

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: All Around Plumbing Inc. Telephone #: 301-698-1028
Address: PO Box 3596
Frederick, MD 21705

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): J. Brendan Madden License# 18121

*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: Scott & Carry Buckner Telephone #: 240-506-0088
Subdivision: Lot #: 14 Well Tag #: HO-31-0202
Site Address: 12279 Carroll Mill Rd
Ellicott City, MD 21042

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Make: Two piece watertight cap: yes
Model #: Model#: Screened, vented well cap: yes
Pump Capacity GPM Depth: (36" min) Cap secured to casing: yes
Well Yield: GPM NSF/WSC approved: Conduit min 18" B.G.: yes
Depth of well encountered at time of pump installation: (feet) Conduit secured to well cap: yes
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 House Connection
Type: PVC PVC sleeve to undisturbed soil at wall penetration: yes
PSI: 200 (160 psi min) Length of sleeve (5' minimum from foundation): 5'
Depth of supply line: 36 (36" min) Sleeve sealed properly: yes

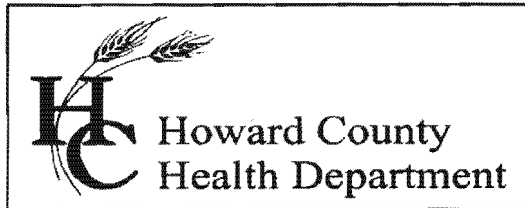
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: J. Brendan Madden date: 8-19-14

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

Date Insp. Requested: 8/20/14 Date Insp. Approved: 12/23/14 SC Inspector: RR
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

*needed to cover before holiday break. Jeff from Hatfield's sent pictures - line runs under foundation. 12/23/14 SC



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 – AUGUST 26, 2015

February 26, 2015

Homeowner
12279 Carroll Mill Road
Ellicott City, MD 21042

RE: Woodmark, Lot 14
12279 Carroll Mill Road
Building Permit: B14001340
Well Permit: HO-81-0303

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 **2/26/2015**. Final approval of the well line connection to the dwelling was granted on **12/23/2014**. The well construction was completed on **11/21/1983**. Water samples were collected on **2/23/2015**.

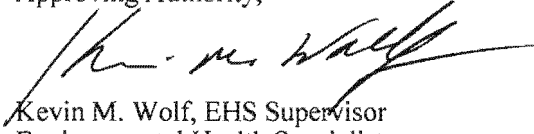
The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit HO-81-0303. 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 written in a cursive style with a long horizontal stroke extending to the right.

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

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

FROM MDE WELL DATABASE

PERMIT	HO810303
SUBDIVISION	WOODMARK
LOT	5
CITY	LAUREL
SECTION	13
ROAD_NAME	CARROLL MILL RD
COMPLETION_DATE	21-Nov-83
TOTAL_DEPTH	125
PUMPING_RATE	10
LEVEL_DURING	55
LEVEL_BEFORE	45
STATE	MD
ZIP	20707
DRILLER_NAME	REICHART, WILLIAM
DRILLER_ID	MWD0064
EST_GPM_PRODUCED	5
Use_for_water_simp	DW
APPROX_DEPTH	250
DRILL_METHOD	AIR-PER
REPLACEMENT	N
REPLACE_PERMIT	
WAPID	
NEAREST_TOWN	MAYFIELD
TOWN_DISTANCE	1.5 MI
TOWN_DIRECTION	SW
ROAD_SIDE	S
ROAD_DISTANCE	200 FT
TAX_MAP	
BLOCK	
PARCEL	
N_GRID27	526000
E_GRID27	816000
N_GRID83	178841
E_GRID83	404903
LAT_DEC_DEG	39.277746
LON_DEC_DEG	76.94318
ISSUE_DATE	17-Oct-83
SPECIAL_FLAG	
NUM_UNSUCCESSFUL	
HYDROFRACTURE	
GROUTED	Y

GROUT_TYPE	CM
GROUT_TOP	0
GROUT_BOTTOM	20
CASING_TYPE	ST
CASING_DIAM	6
CASING_DEPTH	40
CASING_HEIGHT	+01
SCREEN_TYPE_1	HO
TOP_SCREEN_1	40
BOTTOM_SCREEN_1	125
SCREEN_DIAM	
FLOWING_WELL	
TELESCOPING	
LOG_TYPE	
HRS_PUMPED	3
TEST_PUMP_TYPE	S
PUMP_INSTALLED	
INSTALL_PUMP_TYPE	
CAPACITY	
PUMP_HP	
COLUMN_LENGTH	
CLOSED	X
ABANDONED	
ABANDON_DATE	

1/7/15

Called Steven Walker @ MDE to get a copy of the completion report. File was sent out on microfiche and they don't have a hard copy. They will in ~4 months. (SC)

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 #: 99184 Account #: 3123
Reference: Douglas Homes Company: National Water Servicing
Location: 12279 Carroll Mill Road Requested By: Dave Rycke
Ellicott City, MD 21042 Source: Well Water
Date/ Time Collected: 2/23/2015 1405 Site: Pressure Tank
Date/Time Rec'd: 2/23/2015 1620 Treatment: None
Chlorine ppm: Free: ND Total: ND pH: 5.7
Collected By: C. Mooshian 7268CM Well #: HO-81-0303

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYST
Bacteria, Coliform, Total, MPN	<1.0 ✓	MPN/ 100 ml	<1.0	SM18 9223	2/24/2015 / 1030 / BCD
Bacteria, E. coli, MPN	<1.0 ✓	MPN/ 100 ml	<1.0	SM18 9223	2/24/2015 / 1030 / BCD
Nitrate	4.64 ✓	mg/L	10	601	2/24/2015 / 1330 / BCD
Turbidity	0.62	NTU	<10	SM18 2130B	2/24/2015 / 1330 / BCD
Sand	NS	mg/L	5	Visual/Gravimetric	2/24/2015 / 1330 / BCD

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 # : B14001340

Date Reported: 2/24/2015