

## Well monitoring

To advertise in Warren County Report:

Contact Alison at [alisond@warrencountyreport.com](mailto:alisond@warrencountyreport.com) • 540-551-2072

or Angie Buterakos at [angie@warrencountyreport.com](mailto:angie@warrencountyreport.com) - 540-683-9197

# E-coli and coliform bacteria found in residential wells

## County-sponsored extension service analysis shows need for monitoring

By Malcolm Barr Sr.  
Warren County Report

Several weeks ago, we responded to an invitation signed by Warren County executive Douglas Stanley to what amounted to a seminar on the quality - or lack of it - of well water serving residents of the county with

sample analyses being offered by Virginia Tech's cooperative extension service. All county residents with wells were invited; less than 50 gathered at the government building in Front Royal to learn about well water and left two hours later with sample jars to be filled and returned the following day. Cost of the analysis was

about \$40.

It's been 10 years since we moved into our home in Rockland. During that time, we've often made reference between ourselves - my wife Carol and me - and to out of town visitors who mostly remarked on what our water did for a good bourbon or scotch on the rocks without

the chlorine and fluoride taste from most metropolitan water supplies. The water tested pure when we moved in, in 2002. A month after delivering the test samples in July 2012 we got the unexpected result:

POSITIVE FOR E. COLI BACTERIA and another less serious contamination called coliform.

Since neighbors living a half mile or more away along Rockland Road confided they also got a positive coliform report we thought we should alert the scores (maybe hundreds?) of other well water users to the dangers that may be lurking (in our case, 600 feet) below ground. We do not know how the others of our fellow attendees at the seminar tested out. In a private report to us, the university advises and cautions: "Analysis coordinated by Water Quality Labo-

ratory, Dept. of Biological Systems Engineering, Virginia Tech, Blacksburg, VA. The information provided is for the exclusive use of the homeowner and should not be used as official documentation of water quality. This material is based upon work supported by the U.S. Department of Agriculture Extension Service."

So, for the record, the above information we have shared is not being used as "official documentation."

My point to our fellow residents of Warren County who get their water from drilled wells is to be sure their water is pure. Suffice to say we immediately contacted one of the local experts on water purification, Arnold Culligan, a fellow Rotarian. Arnold agreed to check us out and make recommendations of how to correct our particular situation a few days after



**DOWNTOWN FRONT ROYAL, INC.**  
IS PROUD TO PRESENT

# Dancin' Downtown!

*Saturday, September 1*  
**6:00pm - 10:30pm**

*A Night of Classic Blues Featuring...*

# Texas Chainsaw Horns

Admission will be \$5.00 per person (children under 10 free)  
Food provided by Local Vendors  
Beverages by Virginia Eagle Distributing

For more information, please visit: [www.downtownfrontroyal.org](http://www.downtownfrontroyal.org)  
Special Thanks to Crim's Trailers

\*Proper ID required for purchase of alcoholic beverages. Persons 15 years of age and under must be accompanied by an adult at all times. No pets allowed. No coolers permitted.

**(540) 635-2156**



**2009 Chevy Malibu LS**  
cruise, cd player, GM Cert.  
Only 10K Miles  
# 601251 **\$16,887**



**2012 Chevy Sonic LTZ**  
man. trans., sunroof, 1.4L Turbo  
Only 2K Miles  
# 30840 **\$18,350**



**2008 Chevy Silverado 2500**  
4X4, crew cab, 6.6L Turbo Diesel  
Only 85K Miles  
# 601082 **\$31,870**



**2007 Cadillac DTS**  
leather, sunroof, htd./cld. seats  
Only 49K Miles  
# 30839 **\$20,340**

Ask about our **Guaranteed Credit Approval** 



**JACK EVANS**  
CHEVROLET  
9 Commerce Avenue • Front Royal, VA 22630  
Tax, tags, title extra, plus \$95 processing fee.



To advertise in Warren County Report:

Contact Alison at [alisond@warrencountyreport.com](mailto:alisond@warrencountyreport.com) • 540-551-2072  
or Angie Buterakos at [angie@warrencountyreport.com](mailto:angie@warrencountyreport.com) - 540-683-9197

Labor Day. Meanwhile, we stocked up on bottled H2O pending his arrival.

It was explained at one of the two information sessions by the Virginia Tech people the coliform bacteria, found in decaying vegetation and the digestive systems of animals, does not cause disease "but they are indicators of the possible presence of disease bacteria."

"Their presence in drinking water points to the need for additional testing," the report goes on to say. Then

things become more dire.

"A positive E.coli result is much more serious than coliform bacteria alone because it indicates that human or animal waste is entering the water supply." That was us, and we were urged to "take immediate steps to address the problem, even if your family has not suffered ill effects thus far."

We haven't, but hopefully Arnold will have the answer and tell us what we must do. Meanwhile, we are advised to boil all drinking and cooking

water for a full minute if we continue to use the faucets for those purposes. Virginia Tech recommends continuous disinfection by ultraviolet light, continuous chlorination, or ozonation, among other treatments. Maybe most of our neighbors are doing this; frankly, we never previously gave it a thought.

We hope Arnold recommends the ultraviolet treatment. We are warned it may be more expensive, but that it won't spoil the taste of our future bourbons or scotches!

More people begin and end their day with us



**540-667-2224**

## Well monitoring

**NOW OPEN**



# THUNWA THAI CUISINE

First Thai Restaurant in the Front Royal Area!!  
~ Located at Quality Inn ~  
**10 South Commerce Ave**  
**540-631-0616**  
Open Everyday 11am ~ 10pm  
Serving Lunch & Diner • Carry Out or Dine In

**Lunch Special Menu \$7.25 ~ 11-4pm**  
10% off orders of \$15 or more  
-- OR --  
\$5 off orders of \$35 or more  
(must present coupon - exp. 9/30/12)




## Rib Night is BACK!!!

**Every Thursday!**  
**1/2 Rack ~ \$11.99**  
**Full Rack \$14.99**  
w/ slaw and 1 side



## NFL Sunday Ticket

Come & watch your favorite team on our huge 46" Wide Screen TV's

**Friday Acoustic Entertainment**  
**6-9 pm**  
**royaloaktavern.net**

**Game Time Wing Specials & MORE!!**

**~ Special Lunch menu ~**  
**Now available from 11-2**  
**Monday thru Friday**  
(Dine-in Only)

**540.551.9953 • 101 W. 14th St. Front Royal**



**NOW OPEN!**



# CUT-N-UP

*Hair-Salon*

**316 AMHERST ST.**  
**FRONT ROYAL, VA**

**JAMI DOFFLEMYER**  
**540-313-1671**

**CALL FOR APPT!**

