

C1 **7254** SEQUENCE NO. (MDE USE ONLY)
 1 2 3 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE TYPE

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

ST/CO USE ONLY
 DATE Received
 MM DD YY
 8 13

DATE WELL COMPLETED
 MM DD YY
 8 27 07

Depth of Well
 22 200 26
 (TO NEAREST FOOT) 10/26/07

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
 HO-95-1185

OWNER Lecky 10.
 STREET OR RFD WOODSTOCK rd. TOWN WOODSTOCK
 SUBDIVISION Myrtus PRO. SECTION _____ LOT 9

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		check if water bearing
	FROM	TO	
Brown shale	0	35	
Gray Granite	35	200	✓

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT BENTONITE CLAY
 NO. OF BAGS 18 NO. OF POUNDS 1692
 GALLONS OF WATER 108
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 TOP 52 ft. to 37 BOTTOM 58 ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER
 MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 61

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

SCREEN RECORD
 screen type or open hole (insert appropriate code below)
 ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0
 WELL HYDROFRACTURED YES NO
 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

C 2 DEPTH (nearest ft.)
 1 2 HO 61 200
 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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.
 DRILLERS LIC. NO. M 5 D 009
 DRILLERS SIGNATURE _____
 LIC. NO. D
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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) 03
 PUMPING RATE (gal. per min.) 10
 METHOD USED TO MEASURE PUMPING RATE 1 gal.
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 45 ft.
 WHEN PUMPING 65 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 (CIRCLE) (YES or NO) 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. 29
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (nearest ft.) _____
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE
 - below } 01 (nearest foot)

LOCATION OF WELL ON LOT
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
 NO survey stakes

B 1 4342

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 526657 please type

STATE PERMIT NUMBER

HO-95-1185 fill in this form completely

Date Received (APA)

8 MM DD YY 13

OWNER INFORMATION

Keelty Company P.O. Box 528 Timonium Md. 21094

B 3

LOCATION OF WELL

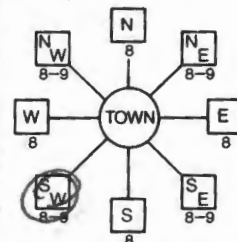
Howard Myrtle Property Woodstock

DRILLER INFORMATION

Allen Compton MS D 009 Eagle Well Drilling 580 Obrecht Rd

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Woodstock rd.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NEAR WHAT ROAD DISTANCE FROM ROAD ENTER FT OR MI TAX MAP: 10 BLK: 24 PARCEL: 225

B 2

WELL INFORMATION

APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

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 GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME ASIB 006-17 COUNTY NO. STATE SIGNATURE DATE ISSUED 8/8/07 CO SIGNATURE EXP. DATE 8/8/08 NORTH GRID 541 000 EAST GRID 836 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)

- BORED (or Augered) AIR-ROTary JETTED AIR-PERCussion Jetted & DRIVEN ROTARY (Hydraulic Rotary) 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 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

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

APPROP. PERMIT NUMBER HO 2006 G018 PERMIT No. HO-95-1185

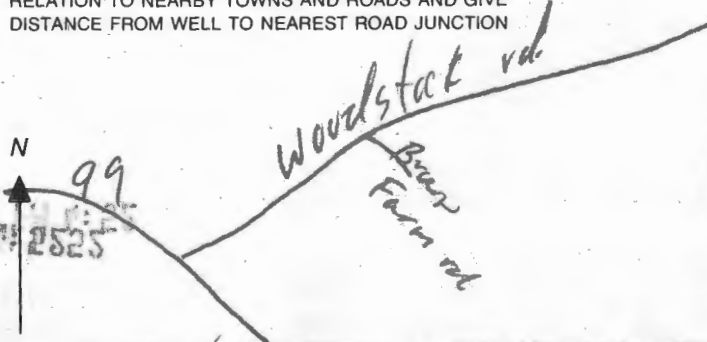
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

E 836 N 541

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



SPECIAL CONDITIONS

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

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: Robert L. Feezer Co., Telephone #: 410-781-4655
Address: 6321 Barnett Avenue
Sykesville, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): Russell George License# PI0148

***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: Keystone Telephone #: 877-513-0385
Subdivision: _____ Lot #: 9 Well Tag #: HO -95 -1185 **(51)**
Site Address: 1802 davis Branch Road
Woodstock, Maryland 21163

Submersible Pump Data

Make: Goulds
Model #: 5CS10422C
Pump Capacity 5 GPM
Well Yield: 10 GPM

Pitless Adapter

Make: Campbell
Model#: PT800
Depth: 42" (36" min)
NSF/WSC approved: Yes

Well Cap and Electric Conduit

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

Depth of well encountered at time of pump installation: _____ (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 **N/A**

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: Yes
Length of sleeve (5' minimum from foundation): 10'
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.

Robert L. Feezer _____
Signature of company representative responsible for installation date

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

Date Insp. Requested: 10/12/2020 Date Insp. Approved: 10/7/2020 Inspector: **(51)**
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade ✓ 50"
Two piece cap installed and attached to casing securely ✓ 18"
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 ✓ 25"
Water supply line sleeved adequately at house connection ✓ 7.5'
Adequate grout observed below pitless adapter ✓



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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – JUNE 2, 2021

December 2, 2020

Homeowner
1802 Davis Branch Road
Woodstock, MD 21163

RE: Myrtue Property, Lot 9
1802 Davis Branch Rd
Building Permit: B20001213
Well Permit: HO-95-1185

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 **10/8/2020**. Final approval of the well line connection to the dwelling was granted on **10/7/2020**. The well construction was completed on **8/27/2009**. Water samples were collected on **11/9/2020**.

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 **11/9/2020**. Results showed a Gross Alpha level of **1.2 ± 0.0 pCi/L** and **Gross Beta** level of **3.6 ± 0.0 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). In addition, Radium samples were also collected on 7/31/2007. Results showed a combined radium 226/228 level of **<1.2 pCi/L**. 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-95-1185. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies.

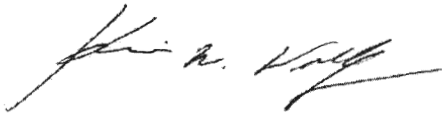
This Interim Certificate of Potability will expire **six months** from the date of issuance. Submission of a second bacteriological test indicating the water is free of coliform and fecal coliform bacteria is required prior to the expiration date, after which time a Final Certificate of Potability will 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.**

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



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

ATTENTION WELL DRILLERS!!!

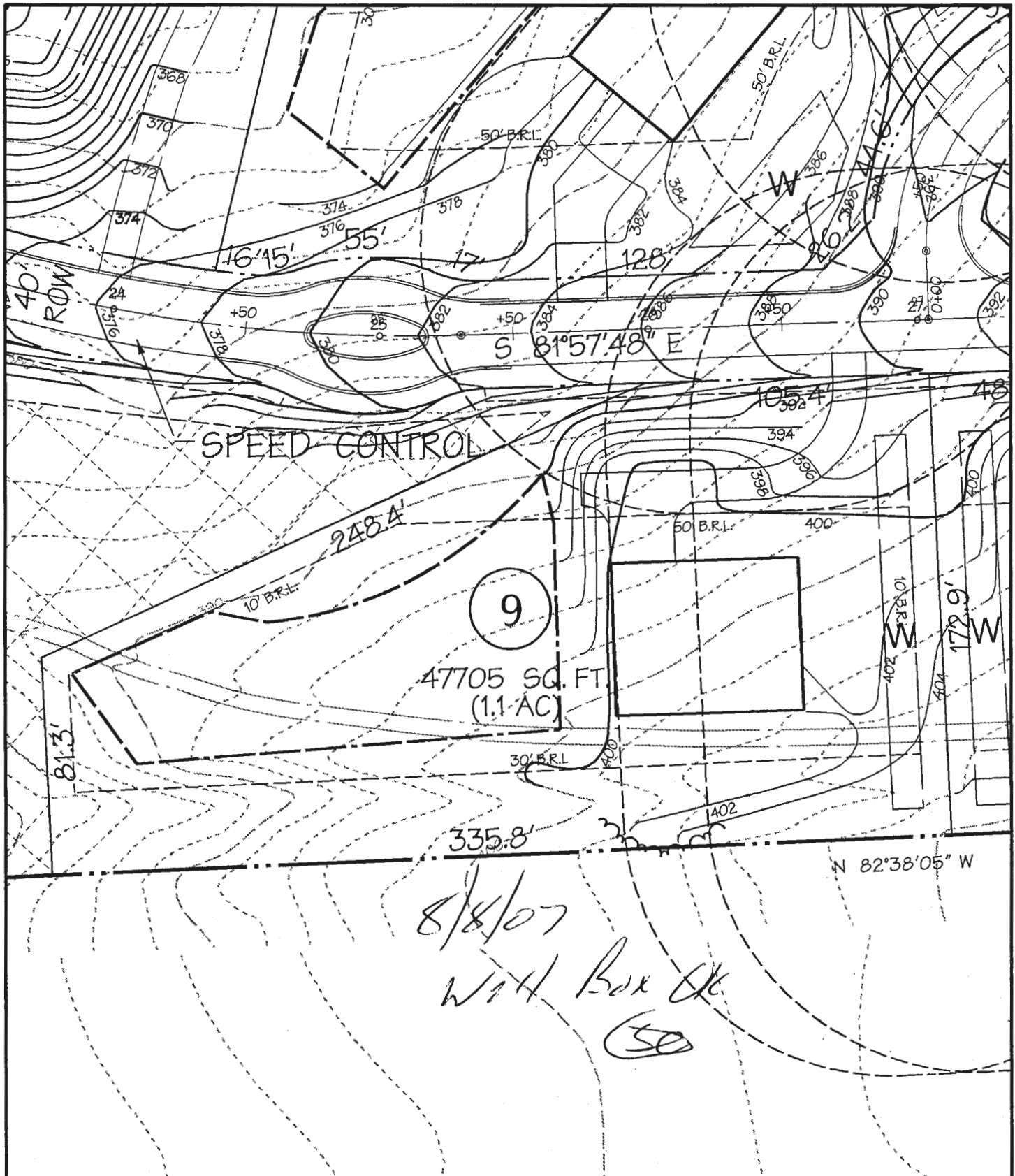
When submitting a well application for a new or replacement well, please indicate one of the following:

- 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 box is
Staked on corners

Martine Prof. Lots 1-31



MYRTUE PROPERTY

LOT 9

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\Lot09.DGN

Wed Apr 25 11:53:58 2007

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 141084 Account #: 1920
Reference: Marriotts Ridge Lot# MRS009 Company: Robert L Feezer Co- New Homes
Location: 1802 Davis Branch Road Requested By: Rick Cross
Woodstock, MD 21163 Source: Well Water
Date/ Time Collected: 11/9/2020 1015 Site: Pressure Tank
Date/Time Rec'd: 11/9/2020 1345 Treatment: Neutralizer/Softener**
Chlorine ppm: Free: ND Total: ND pH: 6.3
Collected By: J. Yeager 0819JY Well #: HO-95-1185

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	11/10/2020 / 0815 / CRS
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM20 9223B	11/10/2020 / 0815 / CRS
Nitrate	<1.0	mg/L	10	601	11/10/2020 / 1130 / CRS
Turbidity	0.65	NTU	<10	SM20 2130B	11/10/2020 / 1200 / CRS
Sand	ND	mg/L	5	Visual/Gravimetric	11/10/2020 / 1200 / CRS

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 & chlorine 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
- 7 Visual well check: Sealed, vented cap
- 8 **Sample collected prior to treatment

Reason for Test : Use & Occupancy

Building Permit # : 20001213

Date Reported: 11/10/2020

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 141085 Account #: 1920
Reference: Marriotts Ridge Lot# MRS009 Company: Robert L Feezer Co- New Homes
Location: 1802 Davis Branch Road Requested By: Rick Cross
Woodstock, MD 21163 Source: Well Water
Date/ Time Collected: 11/9/2020 1015 Site: Pressure Tank
Date/Time Rec'd: 11/9/2020 1345 Treatment: **
Chlorine ppm: Free: ND Total: ND pH: 6.3
Collected By: J. Yeager 0819JY Well #: HO-95-1185

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Gross Alpha, Short Term	1.2	pCi/L	15	900.0	11/12/2020 / 0649 / MJN
Gross Beta, Short Term	3.6	pCi/L	50	900.0	11/12/2020 / 0649 / MJN
Gross Alpha, Long Term	1.0	pCi/L	15	900.0	11/19/2020 / 0635 / MJN
Gross Beta, Long Term	3.4	pCi/L	50	900.0	11/19/2020 / 0635 / MJN
Radium-226	0.4	pCi/L	****	903.1	11/18/2020 / 1137 / MJN
Radium-228	<0.8	pCi/L	****	Ra-05	11/17/2020 / 0945 / MJN

NOTES:

- ****Radium 226 and Radium 228 combined have a reference of 5 pCi/L
- **Sample collected prior to Neutralizer/Softener
- Long Term Gross Alpha Detection Limit: 1.0 pCi/L; Gross Alpha Error: +/- 0.8 pCi/L
- Long Term Gross Beta Detection Limit: 1.5 pCi/L; Gross Beta Error: +/- 1.1 pCi/L
- pCi/L = picocuries per liter
- Radium 226 Detection Limit: 0.2 pCi/L; Radium 226 Error: +/- 0.2 pCi/L
- Radium 228 Detection Limit: 0.8 pCi/L; Radium 228 Error: +/- 0.5 pCi/L
- Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- Short Term Gross Alpha Detection Limit: 1.0 pCi/L; Gross Alpha Error: +/- 0.9 pCi/L
- Short Term Gross Beta Detection Limit: 2.4 pCi/L; Gross Beta Error: +/- 1.6 pCi/L
- Sub-contracted to Reference Lab #278
- ND:None Detected
- Visual well check: Sealed, vented cap
- pH & Chlorine level tested on site

Reason for Test : Use & Occupancy

Building Permit # : 20001213

Date Reported: 11/20/2020

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

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

REPORT OF ANALYSIS

Laboratory ID #: 141086 Account #: 1920
Reference: Marriotts Ridge Lot# MRS009 Company: Robert L Feezer Co- New Homes
Location: 1802 Davis Branch Road Requested By: Rick Cross
Woodstock, MD 21163 Source: Well Water
Date/ Time Collected: 11/9/2020 1155 Site: Kitchen Sink Tap
Date/Time Rec'd: 11/9/2020 1345 Treatment: Softener/Neutralizer
Chlorine ppm: Free: ND Total: ND pH: 8.3
Collected By: J. Yeager 0819JY Well #: HO-95-1185

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Gross Alpha, Short Term	<1.5	pCi/L	15	900.0	11/12/2020 / 0649 / MJN
Gross Beta, Short Term	<2.5	pCi/L	50	900.0	11/12/2020 / 0649 / MJN
Gross Alpha, Long Term	<1.1	pCi/L	15	900.0	11/19/2020 / 0731 / MJN
Gross Beta, Long Term	<1.4	pCi/L	50	900.0	11/19/2020 / 0731 / MJN
Radium-226	0.7	pCi/L	****	903.1	11/18/2020 / 1137 / MJN
Radium-228	<0.7	pCi/L	****	Ra-05	11/17/2020 / 0945 / MJN

NOTES:

- ****Radium 226 and Radium 228 combined have a reference of 5 pCi/L
- Long Term Gross Alpha Detection Limit: 1.1 pCi/L; Gross Alpha Error: +/- 0.9 pCi/L
- Long Term Gross Beta Detection Limit: 1.4 pCi/L; Gross Beta Error: +/- 0.9 pCi/L
- pCi/L = picocuries per liter
- Radium 226 Detection Limit: 0.1 pCi/L; Radium 226 Error: +/- 0.3 pCi/L
- Radium 228 Detection Limit: 0.7 pCi/L; Radium 228 Error: +/- 0.4 pCi/L
- Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- Short Term Gross Alpha Detection Limit: 1.5 pCi/L; Gross Alpha Error: +/- 1.1 pCi/L
- Short Term Gross Beta Detection Limit: 2.5 pCi/L; Gross Beta Error: +/- 1.6 pCi/L
- Sub-contracted to Reference Lab #278
- ND:None Detected
- Visual well check: Sealed, vented cap
- pH & Chlorine level tested on site

Reason for Test : Use & Occupancy
Building Permit # : 20001213

Date Reported: 11/20/2020