

Villegas, Samantha

From: Samantha Villegas [svillegas@loudounwater.org]
Sent: Friday, September 25, 2009 2:15 PM
To: Villegas, Samantha
Subject: News from Loudoun Water

Having trouble viewing this email? [Click here](#)

You're receiving this email because of your relationship with Loudoun Water. Please [confirm](#) your continued interest in receiving email from us.

You may [unsubscribe](#) if you no longer wish to receive our emails.



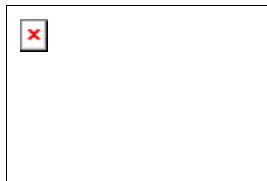
Raspberry Falls Water Notes

Spread the news -- Let your neighbors know they can sign up for this newsletter by visiting the **@Home in Raspberry Falls** website at <http://raspberryyfalls.org/>.

Citizen Advisory Group - At Work for You

Early this month, the Community Systems Citizen Advisory Group played host to Jamie Emery, President of Emery & Garrett Groundwater. Emery serves both private and public companies in 25 counties throughout Virginia; and from Georgia to Quebec along the East Coast. He is appointed to the Water Resources Technical Advisory Committee by the Loudoun County Board of Supervisors.

Emery performed the original well studies for all communities except Raspberry Falls, and has been retained by Loudoun Water to re-examine the well yields at each of the communities and to review the original hydro studies pertaining to Raspberry Falls. In addition to examining well yields across all community systems, Emery has worked with Loudoun Water to identify potential replacement wells at Raspberry Falls.



In examining the well yields, Emery will seek to determine how much the wells can sustain. The usage and groundwater response that has been observed during the past several years will be assessed to determine if the original recommendations for sustainable yield are still valid.

During his visit to the Citizen Advisory Group, Emery presented on the impact of sustainable yield on permitted capacity. Emery explained the

In This Issue

[Citizen Advisory Group](#)

[Water Supply Update](#)

[Monitoring Protocol Changes](#)

[Sign up for EFT](#)

[Sign up for EFT](#)

Visit Customer Service to learn more about Electronic Funds Transfer.

View past and current statements with MUNIS self service.

Make automatic bill payments through your bank - one less worry!

difference between groundwater and surface water and spoke about the Karst and bedrock geology within Loudoun County. Topics discussed include methodology for establishing sustainable yield, hydrologic cycle and other factors impacting groundwater recharge, recharge impact on availability, and groundwater monitoring programs performed during pumping tests.

The Citizen Advisory Group is a forum to address issues related to all Community Systems. Loudoun Water staff and guest speakers will address topics that include system design capacity, demand management, landscape and irrigation, and rate structure. Plans are to schedule an early October meeting to look at Community Systems' budget and invite a representative from the Loudoun County Department of Health to discuss septic fields.

The Citizen Advisory Group is your opportunity to voice your opinion and get answers to your questions. Raspberry representatives on the Citizen Advisory Group can be reached at:

Maryanne Chalmers: ma.chalmers@gmail.com

Holly Krauss: HKrauss70@aol.com

Scott Lutz: srlutz1@gmail.com

Laura Maschler: lmachler@weichert.com

Quick Links

[Access My Account](#)

[Customer Service](#)

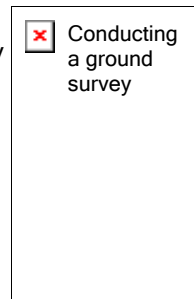
[Community Systems](#)

[Contact Us](#)

Water Supply Update

On September 2, 2009, the State Department of Health made its formal determination of the Raspberry Falls water supply. The State has three possible designations to choose from based on reviewing water quality data:

1. Groundwater Under Direct Influence (GUDI) of surface water
2. Groundwater at risk
3. Groundwater



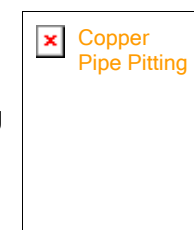
Upon review of all of the data and information submitted to them, the State has determined your water to be Groundwater. This determination signifies that there is no public health or regulatory need to seek a new well or install additional treatment. The current form of treatment, disinfection with chlorine, is adequate to meet all federal and state standards for safe drinking water.

Despite this news, Loudoun Water continues to meet with representatives from Raspberry and the developer to formulate a long-term solution that will alleviate fear and minimize risk of contamination. Under consideration are a new well or a treatment plant. Both options include the addition of storage, which will provide greater redundancy and reliability of service during emergencies or drought conditions.

Monitoring Protocol Changes

For the past 16 months or so, while we were investigating whether your well was under the influence of surface water, we followed this monitoring protocol:

- Maintain a chlorine residual of at least 2 ppm in



the treated water

- Test the raw source water at least 2 times a week for bacteria
- Test the finished, treated water 2 times a week for bacteria
- Shut off the well when total coliform counts in the source water exceeded 100/100mL or when E. coli in source water exceeded 4 counts/100 mL

With the designation by the State of your water as Groundwater, we are amending the protocol to the following:

- Maintain a chlorine residual of at least 1.2 ppm
- Test the raw source water 1 time a week for bacteria
- Test the finished, treated water 1 time a week for bacteria
- Shut off the well when total coliform counts in the source water exceeded 200/100mL or when E. coli in source water exceeded 5 counts/100 mL

As a note, with this determination, the State is only requiring bacteria testing once per month and is not requiring the well to be shut off when coliform levels rise (because chlorine disinfection adequately kills coliform bacteria).

We Welcome Your Comments

We hope you found this new e-newsletter to be interesting and informative. We look forward to keeping you up-to-date on the latest happenings at Loudoun Water, and would like to hear from you on how we are doing. We invite you to contact us at svillegas@loudounwater.org.

Warmest Regards,

Samantha Villegas, APR
 Manager of Communications
 Tel 571.291.7942 | Fax 571.223.2910
www.loudounwater.org



[Forward email](#)

✉ **SafeUnsubscribe®**

This email was sent to svillegas@loudounwater.org by svillegas@loudounwater.org.
[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Email Marketing by



Loudoun Water | 44865 Loudoun Water Way | PO Box 4000 | Ashburn | VA | 20146