

Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

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

May 13, 2013

Jae B. Shim and Lauren M. Shim
11187 Willow Green Way
Marriottsville, MD 21104

RE: **Order to connect to the public water system**
11187 Willow Green Way
Tax Map 10, Parcel 30, (Woodford's Grant II, Section 2, Area 1) Lot 13

Dear Mr. & Mrs. Shim,

The Howard County Health Department investigated a complaint you submitted by telephone on April 25, 2013. You stated that you have "a lot of sediment coming into the house" from your well (HO-94-1540). Continuing you stated that you have two sediment filters, a water softener, and a reverse osmosis system. You explained that this system has worked OK except when the filters clog, and concluded your complaint of poor water quality by stating that you now must change your water filter daily and sometimes twice a day.

Review of Health Department records for your property revealed that several water samples were obtained between April 22 and April 29, 2005 in order to issue an Interim Certificate of Potability for your well. Only in the sample obtained on April 29, 2005 did turbidity not exceed the permissible limit of 10 nephelometric turbidity units (NTUs).

Based on the aforementioned information, and the results of a raw water sample taken on April 30, 2013, sufficient evidence exists that the drilled well creates a condition that is considered a potential threat to public health as described in Howard County Code 12.105.

Therefore, pursuant to provisions of section 12.105 as amended by Council Bill 32-2002, you are hereby **ORDERED** to apply for the necessary permits and begin the process for connection to the public water system within fifteen (15) days of receipt of this letter. Contact Mr. Cal Brooks, (410) 313-4952, at the Department of Utilities for assistance. Barring any unusual processing delays or extreme weather conditions, connection to the public water system shall occur within thirty (30) days of receipt of this letter. Please contact the Bureau of Environmental Health if you cannot meet these deadlines.

In addition, upon connection to public water service you are required to immediately abandon the existing well, leaving it in such a way that it cannot be used or be a public health threat. This must be accomplished by abandonment and sealing of the well in conformance with Code of Maryland Regulation (COMAR) 26.04.04.11. The

well seal is to be performed by a Licensed Well Driller within 30 days following connection to public water.

This decision may be appealed to the Board of Health. If you choose to appeal, you shall file a written request to the Executive Secretary of the Board of Health (at the above address) within fifteen (15) days of receipt of this order.

Failure to comply with this order shall be grounds for enforcement action(s) as set forth in Section 12.110 of the Howard County Code.

If you have any questions or concerns about the content of this order and its requirements, contact Michael J. Davis (410) 313-1771.

Sincerely,



Maura J. Rossman, M.D.
Health Officer

Copy: Michael J. Davis, Assistant Director, Bureau of Environmental Health
Cal Brooks, Department of Utilities
Carl Katencamp, Real Estate Services
James M. Irvin, Director, Department of Public Works
Don Lieu, DPW Utility Design Division
Bert Nixon, Director, Bureau of Environmental Health
Jeff Welty, Deputy Chief, Bureau of Utilities, DPW
Executive Secretary, Board of Health

WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

OK
12/28/15 SC

DATE WELL ABANDONED: 8/19/2013 (month/day/year)

HO - 94 - 1540

* PERMIT NUMBER OF ABANDONED WELL (if any)

* PERMIT NUMBER OF REPLACEMENT WELL:

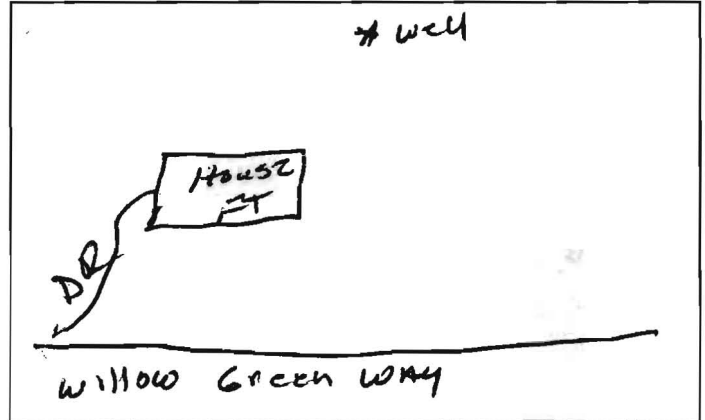
* PERSON ABANDONING WELL: Richard A. Crummitt WELL DRILLER'S LICENSE NUMBER: WR0014

CIRCLE: MWD / MSD / MGD

* OWNER'S NAME: JAE SHIM

* WELL LOCATION:
 COUNTY: HOWARD
 NEAREST TOWN: MARRIOTTSVILLE
 TAX MAP _____ BLOCK _____ PARCEL _____
 SUBDIVISION: _____
 SECTION: _____ LOT: _____
 STREET ADDRESS: 11187 Willow Green Way

SITE LOCATION MAP



LATITUDE 3 9.321919

LONGITUDE 7 6.903529

* TYPE OF WELL BEING ABANDONED:
 DRILLED JETTED
 BORED HAND DUG
 OTHER (specify) _____

LOG OF SEALING MATERIAL

* USE CODE:
 DOMESTIC MUNICIPAL/PUBLIC
 IRRIGATION INDUSTRIAL
 TEST/OBSERVATION GEOTHERMAL

MATERIAL	FEET	
	FROM	TO
Bentonite	93	2
Fill Dirt	2	0

* TYPE OF CASING:
 STEEL PLASTIC
 CONCRETE OTHER (specify) _____

SIZE OF CASING: 6 INCHES IN DIAMETER

DEPTH OF WELL: 93 FEET DEEP

WAS ANY CASING REMOVED? YES NO
 If yes, length removed, in feet: 3

WAS CASING RIPPED OR PERFORATED? YES NO

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE# George F. Easton 040

MWD / MSD / MGS 8-22-13 DATE

VOLUME OF MATERIAL USED
8 bags Bentonite

FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
4/24/13	<p>Karl Kattenkamp⁽⁴⁴¹⁰⁾, Real Estate Services, informs that 1187 Willow Green Way requests water connection to public water. Address not in planned Public Service District, but adjoining boundary.</p> <p>Jae Shim, 443-388-1849, claims Shimfamily4@gmail.com</p> <p>that well water has a lot of sediment.</p> <p>Karl Needs to know if we will issue an order for emergency connection of 1187 Willow Green Way to public water.</p> <p>P. Buckner</p>
4/25/13	<p>Speaking with Jae Shim, he states the following issues concerning his well water:</p> <ul style="list-style-type: none"> - has "a lot of sediment coming into the house" - has 2 sediment filters and water - softeners - switching out filter dailey - always sand at bottom of tub - "never drink water" ... sand is seen - in drinking vessels - tried reverse osmosis, works 'OK' until filters clog.

* Turbidity samples recommended. Bacteria analyses on initial sample. *reb*

Bricker, Robert

From: Cook, Kathleen
Sent: Thursday, May 09, 2013 8:50 AM
To: Bricker, Robert
Subject: 11187 Willow Green

Robert,

The turbidity result for this property was 76.4 NTUs (max is 10 NTUs) and both bacteria, taken from tank tap and bathroom faucet were free of bacteria.

Kathleen Cook, R.S.
Community Hygiene Program
7178 Columbia Gateway Drive
Columbia, MD 21046
410-313-2774 desk/443-995-2386 cell
410-313-2648 fax

CONFIDENTIALITY NOTICE

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Bricker, Robert

From: Katenkamp, Carl
Sent: Friday, May 10, 2013 3:29 PM
To: Bricker, Robert
Subject: FW: PSA for 11187 Willow Green Way

Bob, Per the below email string, Utilities has indicated that the water line was available and there should not be any problem connecting.

From: Campbell, Don F
Sent: Friday, May 10, 2013 10:34 AM
To: Campbell, Don F; Katenkamp, Carl
Cc: Lieu, Don; Welty, Jeff; Hackett, Tina; Brooks, Calvin; Rolls, Steve; Rose, Diana
Subject: RE: PSA for 11187 Willow Green Way

Carl,

Following our conversation, I need to correct the second paragraph of my earlier message which incorrectly states that the property must be accepted into the PSA. The applicable provision of the Howard County Code is 18.101 (a) (2). *
Below is an excerpt from Page 1-4 of the 2011 Water & Sewer Master Plan that provides a description of the process for connection:

“Parcels of land designated in the Howard County Master Plan for Water and Sewerage as in the “no planned service area” are not eligible for connection to the public water and/or sewerage system. However, parcels which the Health Department, Bureau of Environmental Health, under emergency circumstances, has ordered connected, are eligible for connection if the public system is available to the property. These parcels will not be incorporated into the Metropolitan District after connection, nor brought into the Planned Service Area. They are subject to the fees, assessments, and charges to finance the construction, operation, and maintenance of the public water and sewerage systems to the same extent as parcels in the Metropolitan District. These connections must be in accordance with section 18.101 of the Howard County Code.”

*Don Campbell, P.E.
Howard County DPW/Bureau of Utilities
Technical Services Division
8250 Old Montgomery Road, Columbia MD 21045
ph. 410.313.1438; fax 410.313.4919*

From: Campbell, Don F
Sent: Friday, May 10, 2013 9:05 AM
To: Katenkamp, Carl
Cc: Lieu, Don; Welty, Jeff; Hackett, Tina; Campbell, Don F; Brooks, Calvin; Rolls, Steve; Rose, Diana
Subject: FW: PSA for 11187 Willow Green Way

Carl,

An existing water main constructed under Contract 44-3706-D is available for 11187 Willow Green Way to connect for water service after the property is accepted into the PSA. The property currently has frontage that would allow connection to the main. Please see attached GIS map.

Please advise the property owner of the process for entering the PSA and Metropolitan District by Health Department order. Once the property is in the PSA, they may apply for a Water House Connection (WHC) through the Development Engineering Division at the DPZ front desk (Steve Rolls, Diana Rose). The property owner will be required to hire a

Howard County licensed utility contractor to install the connection. The homes in this development were constructed prior to the residential sprinkler regulations that were implemented in 2010, so a 1-inch WHC is the appropriate size.

I will send a copy of this message to DED as well as Cal Brooks of the Bureau of Utilities so that everyone knows that this application may be forthcoming.

*Don Campbell, P.E.
Howard County DPW/Bureau of Utilities
Technical Services Division
8250 Old Montgomery Road, Columbia MD 21045
ph. 410.313.1438; fax 410.313.4919*

From: Welty, Jeff
Sent: Friday, May 10, 2013 7:04 AM
To: Campbell, Don F
Subject: FW: PSA for 11187 Willow Green Way

Don,

Would you check the availability of water to this property and get back with Bob Bricker (see below) at the Health department? Thanks,

Jeff

From: Katenkamp, Carl
Sent: Thursday, May 09, 2013 4:39 PM
To: Welty, Jeff; Lieu, Don
Cc: Hackett, Tina
Subject: FW: PSA for 11187 Willow Green Way

Don & Jeff, The owner of 11187 Willow Green Way in Marriottsville contacted Jim Irvin's office about connecting to water service due to a bad well. He is just outside the planned service area so he contacted the Health Department about a possible mandatory connection. The Health Department has tested the water and thinks there is a need to order the connection but they wanted to make sure there is a line available and there would be no problem connecting before they issue an order. Can either of you look into this for Robert Bricker of the Health Department? The information on the property location is below:

Jae & Laura Shim
11187 Willow Green Way
Marriottsville, MD 21104
410 442-8226

From: Campbell, Don F
Sent: Tuesday, April 23, 2013 5:02 PM
To: Katenkamp, Carl
Cc: Campbell, Don F
Subject: PSA for 11187 Willow Green Way

Carl,
Our records show that 11187 Willow Green Way is a property just outside of the Planned Service Area as shown on the attached view of the master plan map.

Don Campbell, P.E.