

C1 7256

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER

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

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER STREET OR RFD SUBDIVISION TOWN

WELL LOG Not required for driven wells

GROUTING RECORD WELL HAS BEEN GROUTED

PUMPING TEST

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Brown shale, Gray Granite.

TYPE OF GROUTING MATERIAL (Circle one) CEMENT BENTONITE CLAY

HOURS PUMPED (nearest hour) PUMPING RATE (gal. per min.)

CASING RECORD casing types insert appropriate code below

BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test)

MAIN CASING TYPE Nominal diameter top (main) casing

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO)

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

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

SCREEN RECORD screen type or open hole insert appropriate code below

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

NUMBER OF UNSUCCESSFUL WELLS: WELL HYDROFRACTURED

DEPTH (nearest ft.)

PUMP HORSE POWER PUMP COLUMN LENGTH

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

Table with columns: A, C, H, S, R, E, N and rows for depth measurements.

CASING HEIGHT (circle appropriate box and enter casing height)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

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

LAND SURFACE below (nearest foot)

DRILLERS LIC. NO. DRILLERS SIGNATURE LIC. NO.

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

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS

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

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

NO survey stakes

B 1 4344

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

H0 - 95 - 1187

526657 please type

fill in this form completely

Date Received (APA)

OWNER INFORMATION

Keelty Company, P.O. Box 528, Timonwm md 21094

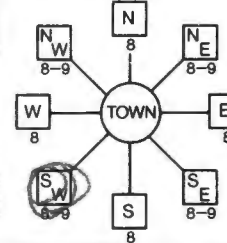
LOCATION OF WELL

Howard, Myrtue Property, Woodstock

DRILLER INFORMATION

Allen Compton, Fogles Well Drilling, 580 obrecht Rd.

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Woodstock rd.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD ENTER FT OR MI

TAX MAP: 10 BLK: 24 PARCEL 225

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION, FARMING, INDUSTRIAL, PUBLIC WATER SUPPLY WELL, TEST, OBSERVATION, MONITORING, GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard, A 518006-17, STATE SIGNATURE, DATE ISSUED 8/29/07, COUNTY SIGNATURE, EXP. DATE 8/29/08

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 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, 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 DEEPEAN AN EXISTING WELL

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

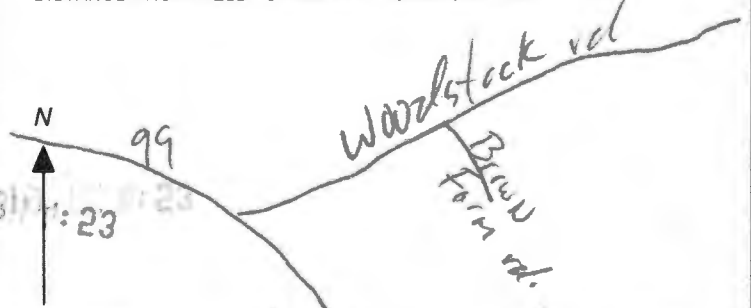
- SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

E 836, N 5481

8/29/07 y+g Radium Sample Collected During Yield Test

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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

APPROX. PERMIT NUMBER H0 2006 G 518, PERMIT No. H0 - 95 - 1187

SPECIAL CONDITIONS

Need radium sample @ yield test

**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: Ke-Stone Homes Telephone #: _____
Subdivision: Mature Property Lot #: 11 Well Tag #: HO-95-1187 (S)
Site Address: 1841 DAVIS Branch RD
WOODSTOCK, MD 21663

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Starite</u>	Make: <u>NSI</u>	Two piece watertight cap: _____
Model #: <u>112 hp</u>	Model#: <u>P100</u>	Screened, vented well cap: _____
Pump Capacity <u>7</u> GPM	Depth: <u>36</u> (36" min)	Cap secured to casing: _____
Well Yield: <u>7</u> GPM	NSF/WSC approved: _____	Conduit min 18" B.G.: _____
Depth of well encountered at time of pump installation: <u>200</u> (feet)		Conduit secured to well cap: _____

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: PVC
PSI: 200 (160 psi min)
Depth of supply line: 36 (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration: _____
Length of sleeve (5' minimum from foundation): 6'
Sleeve sealed properly: YES

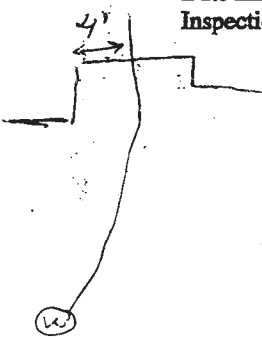
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

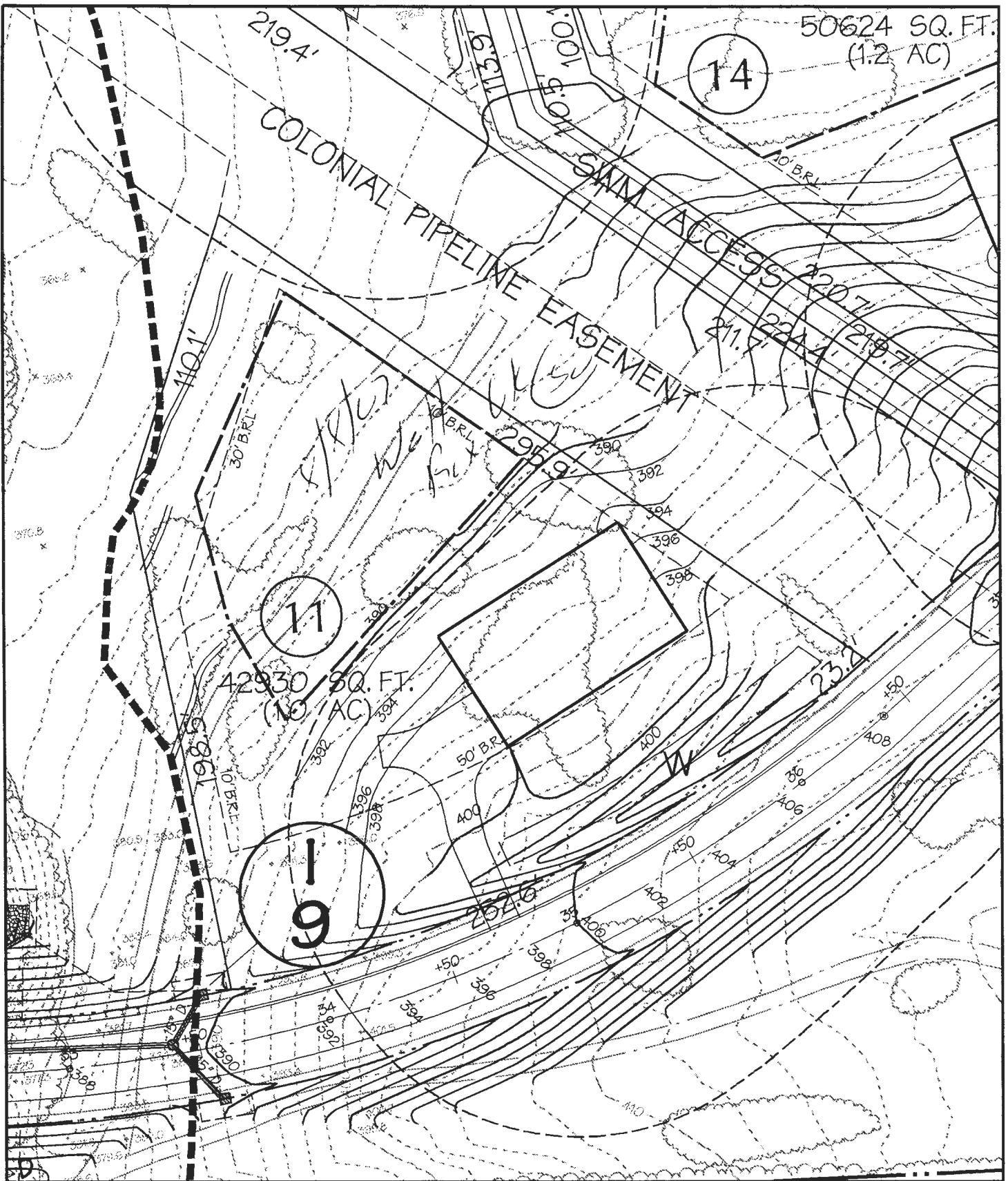
Signature of company representative responsible for installation _____

5/25/22
date

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

Date Insp. Requested: <u>5/27/22</u>	Date Insp. Approved: <u>5/27/22</u>	Inspector: <u>(S)</u>
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade	<input checked="" type="checkbox"/>	<u>45"</u>
Two piece cap installed and attached to casing securely	<input checked="" type="checkbox"/>	
Elec. conduit extends at least 18" below grade/attached to cap properly	<input checked="" type="checkbox"/>	<u>37"</u>
Safety rope not outside of well cap/casing	<input checked="" type="checkbox"/>	
Correct well tag attached properly and casing 8" above finished grade	<input checked="" type="checkbox"/>	<u>16"</u>
Water supply line sleeved adequately at house connection	<input checked="" type="checkbox"/>	<u>9"</u>
Adequate grout observed below pitless adapter	<input checked="" type="checkbox"/>	





MYRTUE PROPERTY

LOT 11

DMW

Daft-McCune-Walker, Inc.

200 East Pennsylvania Avenue
 Towson, Maryland 21286
 (410) 296-3333
 Fax 296-4705

A Team of Land Planners,
 Landscape Architects,
 Engineers, Surveyors &
 Environmental Professionals

Job No. 02033

Scale: 1"=50'

Date: 04/16/07

Drawn By: MDT

n:\02033\Lot Wells\Lot11.DGN

Wed Apr 25 11:57:08 2007



Penny E. Borenstein, M.D., M.P.H., Health Officer

ATTENTION WELL DRILLERS!!!

When submitting a well application for a new or replacement well, please indicate one of the following:

- The well site has been staked by DaFT - McCune Walker on _____ and is ready for site inspection.
- _____ will call the Health Department for a time to meet in the field to verify a well location.
- Site plan for new well is attached to well permit application.

Please attach this sheet when submitting your green application. This should help improve communication allowing a more timely service for our citizens.

KN

*Engineer stated well loc is
Staked on corners*

Martne Prof. Lots 1-31



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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – DECEMBER 20, 2024

June 20, 2024

Homeowner
1841 Davis Branch Road
Woodstock, MD 21163

RE: Marriotts Ridge, Lot 11
1841 Davis Branch Road
Building Permit: B21004193
Well Permit: HO-95-1187

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 **8/26/2022**. Final approval of the well line connection to the dwelling was granted on **5/27/2022**. The well construction was completed on **8/29/2007**. Water samples were collected on **9/9/2022, 10/17/2022, 11/28/2022, 3/15/2024, 6/12/2024**.

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 **8/29/2007**. Results showed a Gross Alpha level of **1.9 ± 0.9 pCi/L** and **Gross Beta** level of **4.8 ± 1.3 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-95-1187. 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.**



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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>

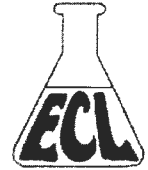
In closing, please refer to our "Homeowner Fact Sheet" for understanding your onsite sewage disposal system. You will also find a link to Maryland Department of the Environments website which elaborates in further detail operation and maintenance of your Septic System.

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

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

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

Report Date: 09/15/2022
Report Number: 220915125951
Use and Occupancy
PERMIT #:

LAB#- E071775-01 SAMPLE ID- 1841 Davis Branch Rd WELL #
LOCATION- Pressure Tank SAMPLER- S Duklewski #3073SD
DATE SAMPLED- 09/09/2022 TIME SAMPLED- 13:20 CHLORINE- Non detect
DATE RECEIVED- 09/09/2022 TIME RECEIVED- 16:40
DELIVERED BY- Steve Duklewski RECEIVED BY- Ginny Shelley
COMMENTS- Secure well, 2 piece cap. No treatment.

COMMENTS-

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DATA FLAG
Microbiology by Enviro-Chem					
Total Coliform	SM 9223B	09/09/22 16:45	VPS	Present	FAIL
E. Coli	SM 9223B	09/09/22 16:45	VPS	Absent	PASS

Based on coliform bacteriological standards, at the time of sampling this water was **NOT SAFE** for drinking water purposes.

Wet Chemistry by Enviro-Chem

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DATA FLAG
Nitrate (as N)	EPA 300.0	09/10/22 14:47	SES	0.10 mg/L	PASS
pH	SM4500-H+B	09/09/22 16:45	VPS	6.2 SU	
Sand	EPA 160.5	09/10/22 11:00	VPS	< 0.5 ml/L/Hr	
Turbidity	EPA 180.1	09/09/22 16:45	VPS	1.8 NTU	

Stephen Shelley
Laboratory Director

Certifications

State of Maryland Laboratory

#192



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

October 9, 2007

James Keelty and Company, Inc.
61 East Padonia Road
Timonium, Maryland 21093

RE: Myrtue Property Lot 11
Davis Branch Road
Well Tag: HO-95-1187

To Whom this May Concern:

A sample was collected from a yield test on August 29, 2007 and submitted to GPL Laboratories to assess the possible presence of **Gross Alpha** and **Gross Beta** in the future well water supply. **Gross Alpha** and **Gross Beta** measure the total alpha and beta particle activity in a water supply. In turn, this can provide information regarding naturally occurring radiation (i.e., Radionuclides) that may exist in your area of development within the County.

Results from this screening revealed a **Gross Alpha** of 1.9 ± 0.9 picocuries/liter (pCi/L); while the **Gross Beta** level was 4.8 ± 1.3 pCi/L. Both the **Gross Alpha** and **Gross Beta** were below the **maximum contaminant level (MCL)** of 15 pCi/L and the targeted value of 50 pCi/L (roughly equivalent to the **annual dose rate** of 4 millirems/year).

At the time of testing and with respect to these parameters, the future well water supply appears safe for all uses. No additional testing for **these parameters** will be required to secure the future Use & Occupancy. However, other standard testing will still be necessary.

A copy of the test results is enclosed for your information. Please call this office at 410-313-1773 if you have any further questions.

Sincerely,

A handwritten signature in black ink that reads 'Bert Nixon'.

Bert Nixon, Director
Bureau of Environmental Health

cc: Eric Dougherty, MDE Water Mgmt., Groundwater
✓ Well & Septic File

HOME LAND LABS

1220 East Joppa Road #C505
Towson, MD 21286
Phone 443.505.8375
lab@homelandhealthyhomes.com
State Certified Water Quality Lab 365

108 Old Solomons Island Road, Suite I2
Annapolis, MD 21401
Phone 443.505.8375
lab@homelandhealthyhomes.com
State Certified Water Quality Lab 106

3430 Rockefeller Court
Waldorf, MD 20602
Phone 443.505.8375
lab@homelandhealthyhomes.com
State Certified Water Quality Lab 139

Certificate of Analysis

Report Date: 10/19/2022

Client: Barlow Well Drilling
Property Address: 1841 Davis Branch Road Lot 11
Woodstock, MD
Report No: 229746
Sample Time: 10/17/2022 07:00
Date & Time Received: 10/18/2022 08:30
Sampled By: Michael Isom
Field Preservation: Ice
Sample Point(s): Pressure Tank
Water Conditioning Appears to be: None

Field Chlorine: Not Noted
Field pH: Not Noted
Well Type: Drilled
Well Height: 1'
Cap Type: 2-Piece PVC
Casing: PVC
Conduit: PVC
Clarity: Clear
Sand: None Observed
Well Tag Number: HO-95-1187

This report is the sole property of Barlow Well Drilling. Any questions about the report MUST be directed to Barlow Well Drilling at (410) 838-6910. Home Land Labs is not at liberty to discuss this report without written consent from Barlow Well Drilling.

Primary Contaminants								
Parameter	Method	Result	Pass/Fail	Units	MCL	RL	Analyst	Date of Analysis
Bacteria-Total Coliform	Colilert Test	Present	Fail	Per/100ml	Present	1	M K - 365	10/19/2022
Bacteria-E.coli	Colilert Test	Absent	Pass	Per/100ml	Present	1	M K - 365	10/19/2022

Approved By: Denise Junis

Denise Junis, Lab Director

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

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

Report Date: 12/01/2022
Report Number: 221201160741
Use and Occupancy
PERMIT #:

LAB#- E072519-01 SAMPLE ID- 1841 Davis Branch Rd WELL # HO 95-1187
LOCATION- Pressure Tank SAMPLER- M Isom #1113MI
DATE SAMPLED- 11/28/2022 TIME SAMPLED- 14:00 CHLORINE- Non detect
DATE RECEIVED- 11/28/2022 TIME RECEIVED- 16:28
DELIVERED BY- Mike Isom RECEIVED BY- Ginny Shelley
COMMENTS-

COMMENTS-

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DATA FLAG
Microbiology by Enviro-Chem					
Total Coliform	SM 9223B	11/28/22 16:45	VPS	16.0	MPN/100 mL FAIL
E. Coli	SM 9223B	11/28/22 16:45	VPS <	1.0	MPN/100 mL PASS

Based on coliform bacteriological standards, at the time of sampling this water was **NOT SAFE** for drinking water purposes.

Stephen Shelley
Laboratory Director

Certifications

State of Maryland Laboratory

#192

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State Certified Water Quality Lab 106

3430 Rockefeller Court
Waldorf, MD 20602
Phone 443.505.8375
lab@homelandhealthyhomes.com
State Certified Water Quality Lab 139

Certificate of Analysis

Report Date: 03/18/2024

Client: Barlow Well Drilling
Property Address: 1841 Davis Branch Road
Woodstock, MD 21163
Report No: 252428
Sample Time: 03/15/2024 13:43
Date & Time Received: 03/15/2024 15:00
Sampled By: Jeremy Vanarsdale - 1337JV
Field Preservation: Ice
Sample Point(s): Test Port
Water Conditioning Appears to be: UV Light

Field Chlorine: 0.00
Field pH: Not Noted
Well Type: Drilled
Well Height: 18"
Cap Type: PVC 2-Piece
Casing: PVC
Conduit: PVC
Clarity: Clear
Sand: None Observed
Well Tag Number: HO-95-1187

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Primary Contaminants								
Parameter	Method	Result	Pass/Fail	Units	MCL	RL	Analyst	Date of Analysis
Bacteria-Total Coliform	Colisure Test	Absent	Pass	Per/100ml	Present	1	K B - 370	03/17/2024
Bacteria-E.coli	Colisure Test	Absent	Pass	Per/100ml	Present	1	K B - 370	03/17/2024

Approved By: Kevin Barnaba Kevin Barnaba, Lab Director

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State Certified Water Quality Lab 139

Certificate of Analysis

Report Date: 03/18/2024

Client: Barlow Well Drilling
Property Address: 1841 Davis Branch Road
Woodstock, MD 21163
Report No: 252428
Sample Time: 03/15/2024 13:43
Date & Time Received: 03/15/2024 15:00
Sampled By: Jeremy Vanarsdale - 1337JV
Field Preservation: Ice
Sample Point(s): Test Port
Water Conditioning Appears to be: UV Light

Field Chlorine: 0.00
Field pH: Not Noted
Well Type: Drilled
Well Height: 18"
Cap Type: PVC 2-Piece
Casing: PVC
Conduit: PVC
Clarity: Clear
Sand: None Observed
Well Tag Number: HO-95-1187

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Primary Contaminants								
Parameter	Method	Result	Pass/Fail	Units	MCL	RL	Analyst	Date of Analysis
Bacteria-Total Coliform	Colisure Test	Absent	Pass	Per/100ml	Present	1	K B - 370	03/17/2024
Bacteria-E.coli	Colisure Test	Absent	Pass	Per/100ml	Present	1	K B - 370	03/17/2024

Approved By: Kevin Barnaba Kevin Barnaba, Lab Director

HOME LAND

L A B S

1220 East Joppa Road #C505
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State Certified Water Quality Lab 106

3430 Rockefeller Court
Waldorf, MD 20602
Phone 443.505.8375
lab@homelandhealthyhomes.com
State Certified Water Quality Lab 139

AMENDED Certificate of Analysis

Report Date: 06/19/2024

Client: Barlow Well Drilling
Property Address: 1841 Davis Branch Road
Woodstock, MD 21163
Report No: 256767
Sample Time: 06/12/2024 08:30
Date & Time Received: 06/12/2024 15:49
Sampled By: Steve Duklewski - 3091SD
Field Preservation: Ice
Sample Point(s): Pressure Tank
Water Conditioning Appears to be: None

Field Chlorine: 0.00
Field pH: 6.00
Well Type: Drilled
Well Height: 12"
Cap Type: 2-Piece Steel
Casing: PVC
Conduit: PVC
Clarity: Clear
Sand: None Observed
Well Tag Number: HO-95-1187

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Primary Contaminants								
Parameter	Method	Result	Pass/Fail	Units	MCL	RL	Analyst	Date of Analysis
Bacteria-Total Coliform	Colilert-18 Test	Absent ✓	Pass	Per/100ml	Present	1	S M - 370	06/13/2024
Bacteria-E.coli	Colilert-18 Test	Absent ✓	Pass	Per/100ml	Present	1	S M - 370	06/13/2024
Nitrate + Nitrite as N	EPA 353.2	Not Detected	Pass	mg/L	10	0.5	K L - 365	06/13/2024
Turbidity	EPA 180.1	0.5	Pass	NTU	10	0.5	E H - 365	06/13/2024
Gross Beta	EPA 900.0	3.6	Pass	pCi/L	50.0	1.4	F R C - 278	06/18/2024
Radium Gross Alpha	EPA 900.0	1.4	Pass	pCi/L	15	0.8	F R C - 278	06/18/2024

Contaminants								
Parameter	Method	Result	Acceptable/High	Units	SMCL	RL	Analyst	Date of Analysis
Sand	SM 2540F	Not Detected	-	ml/L/hr	-	0.5	E H - 365	06/13/2024

Amended Note

The lab added the following notes for your amended report:

HOME LAND LABS



252428 Jue Date: 03/18/2024
Client: Barlow Wel

Phone: (443) 505-8375 Email: lab@homelandhealthyhomes.com

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

108 Old Solomons Island Road, Ste L2
Annapolis, MD 21401
MD Lab # 106

3430 Rockefeller Court
Waldorf, MD 20602
MD Lab # 139

2216 Commerce Road, Ste 2A
Forest Hill, MD 21050

Please provide completed form with samples. Highlighted fields are required.

Client Name: Michael Barlow Well Drilling	Property Address: 1841 Davis Branch Rd
Email Address: Misom@mbwd.us	Woodstock, MD, 21163
Phone Number: 410-838-6910	

Field Collection Information

Sampler Name: Jeremy Vanarsdale	Field pH: N/A
Sampler ID #: 1337JV	Field Chlorine (mg/L): Ø
Date Sampled: 3-15-24	Time Sampled: 1:43 pm
Well Tag Number: HO-95-1187	Sand: N/A
Clarity: clear	
Compliance sample for public water system? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, PWS ID #:	

Well Casing and Cap Condition

Well Type: Drilled Well Pit Below Grade Artesian Hand Dug N/A Other: _____

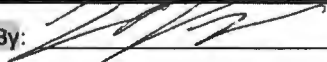
Height Above Grade: 18"	Cap Type: PVC 2 piece	Casing: PVC	Conduit: PVC
Sample Point: Test Port		Water Conditioning: UV Light	

Requested Testing: (Please check all that apply)

- JV Potability (Bacteria, Nitrate + Nitrite, Turbidity)
 FHA/VA (Bacteria, Nitrate + Nitrite, Turbidity, Lead, Iron)
 JV Bacteria Chlorides Total Dissolved Solids
 Lead Hardness Copper
 Nitrate + Nitrite Arsenic VOCs
 Iron Cadmium Other: _____
 Turbidity Gross Alpha Other: _____

List rush samples below
Refer to table for rush turnaround times and fees

Release Signatures

Released By: 	Date/Time: 3-15-24 3:00	Samples received on ice? <input type="checkbox"/> Yes <input type="checkbox"/> No
Released By: _____	Date/Time: _____	
Released By: _____	Date/Time: _____	
Received in lab by: <u>Shane McFar</u>	Date/Time: 3/15/2024 3:00 PM	Temperature: _____

HOME LAND LABS

256767 Job Date: 06/14/2024
Client: Barlow Well

Phone: (443) 505-8375 Email: lab@homelandhealthyhomes.com

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

108 Old Solomons Island Road, Ste L2
Annapolis, MD 21401
MD Lab # 106

3430 Rockefeller Court
Waldorf, MD 20602
MD Lab # 139

2216 Commerce Road, Ste 2
Forest Hill, MD 21050

Please provide completed form with samples. Highlighted fields are required.

Client Name: Barlow Well Drilling	Property Address: 1841 Davis Branch Rd
Email Address: Misom@mbwd.us	Woodstock, MD 21163
Phone Number: 410-838-6910	

Field Collection Information

Sampler Name: Steve Oklewski	Field pH: 6
Sampler ID #: 30915D	Field Chlorine (mg/L): clear
Date Sampled: 6-12-24	Time Sampled: 8:30am
Well Tag Number: HO-95-1187	Sand: clear
Clarity: clear	
Compliance sample for public water system? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, PWS ID #:	

Well Casing and Cap Condition

Well Type: Drilled Well Pit Below Grade Artesian Hand Dug N/A Other: _____

Height Above Grade: 12"	Cap Type: 2 piece steel	Casing: PVC	Conduit: PVC
Sample Point: PSI Tank		Water Conditioning: N/A	

Requested Testing: (Please check all that apply)

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Potability (Bacteria, Nitrate + Nitrite, Turbidity) | <input type="checkbox"/> Chlorides | <input type="checkbox"/> Total Dissolved Solids |
| <input type="checkbox"/> FHA/VA (Bacteria, Nitrate + Nitrite, Turbidity, Lead, Iron) | <input type="checkbox"/> Hardness | <input type="checkbox"/> Copper |
| <input type="checkbox"/> Bacteria | <input type="checkbox"/> Arsenic | <input type="checkbox"/> VOCs |
| <input type="checkbox"/> Lead | <input type="checkbox"/> Cadmium | <input checked="" type="checkbox"/> Other: Gross Beta |
| <input type="checkbox"/> Nitrate + Nitrite | <input checked="" type="checkbox"/> Gross Alpha | <input checked="" type="checkbox"/> Other: Sand |
| <input type="checkbox"/> Iron | | |
| <input type="checkbox"/> Turbidity | | |

List rush samples below
Refer to table for rush turnaround times and fees

Release Signatures

Released By: [Signature]

Date/Time: 6-12-24 3:49 PM

Released By: _____

Date/Time: _____

Released By: _____

Date/Time: _____

Received in lab by: Shane McFaul

Date/Time: 6/12/2024 3:49 PM

Rec'd on file
-SKM

Gross Alpha and Gross Beta results added.

By: MAK, Date: 06/19/2024

Approved By: Kevin Barnaba Kevin Barnaba, Lab Director