



DATE: 01/28/2026		TECHNICIAN: Tyler Cassell	
NAME: Jim Dempsey - JDK Homes, LLC		WELL TAG #: No tag.	
ADDRESS: 1725 Marriottsville Rd, Marriottsville, MD 21104			
WELL DEPTH: Unknown		STATIC WATER LEVEL BEFORE: 19 ft	
NOTES: n/a			
TIME	WATER LEVEL	PUMPING RATE (TIME TO FILL 1 GAL BUCKET)	CALCULATED FLOW (GALLONS PER MIN)
10:00 a.m.	19 ft	17 seconds	3.5 gpm
10:15 a.m.	21 ft	17 seconds	3.5 gpm
10:30 a.m.	21 ft	17 seconds	3.5 gpm
10:45 a.m.	21 ft	17 seconds	3.5 gpm
11:00 a.m.	21 ft	17 seconds	3.5 gpm

Disclaimer: The Maryland state minimum requirement for a well is a yield of 1 gallon per minute. The U.S. Geological Survey (USGS) estimates that the average person uses approximately 100 gallons of water per day. All well yield notes and observations provided by our technicians are based on visual inspection, professional discretion, knowledge, and field experience. Results should not be considered a guarantee of long-term well performance, as actual yield may vary over time and with changing conditions.

P.O. Box 63
Woodbine, MD
410-795-1595

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #:	178978	Account #:	1933
Reference:	Jim Dempsey	Client:	Fogle's Well Pump & Treatment
Location:	1725 Marriottsville Road	Requested By:	Dave Fogle
	Marriottsville, MD 21104	Source:	Well Water
Date/ Time Collected:	1/28/2026 1000	Site:	Kitchen Faucet
Date/Time Rec'd:	1/28/2026 1309	Treatment:	None
Chlorine ppm:	Free: ND Total: ND	pH:	5.2
Collected By:	T. Cassell 0767TC	Well #:	N/A

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	1/29/2026 / 0900 / KDR
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	1/29/2026 / 0900 / KDR
Nitrate.	2.14	mg/L (as N)	10	EPA 300.0	1/28/2026 / 1433 / KDR
Turbidity	2.86	NTU	<10	SM2130B	1/28/2026 / 1540 / KDR
Sand	ND	mg/L	5	Visual/Gravimetric	1/28/2026 / 1545 / KDR

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 pH and Chlorine level tested in lab (pH tested after recommended holding time); Chlorine level tested on site
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND = None Detected; N/A: Not Available
- 7 Visual well check: Single piece cap
- 8 Sample collected by client, analyzed as received

Reason for Test : Real Estate

Date Reported: 1/29/2026



FOGLE'S WELL PUMP &
WATER TREATMENT, LLC
PO BOX 63
WOODBINE, MD 21797
(410) 795-1535
www.fogleswellpump.com

Estimate 45526054
Job 45475108
Estimate Date 1/30/2026
Customer PO

Billing Address
JDK Homes, LLC
2767 Thornbrook Road
Ellicott City, MD 21042 USA

Job Address
Jim Dempsey
1725 Marriottsville Road
Marriottsville, MD 21104 USA

Estimate Details

Well System Replacement

Service #	Description	Quantity	Your Price	Your Total
SRV-078	Convert existing jet pump system to a submersible well pump system. Install a new 1/2hp Goulds well pump in well. Single line jet pump set up if we end up doing a conversion we will need to do some hand digging and run a conduit up through the band board over to the basement area about 40' in crawl space Remove jet pump and tank from crawl space. Tie into 1.25" poly pipe pipe over to basement area roughly 70' of piping. Recommend larger pressure tank with such a shallow well 44 or 65 gallon. Well is producing about 3.5 gpm at 21' on a jet pump - couldn't run it any faster due to the pump. New 2-piece bug proof well cap (cut off bent casing install cap). Run wire from well through band board through crawl space into basement to desired location. Run pipe through crawl space to basement to desired well equipment area. Install 44 or 65 gallon tank tie into 3/4" Pex in basement area. Install Viqua sediment filter 4x10. Remove existing equipment from crawl space. Chlorinate well. Range on scope of work - \$7500-\$8500 *3 year warranty on pump from date of installation* **The warranty does not cover pump failure or damage resulting from lightning strikes, power surges, or any other electrical issues beyond our control**	1.00	\$8,500.00	\$8,500.00

Sub-Total	\$8,500.00
Tax	\$0.00
Total	\$8,500.00

Thank you for choosing Fogle's Well Pump & Water Treatment, LLC

THIS IS AN ESTIMATE, NOT A CONTRACT FOR SERVICES. The summary above is furnished by Fogle's Well Pump & Water Treatment, LLC as a good faith estimate of work to be performed at the location described above and is based on our evaluation and does not include material price increases or additional labor and materials which may be required should unforeseen problems arise after the work has started. I understand that the final cost of the work may differ from the estimate, perhaps materially. THIS IS NOT A GUARANTEE OF THE FINAL PRICE OF WORK TO BE PERFORMED. I agree and authorize the work as summarized on these estimated terms, and I agree to pay the full amount for all work performed. Pricing for this estimate is good for up to 30 days.



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WATER TREATMENT, LLC
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WOODBINE, MD 21797
(410) 795-1535
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Invoice 45475108
Invoice Date 1/28/2026
Completed Date 1/28/2026
Customer PO
Payment Term Due Upon Receipt

Billing Address

JDK Homes, LLC
2767 Thornbrook Road
Ellicott City, MD 21042 USA

Job Address

Jim Dempsey
1725 Marriottsville Road
Marriottsville, MD 21104 USA

Description of work

Well is yielding 3.5gpm. Jet pump is functioning but is older and not able to deliver pressure to the house. Pressure tank is very corroded and leaking. Recommend replacing pressure tank and converting to a submersible pump system. Well head is not adequately sealed. Recommend a new 2-piece steel bug-proof well cap.

Task #	Description	Quantity	Price	Total
SRV-141	1 hour modified well yield Well tag#: Well Depth: Well is producing:	1.00	\$325.00	\$325.00
SRV-135	Water Testing- U & O profile sample. Bacteria Coliform, Bacteria E Coli, Sand, Turbidity, Nitrates	1.00	\$215.00	\$215.00
Sub-Total				\$540.00
Tax				\$0.00
Total Due				\$540.00
Payment				\$0.00
Balance Due				\$540.00

Thank you for choosing Fogle's Well Pump & Water Treatment, LLC

This invoice is agreed and acknowledged. Payment is due upon receipt. A service fee will be charged for any returned checks, and a financing charge of 1% per month shall be applied for overdue amounts.

1/28/2026

I find and agree that all work performed by Fogle's Well Pump & Water Treatment, LLC has been completed in a satisfactory and workmanlike manner. I have been given the opportunity to address concerns and/or discrepancies in the work provided, and I either have no such concerns or have found no discrepancies or they have been addressed to my satisfaction. My signature here signifies my full and final acceptance of all work performed by the contractor.

1/28/2026



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