11-20000 13252 EMERGENCY/TEMP NO. IF ANY

B 1 | SEQUENCE NO. (MDE USE ONLY) 66788 | 1 2 3 6

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please type

STATE PERMIT NUMBER BA - 16 - 0367 (70 79)
fill in this form completely

Date Received (APA) 12 6 19 (8 MM DD YY 13)

OWNER INFORMATION
Morley Paul + Barbara (15 Last Name Owner First Name 34)
4 Country Hill Ct (36 Street or RFD 55)
Kimsville MD 21087 (57 Town 70 State 72 Zip 76)

DRILLER INFORMATION
Marshal Arnette MSD 1016 (Driller's Name 75 License No. 81)
Allied Well Drilling (Firm Name)
PO Box 129 Annapolis Junction MD 20701 (Address)
Marshal Arnette 12/6/19 (Signature Date)

B 2 | WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) (8 12)
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) (14 20)

USE FOR WATER (CIRCLE APPROPRIATE BOX)
- [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- [I] INDUSTRIAL, COMMERCIAL, DEWATERING (22)
- [P] PUBLIC WATER SUPPLY WELL
- [T] TEST, OBSERVATION, MONITORING
- [O] OPEN LOOP GEOTHERMAL
- [C] CLOSED LOOP GEOTHERMAL

APPROXIMATE DEPTH OF WELL ____ FEET (24 28)
APPROXIMATE DIAMETER OF WELL 6 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 DEEPENED WELLS (CIRCLE APPROPRIATE BOX)
- [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL
- [Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- [S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS (39)
- [D] THIS WELL WILL DEEPEN AN EXISTING WELL

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

Not to be filled in by driller. (MDE OR COUNTY USE ONLY)
APPROP. PERMIT NUMBER ____G____
PERMIT No. BA - 16 - 0367 (70 71 72 73 74 75 76 77 78 79)

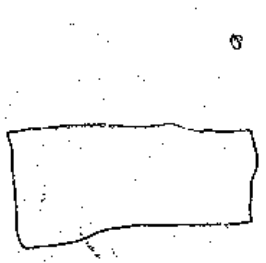
B 3 | LOCATION OF WELL
Baltimore (8 COUNTY 21)
Country Hill Estates (23 SUBDIVISION 42)
SECTION (44 46) LOT 10 (48 50)
Kimsville (52 NEAREST TOWN 71)

B 4 | SOURCES OF DRILLING WATER
1. PUBLIC
2.
3.

4 Country Hill Ct (11 STREET ADDRESS 30)
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH N, WEST W, 32, EAST E, SOUTH S
(34 37) DISTANCE FROM ROAD
ENTER FT OR MI (38 39)
TAX MAP 0054 BLK: 17 PARCEL 0054

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Balto 003 (COUNTY NAME COUNTY NO)
STATE SIGNATURE ____ INSERT S → (41)
DATE ISSUED 12 6 19 (43 MM DD YY 48) CO SIGNATURE EXP. DATE

PROPOSED LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL



N

816 40

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.

SPECIAL CONDITIONS
NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

D-11

MDE/WMA/PER.071 ② COUNTY

HOME LAND
ENVIRONMENTAL

Baltimore County Well Yield Report

Address: 4 Country Hill Court, Kingsville, MD. 21087 Date: 8/24/2026

Yield Results and Comments

Test Result: 10.71 GPM # of people moving in: 4

Days of water produced during test: 4.82

**Assuming 100 gallons per person per day based upon United States Geological Survey statistics*

Link to USGS

Well Yield Comments: None.

Disclaimer: ***Any mechanical issues listed are stated as visual observations for informational purposes only. The mechanical issues listed would likely not be the cause of a low yielding well (<1 GPM). A licensed well driller should be contacted in the event of a low yielding well to determine the cause and remediations needed.***

General Mechanical Evaluation of the Well's Pumping System

Well Head Evaluation

Well Tag:	BA-81-6410
Casing:	6" PVC
Cap:	2 Piece Metal/ PVC
Conduit:	Secure / Plastic

Comments: Well head located at front of property to the left of the house as facing.

Pressure Tank Evaluation

Model:	Unknown
Size:	~65 Gallons
Physical Condition:	Aged
Cut on /Cut Off:	30/50 PSI
Bladder Air Charge:	30 PSI
Cycle Time:	111 Seconds

Comments: The chemical feeder is installed before the pressure tank. It is recommended that the chemical feeder inlet be moved to post pressure tank to prevent causing undue stress on the well pump.

HOME LAND
ENVIRONMENTAL

p:443-995-5385 | info@homelandhealthyhomes.com | www.homelandhealthyhomes.com

Date: August 24, 2026 **Inspector:** Jason Jamison

Field Data Sheet
Baltimore County Well Yield Test Report

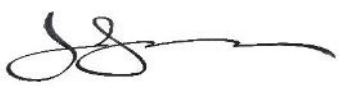
Property Address: 4 Country Hill Court, Kingsville, MD. 21087

Owner's Name and Mailing Address: Paul V Morely Jr (Trustee): 4 Country Hill Court, Kingsville, MD. 21087

Well Tag Number:	BA-81-6410	**Well Depth*:**	150 Feet	**Static Water Level*:**	18 Feet
Subdivision:	Country Hill Estates	**Lot:**	10	**Section:**	N/A
Plat:	0056/0042	**Elect District:**	11	**Block:**	N/A

TIME 8:15	WATER LEVEL	PSI (existing pump)	PUMPING RATE, seconds to fill 5 gallon bucket	ADDITIONAL DATA	CALCULATED FLOW (gallon per minute)
8:30		32	28		10.71
8:45		32	28		10.71
9:00		32	28		10.71
9:15		32	28		10.71
9:30		32	28		10.71
9:45		32	28		10.71
10:00		32	28		10.71
10:15		32	28		10.71
10:30		32	28		10.71
10:45		32	28		10.71
11:00		32	28		10.71
11:15		32	28		10.71

*Well information was obtained via the Well Completion Report and/or the Well Tag Number.

Signature of: Jason Jamison PI 0195		8/24/2026

HOME LAND
ENVIRONMENTAL

BALTIMORE COUNTY
DEPARTMENT OF ENVIRONMENTAL PROTECTION & SUSTAINABILITY
FACTS ABOUT WELL YIELDS IN BALTIMORE COUNTY

Based on frequently asked questions about well yield requirements, the Department of Environmental Protection & Sustainability (DEPS) has prepared the following information.

- The minimum well yield requirements for approval of a domestic water supply is a state regulation that has been in effect since 1981. The state regulation requires that new well systems must be able to yield at least 1 gallon/minute over a six-hour period. In addition, new well systems must be constructed such that they can deliver at least 500 gallons over a 2-hour period. In other words, lower yielding wells must be drilled deep enough to provide a reservoir of water available for immediate use.
- A minimum well yield requirement for property conveyance has been in the Baltimore County Code since 1980. The County Code also requires that domestic water supplies yield a minimum of 1 gallon/minute, however, the buyer of an existing property may choose to accept a yield less than 1 gallon/minute by filing a waiver with DEPS. In addition, there is no storage requirement for existing wells. A yield test conducted to determine the well yield is valid for three years.
- These laws are intended to provide reasonable assurance that residents of properties served by private water supplies have adequate water supplies for typical domestic purposes. They are not a guarantee of water well yield.
- Theoretically, the minimum well yield (1 gallon/minute) equates to 1,440 gallons/day, which is over 4 times the average consumption for a family of four (300 gallons/day or 75 gallons/day/person).
- DEPS has recorded well replacement statistics in Baltimore County since 1989. The data indicates that each year approximately 165 wells (or <1% of the 30,000+ wells in Baltimore County) are drilled to replace a previously existing water supply. This includes new wells drilled to replace substandard water supplies such as hand-dug wells and springs. The number of wells drilled per year to replace a well due to “insufficient yield” is approximately 86.
- It is DEPS’ experience that many homeowners discover the need for a replacement well only when they decide to sell their home and are required to conduct a yield test
- While it is not uncommon for a well yield to exhibit seasonal variation, there is generally not a wide fluctuation over the lifetime of a well. The ability of a well in bedrock aquifers to produce water is dependent on the number and size of fractures intercepted during drilling. Occasionally, wells may “go dry” due to drought conditions, or natural siltation (clogging) of the water bearing fractures.
- If a well “goes dry,” several options are available to replace the water supply: the existing well may be deepened, the existing well may be hydrofractured, or a new well may be drilled. The determination as to which option is best will depend on many factors—it is recommended that homeowners consult with several well drillers and/or DEPS before making a decision.
- Some formations are known to be “good producers” due to the highly fractured nature of the rock, however, there remains a possibility of drilling a “dry hole” if suitable fractures are not encountered during drilling. In general, it is more likely to drill higher yielding wells in valleys or drainage swales than it is on ridge tops.
- Water pressure at the tap is not necessarily dependent on well yield. Proper sizing of the well pump, pressure tank, and distribution lines by a licensed plumber will help ensure adequate pressure for the user.

If you have additional questions or want further clarification, contact 410-887-2762.

HOME LAND
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p:443-995-5385 | info@homelandhealthyhomes.com | www.homelandhealthyhomes.com

Date: August 10, 2026 **Name of Evaluator:** David Vincent **Time:** 9:00 AM **Property Address:** 4 Country Hill Court Kingsville, MD 21087 **Recent Weather Conditions:** Rain	**Ordered By:** Kelly Schuit **Buyers:** Lacey Johansson **Homeowner Interview:** The homeowner interview was requested and was received prior to the evaluation.	**Occupied:** ☐ Yes ☒ No **Length of Time Vacant:** Weeks **# of People Living in Home:** N/A **# of People moving in:** Unknown **Property Age:** 1988 **System Age:** Unknown **Last Date of Cleaning:** Few Years **Recomm'd Pumping Freq:** 3-4 Years

Liquid level in tank is: ☐ Above Normal ☒ Normal ☐ Below Normal		**Bottom Solids Depth:** 18 Inches
Depth of tank: 13 Inches	**Type of Tank Access:** Riser	**Depth of tank access:** Above Grade
Maintenance appears: ☐ Good ☐ Fair ☒ Poor	**# of Bedrooms:** Unknown	**Depth to Distribution Box:** Unknown
Effluent Filter present: ☐ Yes ☒ No	**Previous high liquid level:** ☐Yes ☒ No	**Distance to well:** >100 Feet
Records Search: Records were requested but were not received from Baltimore County prior to the inspection.		
Were there any impermeable surfaces above the septic system (i.e. driveway)? ☐ Yes ☒ No		

Type of Tank	Tank Composition and Size	Type of Absorption System
☒ Septic Tank	☐ Metal ☒ Concrete ☐ Plastic	☒ Leaching Field ☐ Sand Mound
☐ Aeration System		☐ Drywell (Number of:) ☐ Cesspool
☐ Other:	Tank Size: 1,500 gallons	☐ Unknown: _____

System Component	Condition	Comments
Septic Tank	☒ Acceptable ☐ Unacceptable ☐ Needs Further Evaluation	The septic tank is composed of concrete and has a capacity of approximately 1,500 gallons. Access consists of a riser above grade over the center of the tank; the tank is 13" below grade. The top riser ring was found to be cracked; the condition should be monitored. The front and back baffles are in place and composed of concrete. There are currently 18" of solids as well as foreign objects in the tank, indicating the tank is due to be cleaned. A broken snake line was located in the yard, however it could not be determined where/if this line is connected to the system. If this snake line is part of the septic system the pipe should be repaired by a licensed contractor.
Absorption System	☒ Acceptable ☐ Unacceptable ☐ Needs Further Evaluation	Two drainfields were located during the inspection. Both trenches were probed and found to be dry to a depth of at least 10" from the top of the stone. Approximately 300 gallons of water were introduced into the system with no signs of a back-up or surfacing to grade.

	**Picture 1:** This picture shows the location of the septic tank.
	**Picture 2:** This picture shows the concrete back baffle, as well as the foreign objects in the tank.
	**Picture 3:** This picture shows a broken snake line pipe in the yard. No connection to the front line was able to be located.

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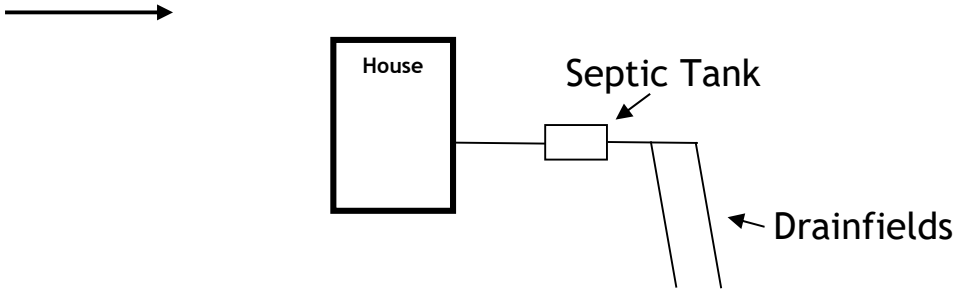
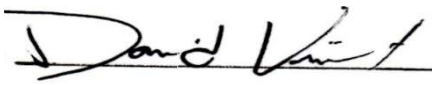
Sketch of System

Front of the House



DISCLAIMERS

- This is a subjective and visual inspection only, the conclusions of which are based on the observed condition of the system components that could reasonably be accessed, and information known about the system at the time this report was completed. There may be unknown historical problems or unseen conditions which may compromise the conclusions stated in this report.
- Suggestions or recommendations for repairs or remediation may result in the need for further repair or remediation once the system components are fully excavated.
- A 'Satisfactory' evaluation does not mean the system will meet the local approving authority's criteria for determining compliance with state code: COMAR 26.04.02.02 D(4).
- The evaluation of the Sewage Disposal System as reported is based on the conditions observed on the day of the inspection.
- This report is neither a WARRANTY nor does it GUARANTEE continued acceptable functionality or performance of the Sewage Disposal Systems operations.
- If the house has been unoccupied the findings in this report may not be accurate, as limited or no use of the system may conceal or mask problems that may be revealed under typical sewage loading.
- If the general ground condition is excessively wet at the time of inspection, the findings in this report may not be accurate, as ground moisture may cover or hide septic effluent that may be on or near the ground surface.
- If the house is vacant or the conditions excessively wet during inspection, it is recommended that the system be reevaluated at a later date and/or alternate techniques be used to address those potential issues.
- Payment and/or use of this evaluation signify understanding and acceptances of the above clauses, as well as any noted faults with the system.

Representative's Signature:		**Date:** 8/10/2026

Maryland On-Site Sewage Disposal System Inspection Report

** For this inspection to be considered a proper inspection, all sections must be completed**

Pre-Inspection Information

Property Information

Address: 4 Country Hill Court

City: Kingsville | State: MD | Zip Code: 21087

Permitted # of Bedrooms: | Build Year: 1988 | Water Supply: Well

Property Type: Single Family Home | If Other:

Comments: Please refer to Home Land Environmental septic inspection reports for additional information.

Owner Information/ Interview

Last Name: Morley | First Name:

Number of Occupants: 0 | Number of Years Occupied:

If Vacant, Date Vacated (mm/dd/yyyy): Weeks

In-Home Business: | Type:

Has the Property Recently had a Septic Inspection: | Date:

Any Septic System Issues: | Type:

Comments:

Document Search Information

Document Request Date: 8/8/2026 | Septic Permit Reviewed: No-Explain in Comments

Permitted Septic System Components:

Septic Tank: | Install Year: | Size: gal

BAT Unit: | Install Year: | Manufacturer:

Distribution Box: | Pumping Chamber:

Absorption Type: | Total Trench Length/ Width: Ft

Bed Size (L/W): Ft | Absorption Component Depth: Ft

Comments: Permits were requested but were not received.

On-site Inspection

Start Date: 8/10/2026 | Completion Date: 8/10/2026

Crawl Space/ Basement Evaluation

Number of Drain Pipes Exiting Foundation Wall: 1

Describe Each Pipe and Source: House plumbing.

Does Plumbing Evaluation Confirm all Wastewater is Directed into the Septic System: Yes

Water Treatment

Does the House have any Water Treatment Devices: Yes | If Yes, Number: 2

Describe each Water Treatment Device: AN WS

If any, where is the Water Treatment Discharge Directed: Septic Tank

Sewer Line Outside of Foundation

Pipe Material: | Cracks/ Breaks: | Blockage:

Comments: Piping was not scoped.

Grease Trap

Grease Trap: No | Size: (Gal) | Construction:

Liquid Level: | Proper Baffle:

Comments:

Septic Tank

Septic Tank: Yes | Number of Tanks: 1 | Total Size of Tank(s): ~1500 (Gal)

Type of Tank(s): Single Compartment | Construction: Concrete

Liquid Level: Normal | Evidence of High Water Staining: No | Effluent Filter: No

Inlet Baffle: Yes | Outlet Baffle: Yes | Baffle Condition: Good

Access: Riser Above Grade | Evidence of Ground or Surface Water Intrusion: No

Comments:

Best Available Technology Unit (BAT)

BAT Unit: No | Manufacturer: | Model:

Power to Contro Pannel: | Control Pannel: | Control Pannel Alarm:

Last Service Date: | Was Last Service Date more than 365 days:

Comments:

Distribution Box

Distribution Box: Yes | Number of Drainlines leaving Box: | Distribution Box Level:

Is there Equal Disstribution to Drainlines: | Liquid Level:

Comments: Box was not excavated.

Pumping Chamber

Pumping Chamber: No | Access: | Liquid Level:

High Water Alarm: | Alarm Properly Functioning: | Separate Float Tree:

Pump Elevated off the Bottom of the Tank: | Electrical Connections:

Comments:

Soil Absorption System

Absorption Type: Trenches | Observation Pipes (OP): No | OP Water Depth:

Trenches Probed: Yes | Describe Observation: Both dry to at least 10" from top of stone

Evidence of Surfacing Effluent: No | Describe:

Comments:

Other On-Site Disposal Systems (OSDS) Components and Systems

Detail all other OSDS components not covered in the above sections.

Comments:

OSDS Testing

Hydraulic Load Test

Hydraulic Load Test Performed: Yes | Testing Volume: 300 Gal | Elapsed Time: 40 Min

Comments:

Dye Test

Suspicious Liquid Discharge on or near the Property: No

Dye Test Performed: No | Reason:

Comments:

Tank Pump Out

Tank(s) Pumped: No | Number of Tanks Pumped: | Total Gallons Pumped:

Any Flow into Tank from Outlet Pipe: | Any Groundwater Entering the Tank:

Does the Tank Appear to be Watertight:

Comments:

Summary/Conclusions

Wastewater Collection System Conveys all Wastewater to Sewer Line:	☑ Satisfactory ☐ Unsatisfactory ☐ Satisfactory with Concerns
Sewer Line	☐ Satisfactory ☐ Unsatisfactory ☐ Satisfactory with Concerns
Grease Trap	☐ Satisfactory ☐ Unsatisfactory ☐ Satisfactory with Concerns
Septic Tank	☑ Satisfactory ☐ Unsatisfactory ☐ Satisfactory with Concerns
BAT Unit	☐ Satisfactory ☐ Unsatisfactory ☐ Satisfactory with Concerns
Distribution Box	☐ Satisfactory ☐ Unsatisfactory ☐ Satisfactory with Concerns
Pumping Chamber	☐ Satisfactory ☐ Unsatisfactory ☐ Satisfactory with Concerns
Soil Absorption System	☑ Satisfactory ☐ Unsatisfactory ☐ Satisfactory with Concerns
All other OSDS components	☐ Satisfactory ☐ Unsatisfactory ☐ Satisfactory with Concerns

Does any component of the OSDS need to be repaired or replaced:

Explain: The top riser ring is cracked; the condition should be monitored.

In my professional opinion this OSDS is properly functioning base on permitted capacity: Yes

My Inspection verifies the OSDS is consistant with the septic permit:

If listed for sale, does the number of bedrooms advertised match what is legally permitted:

Comments: Permits were not received.

Check with the Approving Authority for permitting requirements before any repair is performed to the septic system.

**ATTACH ALL DOCUMENTS PROVIDED BY THE APPROVING AUTHORITY

THIS INSPECTION REPORT DETAILS COMPONENTS AND THE PRESENT CONDITION OF THE ON-SITE SEWAGE DISPOSAL SYSTEM FOR THE ADDRESS LISTED IN THE PROPERTY INFORMATION SECTION OF THIS REPORT. THE CONCLUSIONS OF THIS REPORT DO NOT GUARANTEE OR WARRANTY THIS OSDS WILL FUNCTION IN THE FUTURE.

This inspection of the septic system is an evaluation of function and is not an evaluation that the system meets current State regulations. The owner should not assume future expansion of the home is possible without additional evaluation completed by the Approving Authority.

I attest that I have properly completed an inspection of the OSDS at this property. This inspection includes information obtained from the property owner, or representative, and a document search from the Approving Authority. I have completed all sections pertaining to components of this OSDS. The conclusions of this report are my professional opinions based on my training and experience inspecting OSDS.

First Name:	David	Last Name:	Vincent

License Number: 39

Signature: David Vincent

Date: 8/10/2026