

**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: Fogles Well Drilling Telephone #: 410-795-5670
Address: PO BOX
Woodbine, MD 21797

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

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

Name (Print): David C. Fogle License# MSD226

*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: Zach Brendel Telephone #: _____
Subdivision: _____ Lot #: _____ Well Tag #: HO-13-1523 ✓
Site Address: 2175 Woodbine Rd
Woodbine, MD 21797

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Grundfos</u>	Make: <u>Campbell</u>	Two piece watertight cap: <u>YES</u>
Model #: <u>155GE07-186</u>	Model #: <u>N/A</u>	Screened, vented well cap: <u>YES</u>
Pump Capacity: <u>15</u> GPM	Depth: <u>36"</u> (36" min)	Cap secured to casing: <u>YES</u>
Well Yield: <u>120</u> GPM	NSF/WSC approved: <u>YES</u>	Conduit min 18" B.G.: <u>YES</u>
Depth of well encountered at time of pump installation: <u>125'</u> (feet)	Conduit secured to well cap: <u>YES</u>	

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 adaptor or other acceptable method inside of well casing N/A

Piping to house conduit

Type: 1" poly pipe
PSI: 160 (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): _____
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: David Fogle date: 4/28/15

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

Date Insp. Requested: _____ Date Insp. Approved: 4/28/15 Inspector: (KW)

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 3" above finished grade _____
Water supply line sleeved adequately at house connection _____
Adequate grout observed below pitless adapter _____

4/28/15
Contractor called
wanted to cover
well. OK (see picture)
conducted ex. pitless
cap attached. 2-pump
line for
conduit

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #: 102115 Account #: 6541
Reference: Mulloy Builders Company: Mulloy Builders
Location: 2175 Woodbine Road Requested By: Neil Mulloy
Woodbine, MD 21797 Source: Well Water
Date/ Time Collected: 7/23/2015 1306 Site: Pressure Tank
Date/Time Rec'd: 7/23/2015 1405 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.9
Collected By: J. Yeager 6176JY Well #: HO-81-1523

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	7/24/2015 / 0830 / LLO
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223	7/24/2015 / 0830 / LLO
Nitrate	8.60	mg/L	10	601	7/24/2015 / 1300 / CCH
Turbidity	3.13	NTU	<10	SM18 2130B	7/24/2015 / 1400 / CCH
Sand	NS	mg/L	5	Visual/Gravimetric	7/24/2015 / 1400 / CCH

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 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU = Nephelometric Turbidity Units
- 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 pH & Chlorine level tested on site

Reason for Test : Use & Occupancy

Building Permit # : B14002942

Date Reported: 7/28/2015

Bricker, Robert

From: Bricker, Robert
Sent: Tuesday, September 02, 2014 4:51 PM
To: Neil Mulloy
Subject: B14002942 edits

Neil, Following is how I need the Building Permit Plan edited.

Delete Notes 3, 6, 7 and 9.

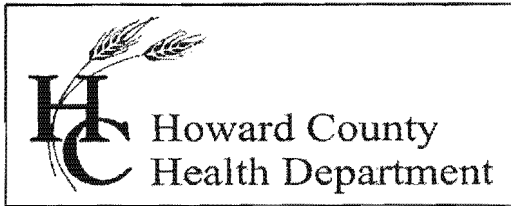
Add this Note:

THE EXISTING WELL SHOWN ON THIS PLAN (TAG# HO-73-1523) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

Submit one copy of the plan directly to me at the Bureau of Environmental Health.

Robert Bricker, CPSS, REHS/R.S., L.E.H.S.
Environmental Sanitarian II
Bureau of Environmental Health
Well and Septic Program, Development Coordination Section
8930 Stanford Blvd.
Columbia, MD 21045

Desk, 410-313-2691; FAX, 41-313-2648



Bureau of Environmental Health

8930 Stanford Blvd., 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

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

INTERIM CERTIFICATE OF POTABILITY

Expiration Date – FEBRUARY 6, 2015

August 6, 2015

Homeowner
2175 Woodbine Road
Woodbine, MD 21797

**RE: Brendel Property
2175 Woodbine Road
Building Permit: B14002942
Well Permit: HO-73-1523**

Dear Homeowner:

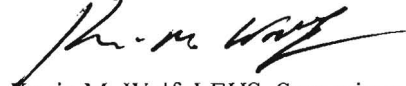
This is to advise you that the septic system installation and water well construction for the above referenced property have been inspected and approved. Final approval of the septic system was granted on **8/5/2015**. Final approval of the well line connection to the dwelling was granted on **4/28/2015**. The well construction was completed on **7/29/1976**. Water samples were collected on **7/23/2015**.

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-73-1523. 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>

Approving Authority,

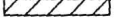
A handwritten signature in black ink, appearing to read "Kevin M. Wolf". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Kevin M. Wolf, LEHS, Supervisor
Groundwater Management Section
Well & Septic Program

cc: Howard County Dept. of Inspections, Licenses, and Permits
Community Hygiene Program
File

NOTES:

1.) THE PARCEL OUTLINE SHOWN HEREON IS BASED ON DEED AND IS IDENTIFIED AS PARCEL 237; TAX MAP 13, GRID 3. THE PROPERTY ADDRESS IS 2157 WOODBINE ROAD.

2.)  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET, AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE REQUIRED.

Delete 3.) THE EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT, BASED ON THE SOILS FOUND AND PERCOLATION RATES DETERMINED IN THE FIELD, AT THE TIME OF TRENCH LAYOUT AND INSPECTION.

4.) THE TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY GIS AND ARE AT TWO(2) FOOT INTERVALS, SUPPLEMENTED BY FIELD SURVEY ELEVATIONS IN THE VICINITY OF THE PROPOSED SEWERAGE DISPOSAL EASEMENT. FIELD SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. IN APRIL, 2014.

5.) EXISTING WELLS AND/OR SEPTIC SYSTEMS ON ADJACENT PROPERTIES WITHIN 100 FEET OF THE BOUNDARY OF THE SUBJECT PROPERTY ARE SHOWN BASED ON THE BEST AVAILABLE INFORMATION OBTAINED FROM THE HOWARD COUNTY BUREAU OF ENVIRONMENTAL HEALTH. THE OWNERS OF EXISTING HOMES CLOSEST TO THE SEWERAGE DISPOSAL EASEMENT PROPOSED ON PARCEL 237 WERE CONTACTED TO DETERMINE THE LOCATION OF THEIR EXISTING WELLS AND SEPTIC SYSTEMS.

Delete 6.) ANY CHANGES TO THE APPROVED PRIVATE SEWAGE EASEMENT SHALL REQUIRE THE APPROVAL OF A REVISED PERCOLATION CERTIFICATION PLAN.

? 7.) THE EXISTING SEPTIC TANK AND DRY WELLS SHALL BE REMOVED AND A NEW TANK WITH THE REQUIRED BAT SYSTEM SHALL BE INSTALLED.

8.) BOTH EXISTING WELLS ON THE SUBJECT PROPERTY WILL REMAIN. ONE IS A POTABLE WELL WHICH WILL SERVE THE NEW HOUSE TO BE BUILT TO REPLACE THE EXISTING HOUSE. THE SECOND WELL SERVES THE BARN AND IS ALSO USED FOR IRRIGATION PURPOSES.

Delete 9.) THE FIVE (5) PROPOSED PERCOLATION TEST HOLES WILL BE FIELD STAKED IN THE FIELD BY BENCHMARK ENGINEERING, INC. PRIOR TO THE DATE OF THE PERCOLATION TESTING WITH THE HEALTH DEPARTMENT. ALL HOLES DUG WILL BE FIELD LOCATED WITH A SURFACE ELEVATION BASED ON THE HOWARD COUNTY GEODETIC CONTROL SYSTEM ONCE PERCOLATION TESTING IS COMPLETED.

*10.) THE TOTAL AREA OF THE SUBJECT PROPERTY IS 24.49± ACRES.

Add: well location certification statement

Wolf, Kevin

From: Wolf, Kevin
Sent: Wednesday, July 23, 2014 8:22 AM
To: 'Neil Mulloy'
Subject: RE: Brendel; 2175 Woodbine Rd
Attachments: DEMO REQUEST FORM final 2-17-2011.pdf

Neil,

Please fill out the following demolition request form, email it back to me, then I can start your letter of release. Everything seems to be in order here. The existing tank will be collapsed and a new tank installed during building permit of the new house. I only ask to get a invoice from a scavenger company that the tank was at least pumped out if any liquid resides in the tank.

Thanks,

Kevin M. Wolf, R.E.H.S./R.S., LEHS
Bureau of Environmental Health
Well & Septic Program
Groundwater Mgmt. Sec.
8930 Stanford Blvd.
Columbia, MD 21045
(o) 410-313-2645
(f) 410-313-2648

CONFIDENTIALITY NOTICE

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-----Original Message-----

From: Neil Mulloy [<mailto:neil@mulloybuilders.com>]
Sent: Tuesday, July 22, 2014 1:11 PM
To: Wolf, Kevin
Subject: Brendel; 2175 Woodbine Rd

Hello Kevin,

I contracted Easterday Well to raise the casing of the irrigation well at the Brendel property. Attached are the pictures of the work as you requested. Also attached are pictures of the orange protection fence installed around the existing septic tank, house well, and the irrigation well.

I hope these pictures are enough information for you to provide the necessary letter and documentation for us to obtain the demolition permit. If you could provide that letter as soon as possible it would be greatly appreciated.

Please let me know if there is anything else you need.

(total of 5 pictures attached)

Thank You

--

Neil Mulloy
Mulloy Builders
#410-984-4643
www.mulloybuilders.com

2175 Woodbine Rd.



