

**IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER
RALEIGH COUNTY PSD PLUTO BRAGG, WV3304152**

RALEIGH COUNTY PSD PLUTO BRAGG found elevated levels of lead in drinking water in some homes/buildings. Lead can cause serious health problems, especially for pregnant women and young children. Please read this information closely to see what you can do to reduce lead in your drinking water.

Health effects of lead.

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development

Sources of Lead:

Lead is a common metal found in the environment. The main sources of lead exposure are lead-based paint and lead-contaminated dust or soil, and some plumbing materials. In addition, lead can be found in certain types of pottery, pewter, brass fixtures, food, and cosmetics. Other sources include exposure in the work place and exposure from certain hobbies (lead can be carried on clothing or shoes). Brass faucets, fittings, and valves, including those advertised as "lead-free," may contribute lead to drinking water.

Steps to reduce their exposure to lead in drinking water:

- **Run your water to flush out lead.** Flush for 15-30 seconds, if your water has been sitting for several hours
- **Use cold water for cooking and preparing baby formula.** Lead dissolves more easily into hot water.
- **Do not boil water to remove lead.** Boiling water will not reduce lead.
- **Look for alternative sources or treatment of water.**
- **Test your water for lead.** Call us to find out how to get your water tested for lead.
- **Get your child's blood tested.** Contact your local health department or healthcare provider to find out how you can get your child tested for lead, if you are concerned about exposure.
- **Identify and replace plumbing fixtures containing lead.** Brass faucets, fittings, and valves, including those advertised as "lead-free," may contribute lead to drinking water. Visit the NSF Web site at www.nsf.org to learn more about lead-containing plumbing fixtures.

What happened? What is being done? (Describe corrective action)

Please see attached document.

For more information, please contact RCPSD at 3046834090. For more information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's Web site at <http://www.epa.gov/lead> or contact your health care provider.

This notice is being sent to you by: **RALEIGH COUNTY PSD PLUTO BRAGG**

State Water System ID #: **WV3304152**

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The Raleigh County Public Service District

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Violation 2019-14 (Lead)

What happened?

Pluto Bragg water system is a new system that has been in existence since 2017. It was installed using plastic pipes & lead-free fittings. Upon standards set forth by the EPA, we are to conduct water sampling from different homes to check the lead and copper levels in those homes. Samples are pulled at specific homes approved by the Health Department. These samples are taken by the customer.

The samples taken in October 2018 were above lead action level, which requires public notification. The action level is .015 MGL, the 90th percentile for the Pluto Bragg system was .022. Another set of samples were taken in February 2019 and the 90th percentile for the system was .008, which is below the action level.

What is being done?

The Raleigh County Public Service District is following all guidelines set forth by the Health Department to make all customers within that system aware of the effects of lead, sources of lead, and steps to reduce exposure to lead.