WELL DRILLING

Firm Name

9265 BR. CH. RD MT AIRY MD 21771

Address

Darren E. Wilson 9-15-23

Signature Date

B 4

SOURCES OF DRILLING WATER

1. Wells 3731 Sofia Ct

11 STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH

WEST EAST

SOUTH

34 25 37

DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: 21 BLK: PARCEL 225

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22 INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL

11/8/23 @ 1130 no rig or driller onsite
well drilled but doesn't appear grouted yet, tag attached

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard

COUNTY NAME 13 COUNTY NO.

STATE SIGNATURE INSERT S 41

DATE ISSUED 10/16/2023

43 MM DD YY 48 CO SIGNATURE 10/16/2023 EXP. DATE

DoN: 11/7/23 DOY: 11/9/23 DOG: 11/1/23

APPROXIMATE DEPTH OF WELL 400 FEET

24 28

APPROXIMATE DIAMETER OF WELL 6 INCH

NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)

37 CABLE REVERSE-ROTary DRIVE-POINT

other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEM AN EXISTING WELL

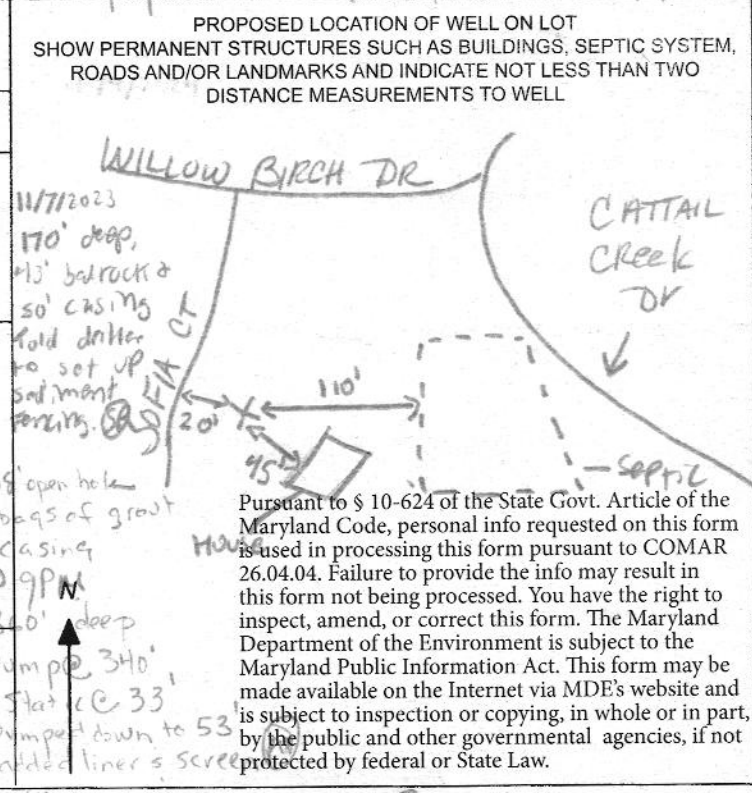
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER - - - - - G - - - - -

PERMIT No. HO - 20 - 0321

70 71 72 73 74 75 76 77 78 79



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SPECIAL CONDITIONS Please notify office of drilling, grout, & yield.

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

Existing 10' Public
Tree Maintenance
Easement (Plat
Nos. 14834 Thru
14837)

SOFIA COURT

PROPOSED WELL
LOCATION PER
SP-96-011

PROPOSED WELL
LOCATION PER
SP-96-011

Lot 32
45,644 Sq. Ft. ±

PROPOSED WELL
LOCATION PER
SP-96-011

Lot 31

DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER
HO-20-0321
INFORMATION - GIVE NUMBER AND WRITE
1800 WASHINGTON BLVD
BALTIMORE MARYLAND 21230

Well Site Approved
10/16/2023

WELL EXHIBIT
VINEYARDS AT CATTAIL CREEK

LOT 32

3731 SOFIA COURT, GLENWOOD

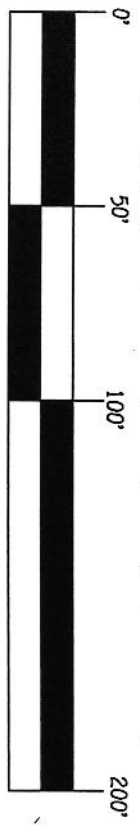
ZONED RC-DEO

TAX MAP No. 21 GRID No. 08 PARCEL No. 225

FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

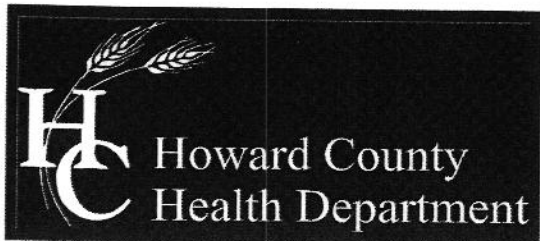
SCALE: AS SHOWN DATE: OCTOBER, 2023

SHEET 1 OF 1



SCALE: 1" = 50'

PARCEL
C



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

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

Memorandum

To: Easterday Well Drilling
9265 Brown Church Rd Ste
Mt Airy MD 21771

From: Shepsura Page, EHS
Well & Septic Program

Re: Well Permit Status
Vineyards at Cattail Creek
Lots 31, 32, 33, 34, & 35

Date: October 5, 2023

Your well exhibit does not match the most recent perc certification plan. The SDA and lot lines have changed to reflect the plot plan. Please revise the perc certification plan to match the most recent plot plan. Your perc certification plan also does not have the two alternate well locations. If you would like approval of the two alternate wells, please include the alternates on the revised perc certification plan.

A handwritten signature in black ink, appearing to read 'Shepsura Page'.

Shepsura Page
Environmental Health Specialist
Howard County Health Department
Well and Septic Program
spage@howardcountymd.gov
410-313-1789

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>Vineyards at Cattail Creek</u>	<u>32</u>	<u>3727 Sofia Court</u>
Subdivision/Property Name	Lot #	Road Name

The well site has been staked by Fisher, Collins & Carter, Inc.
(professional land surveyor or company employing professional land surveyors)
on 9-8-23 (date)

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.

Revised 9/20/21

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

Approved
 8/12/2025
 (SP)

DATE WELL ABANDONED: April 23, 2025 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any)

Ho - 20 - 0321

* PERMIT NUMBER OF REPLACEMENT WELL:

Ho - 22 - 0151

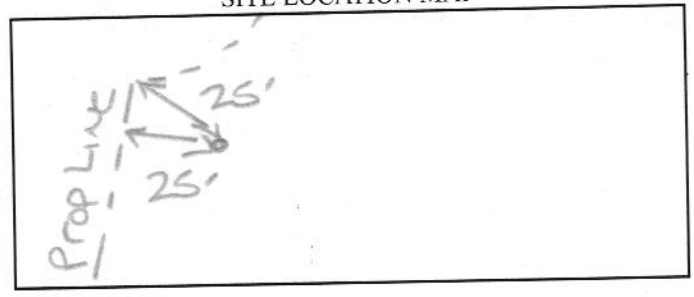
* PERSON ABANDONING WELL: Michael Isom

WELL DRILLER'S LICENSE NUMBER: 162
 CIRCLE: MWD / MSD / MGS

* OWNER'S NAME: Taylor Roethke

SITE LOCATION MAP

* WELL LOCATION:
 COUNTY: Howard
 NEAREST TOWN: Glenwood
 TAX MAP 21 BLOCK 8 PARCEL 225
 SUBDIVISION: VINEYARDS @ CAHILL CREEK
 SECTION: _____ LOT: 32
 STREET ADDRESS: 3731 SOFIA COURT



✓ LATITUDE 39.268711
 ✓ LONGITUDE 77.046978

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Bentonite Clay	360	0
VOLUME OF MATERIAL USED		
<u>4250 lbs Bentonite</u>		

* TYPE OF WELL BEING ABANDONED:
 DRILLED JETTED
 BORED HAND DUG
 OTHER (specify) _____

* USE CODE:
 DOMESTIC MUNICIPAL/PUBLIC
 IRRIGATION INDUSTRIAL
 TEST/OBSERVATION GEOTHERMAL

* TYPE OF CASING:
 STEEL PLASTIC
 CONCRETE OTHER (specify) _____

SIZE OF CASING: 6 INCHES IN DIAMETER 6 1/4" Liner From 10-360'

DEPTH OF WELL: 360 FEET DEEP

WAS ANY CASING REMOVED? YES NO
 If yes, length removed, in feet: _____

WAS CASING RIPPED OR PERFORATED? YES NO

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN 162
 LICENSE#
 COUNTY

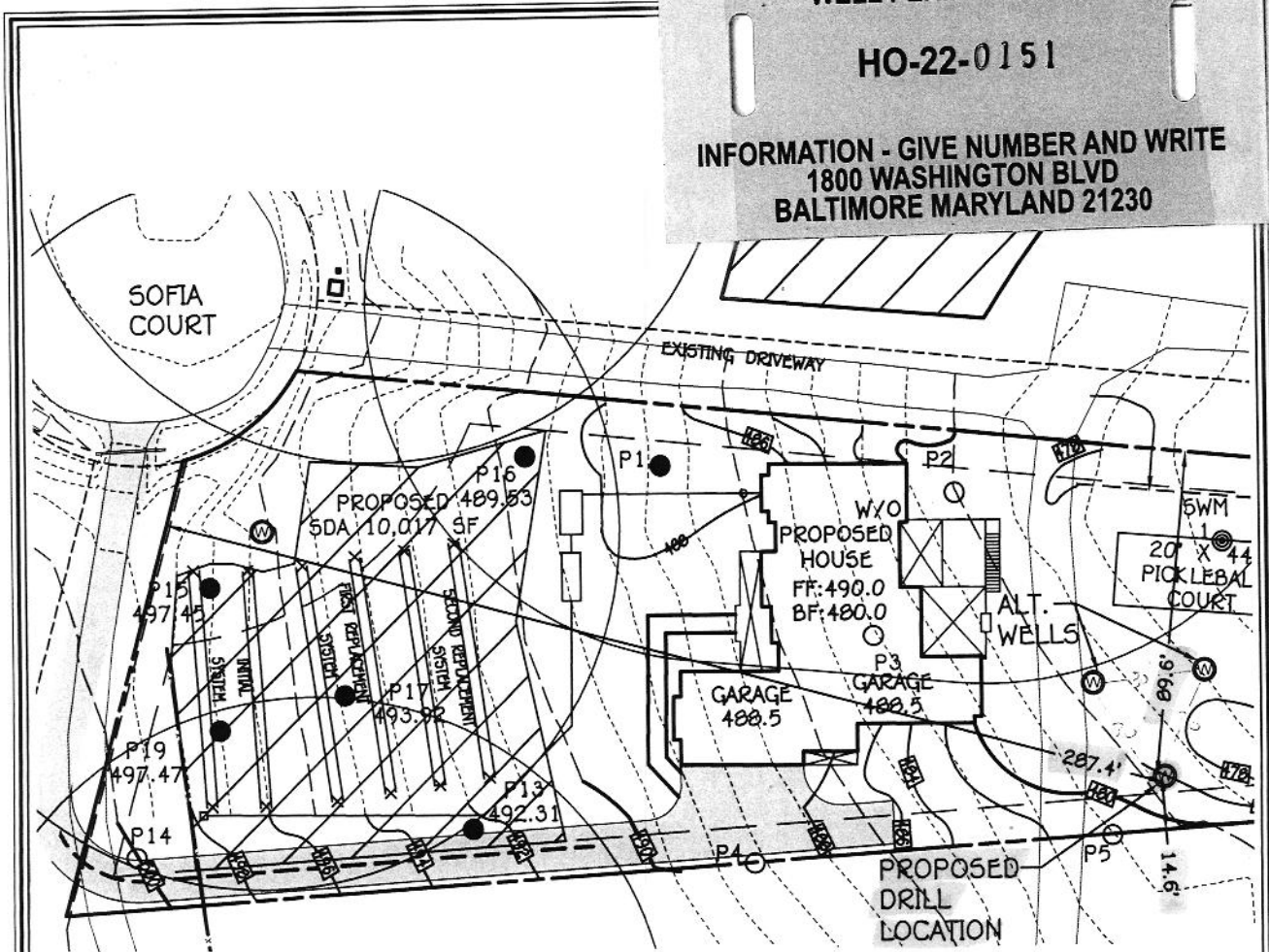
MWD / MSD / MGS 4/28/25
 CIRCLE ONE DATE

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. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or State Law.

DO NOT REMOVE THIS TAG
DEPARTMENT OF THE ENVIRONMENT
WELL PERMIT NUMBER

HO-22-0151

INFORMATION - GIVE NUMBER AND WRITE
1800 WASHINGTON BLVD
BALTIMORE MARYLAND 21230



9/12/2024 -
well site
Approved

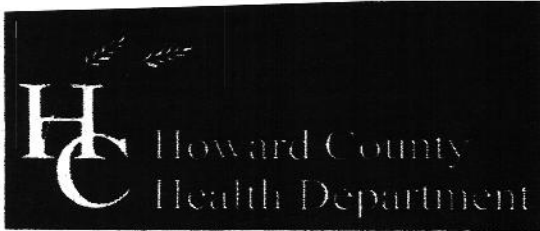
OWNER

TAYLOR ROSTHLE AND CHRISTINA ROSTHLE
14117 FOREST RIDGE DRIVE
NORTH POTOMAC MD 20878

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855

3731 SOFIA COURT
LOT 32

FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
W/O: 24012 DATE: AUGUST 2024
SCALE: 1"=50'
SHEET 1 OF 1



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:

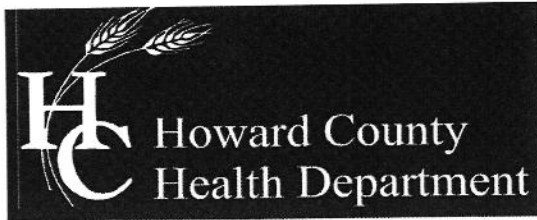
Well Site Location:

<u>VINEYARDS @ CATAHILL CREEK</u>	<u>32</u>	<u>3731 SOFIA COURT</u>
Subdivision/Property Name	Lot #	Road Name

- The well site has been staked by Fisher, Collins + Carter
(professional land surveyor or company employing professional land surveyors)
on 9/4/24 (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.



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Twitter: HowardCoHealthDep

MEMORANDUM

September 17, 2024

Michael Barlow Well Drilling
522 Underwood Lane
Bel Air, MD 21014

3731 & 3735 Sofia Court Well Permits

Well Permits for 3731 & 3735 Sofia Court have a variance for both wells to be downgrade of their SDAs. Both wells should be constructed of 50' of steel casing or 10' into competent bedrock, whichever is deeper.

Respectfully,

A handwritten signature in black ink, appearing to read 'Shepsura Page', written in a cursive style.

Shepsura Page
Environmental Health Specialist
Howard County Health Department
Well and Septic Program

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – October 1, 2026

April 1, 2026

Homeowner
3731 Sofia Court
Glenwood, MD 21738

RE: Vineyards @ Cattail Creek, Lot 32
3731 Sofia Ct
Building Permit: B24002878
Well Permit: HO-22-0151

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 **3/25/2026**. Final approval of the well line connection to the dwelling was granted on **4/24/2025**. The well construction was completed on **10/8/2024**. Water samples were collected on **11/24/2025, 12/19/2025, 2/10/2026**.

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-22-0151. 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>



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

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's website which describes in further detail operation and maintenance of your septic system.

Approving Authority,

A handwritten signature in black ink, appearing to read 'Kevin M. Wolf', is written over a light blue horizontal line.

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

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: 11/25/2025
Order ID: 284668

Date/Time Received: 11/24/2025 12:45 PM

Battaglia Homes LLC

This report is the sole property of Battaglia Homes LLC. Any questions about the report MUST be directed to Battaglia Homes LLC at +14438831690. Home Land Labs is not at liberty to discuss this report without written consent from Battaglia Homes LLC.

Sample ID:	Project Name/Number:	Sample Address:	Method	Result	Units	RL	MCL	Pass/Fail	SMCL	Acceptable/High	Analyst	Prep Date/Time	Analysis Date/Time
14652	3731 Sofia Court Glenwood Maryland 21738												
			SM9223B	Present	Per/100mL	1	Present	Fail	N/A	N/A	SRC-365	11/24/2025 16:20	11/25/2025 10:30
			SM9223B	Absent	Per/100mL	1	Present	Pass	N/A	N/A	SRC-365	11/24/2025 16:20	11/25/2025 10:30
			EPA 300.0	2.15	mg/L	0.3	10	Pass	N/A	N/A	LS-365	11/25/2025 00:23	11/25/2025 00:23
			EPA 180.1	0.8	NTU	0.5	10.0	Pass	N/A	N/A	SMP-365	11/24/2025 13:50	11/24/2025 13:50

Kevin Barnaba

Kevin Barnaba, President

Approved By:

Certificate of Analysis

Report Date: 12/22/2025
Order ID: 286000

Barlow Well Drilling
522 Underwood Lane
Bel Air MD 21014

Date/Time Received: 12/19/2025 02:10 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:	16698	Sample Point:	Pressure tank							
Project Name/Number:	3731 Sofia Ct. Glenwood MD	Date/Time Sampled:	12/19/2025 01:10 PM							
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	12/19/2025 16:20	12/20/2025 11:09
(Panel) E. Coli P/A	SM9223B	Absent	Per/100mL	1	Present	Pass	N/A	N/A	12/19/2025 16:20	12/20/2025 11:09

Approved By:  Kevin Barnaba, President

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: 12/19/2025
Order ID: 285958

Barlow Well Drilling
522 Underwood Lane
Bel Air MD 21014

Date/Time Received: 12/18/2025 03:53 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:	16621	Sample Point:	PSI Tank								
Project Name/Number:	3731 Sofia Court	Date/Time Sampled:	12/18/2025 12:15 PM								
Sample Address:	Glenwood MD 21738										
Parameter	Method	Result	Units	RL	MCL	Pass/Fail	SMCL	Acceptable/High	Analyst	Prep Date/Time	Analysis Date/Time
Total Coliform P/A	SM9223B	Absent	Per/100mL	1	Present	Pass	N/A	N/A	SM-370	12/18/2025 17:08	12/19/2025 11:40
(Panel) E. Coli P/A	SM9223B	Absent	Per/100mL	1	Present	Pass	N/A	N/A	SM-370	12/18/2025 17:08	12/19/2025 11:40

Approved By:  Kevin Barnaba, President

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: 02/11/2026 Order ID: 287928

Battaglia Homes LLC

Date/Time Received: 02/10/2026 03:00 PM

This report is the sole property of Battaglia Homes LLC. Any questions about the report MUST be directed to Battaglia Homes LLC at +14438831690. Home Land Labs is not at liberty to discuss this report without written consent from Battaglia Homes LLC.

Sample ID:	19564	Sample Point:	Pressure Tank								
Project Name/Number:	3731 Sofia Court	Date/Time Sampled:	02/10/2026 10:00 AM								
Sample Address:	Glenwood Maryland 21738										
Parameter	Method	Result	Units	RL	MCL	Pass/Fail	SMCL	Acceptable/High	Analyst	Prep Date/Time	Analysis Date/Time
Sand	SM 2540F	Not Detected	mL/L/hr	0.5	N/A	N/A	N/A	N/A	LS-365	02/10/2026 15:10	02/10/2026 16:10

Approved By:  Kevin Barnaba, President