

NOTICE TO CONSUMERS
of the Louisa County Water Authority WATERWORKS

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

LRAA PMCL Exceedance for Disinfection Byproducts - HAA5s under Stage 2 Rule

Our water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what happened and what we did (are doing) to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Testing results from the 3rd Quarter of 2025 show that our system exceeds the standard, or maximum contaminant level (MCL), for HAA5 and TTHM. The standard for HAA5 is 0.060 mg/L and the standard for TTHM is 0.080 mg/L. It is determined by averaging all the samples collected at each sampling location for the past 12 months. The level of HAA5 averaged at one of our system's locations for the 3rd quarter 2025 was 0.066 mg/L and the level of TTHM averaged at one of our system's locations for the 3rd quarter 2025 was 0.084 mg/L.

What should I do?

- There is nothing you need to do. You do not need to boil your water or take other corrective actions. If a situation arises where the water is no longer safe to drink, you will be notified within 24 hours.
- If you have a severely compromised immune system, have an infant, are pregnant, or are elderly, you may be at increased risk and should seek advice from your health care providers about drinking this water.

What does this mean?

This is not an emergency. If it had been, you would have been notified within 24 hours.

HAA5s are five haloacetic acid compounds which form when disinfectants, react with natural organic matter in the source water—from the Northeast Creek Reservoir.

When determining lifetime exposure risk, drinking water regulations assume an adult will consume 2 liters per day and children will consume 1 liter per day over the course of 70 years. This means people who drink water containing haloacetic acids in excess of the PMCL over many years may have an increased risk of getting cancer.*

What is being done?

The Northeast Creek water treatment plant experienced equipment breakdown in the nanofiltration treatment system and a breakdown of an original early 1980s filtration system. The nanofiltration treatment system provides a high level of organic matter removal which reduces the formation of HAA5s in the distribution system.

LCWA has been working diligently to rebuild the 1980s filtration system and make extensive repairs to the nanofiltration system. The anticipated completion of the repairs is November 2025.

We will continue to monitor HAA5 levels during quarterly routine sampling. We will also conduct an Operational Evaluation Level (OEL) study to further investigate the increased sampling data.

For more information, please contact Pam Baughman at 540-967-1122 or 23 Loudin Ln, Louisa, VA, 23093.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Town of Louisa. State Water System ID#: 2109450. Date distributed: [9/5/2025](#).