

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: _____ Telephone #: _____
 Address: _____

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

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

Name (Print): _____ License# _____

***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: _____ Telephone #: _____
 Subdivision: _____ Lot #: _____ Well Tag #: HO - 92 - 0512
 Site Address: 3701 Red Oak Ln

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

<u>Piping to house</u>	<u>House Connection</u>
Type: _____	PVC sleeve to undisturbed soil at wall penetration: _____
PSI: _____ (160 psi min)	Length of sleeve(5' minimum from foundation): _____
Depth of supply line: _____ (36" min)	Sleeve sealed properly: _____

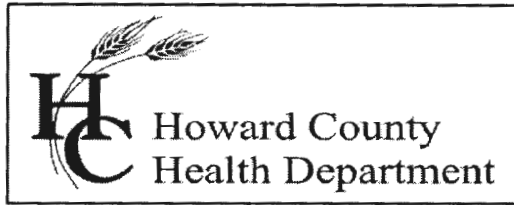
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation _____ date _____

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

Date Insp. Requested: 10/1/14 Date Insp. Approved: 10/1/14 Inspector: (KCO)

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



Bureau of Environmental Health

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Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

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

TEMPORARY INTERIM CERTIFICATE OF POTABILITY **TEMPORARY DEVIATION FOR RADIUM**

Expiration Date – JULY 13, 2015

May 26, 2015

Homeowner
3701 Red Oak Lane
Ellicott City, MD 21042

**RE: Woodmark, Lot
3701 Red Oak Lane
Building Permit: B13003247
Well Permit: HO-95-0512**

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 **5/20/2015**. Final approval of the well line connection to the dwelling was granted on **10/1/2014**. The well construction was completed on **1/27/1994**. Water samples were collected on **4/13/2015**.

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.

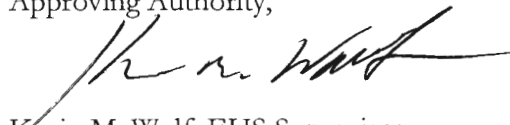
This is a **temporary deviation** to allow additional time for testing your well water system for Radium. Submission of water sample results must be obtained by Health Department within the allowed 45 day period for the Interim Certificate of Potability

This Department will grant a **temporary deviation** to the Interim Certificate of Potability on condition that water sample results for short term gross alpha/beta are submitted to this Department **within 45 days**. Those results must indicate that the radionuclide levels meet a Gross Alpha level of less than **15 pCi/L**, and a Gross Beta level of less than **50 pCi/L**.

This Temporary Interim Certificate of Potability will expire 45 days from the date of issuance. Failure to submit the required radium sample results and obtain an Interim Certificate of Potability before the expiration date 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 water sample appointment or contact a Maryland 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.mdc.state.md.us/assets/document/WSP-Labs-2010apr16.pdf>

Approving Authority,



Kevin M. Wolf, EHS Supervisor
Environmental Health Specialist
Well & Septic Program

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

Water Testing Laboratories

P.O. Box 712
Stevensville, MD 21666
410-643-7711

of Maryland, Inc.

Stevens Builders
4714 Linthicum Road
Dayton, Md 21036

Reporting Date: 4/15/2015
Report #: M2672

Submitted Sample Address: 3701 Red Oak Lane
Ellicott City, MD

Submitted Sample Source: Holding tank

Date / Time Collected: 4/13/2015 01:20 PM

Sample Type: Drinking Water

Sampler/Company: J. Schwarzmann 0457JS, WTL of MD

Field Record: Chlorine residual: Absent Clear when drawn pH: 7.3

Well #: HO-92-0512

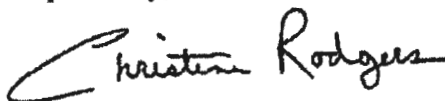
Analytical Results

Parameter	Result	Units	Report Limit	MCL	MCL Type
Total Coliforms	Absent	Coliforms/100 ml	Present/Absent	Present	EPA Primary
<i>E. Coli</i>	Absent	Coliforms/100 ml	Present/Absent	Present	EPA Primary
Nitrate as N	0.7	mg/L	0.5	10	EPA Primary
Sand	Absent	P/A	Present/Absent	---	---
Turbidity	1.4	NTU	0.5	10 ^{TT}	EPA Action Level

Notes:

- Bacteriological analysis of this sample indicates this water is **safe** for human consumption.
- MCL - Maximum Contaminant Level
- ND - Not Detected.
- TT - Treatment Technique: A required process intended to reduce the level of a contamination that is allowed in drinking water. County health departments require that for new wells, turbidity must be below 10 NTU for Use & Occupancy permits.
- MCL Type -
EPA Primary: The maximum contaminant level which is the highest level of contaminant that is allowed in drinking water. Primary MCLs are enforceable standards.
EPA Secondary: Non enforceable guidelines regulating contaminants that cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste or odor) in drinking water.
Action Level: Defined in treatment techniques which are required processes intended to reduce the level of a contaminant in drinking water.
- We certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted by methods approved by the US Environmental Protection Agency or variations of these EPA methods. These test results may not be used for regulatory compliance.

Reported by,



C. Rodgers, Customer Service Representative

Reviewed by: _____

Water Testing Laboratories

P.O. Box 712
Stevensville, MD 21666
410-643-7711

of Maryland, Inc.

Stevens Builders
4829 Ten Oaks Road
Dayton, MD 21036

Reporting Date: 8/4/15
Report #: M2980

Submitted Sample Address: 3701 Red Oak Lane
Ellicott City
Submitted Sample Source: Kitchen Sink- No Filter
Date / Time Collected: 7/01/2015 11:35AM
Sample Type: Drinking Water
Sampler/Company: K. Lee 4827KL, WTL of MD
Field Record: Chlorine residual: Absent Clear when drawn
Well #: N/A

Analytical Results

Parameter	Result	Units	Report Limit	MCL	Analytical Method
Gross Alpha	9.68	pCi/L	2.96	15	EPA 900.0
Gross Beta	7.07	pCi/L	2.00	*See Notes	EPA 900.0

Notes:

1. MCL is EPA's maximum contaminant level under primary drinking water regulations.
2. ND - Not Detected.
3. *EPA considers 50 pCi/L to be the limit of concern for Gross Beta.
4. Sample received and examined within EPA's recommended holding time.
5. Analyzed by Lab 308.

Reported by,

D. Saumenig

D. Saumenig, Customer Service Representative

Reviewed by: *SMB*