Town of
LONGMEADOW, MASSACHUSETTS

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Incorporated 1783

DEPARTMENT OF PUBLIC WORKS

Date of Issuance 8/31/2022

IMPORTANT INFORMATION ABOUT YOUR DRINKINING WATER
Disinfection Byproduct (DBP) MCL Violation

The Town's water system (PWS ID# 1159000) recently violated two drinking water standards. Although these incidents were not an emergency, as our customers, you have a right to know what happened and what we are doing to correct the situation.

The Town routinely monitors for the presence of drinking water contaminants. Testing results from August 8, 2022 showed that our system exceeded the standards or maximum contaminant level (MCL) established by the drinking water regulations for Total Trihalomethanes (TTHM) at four sampling locations and for Haloacetic Acids (HAA5) at one sampling location. The MCL for TTHM is 80 parts per billion (ppb) and the MCL for HAA5 is 60 parts per billion (ppb) calculated as a 12-month running average of quarterly samples. The averages for the monitoring period November 2, 2021 to August 1, 2022 are in the tables below

TTHM

TTHM Sample Locations	MCL	LRAA Q2/22	Readings in LRAA (Q4/21, Q1/22, Q2/22, Q3/22)	Most Recent Sample Result
Twin Hills Country Club	**80 µg/L (TTHM)**	92 µg/L	75, 94, 97, 101 µg/L	101 µg/L
Longmeadow Police Dept.	**80 µg/L (TTHM)**	89 µg/L	71, 98, 88, 101 µg/L	101 µg/L
Berkshire Bank	**80 µg/L (TTHM)**	91 µg/L	78, 98, 87, 102 µg/L	102 µg/L
Council on Aging	**80 µg/L (TTHM)**	92 µg/L	76, 103, 95, 92 µg/L	92 µg/L

HAA5

HAA5 Sample Location	MCL	LRAA Q2/22	Readings in LRAA (Q3/21, Q4/21, Q1/22, Q2/22)	Most Recent Sample Result
Berkshire Bank	**60 µg/L (HAA5)**	66 µg/L	35, 73, 75, 81 µg/L	81 µg/L

Longmeadow has experienced elevated TTHM and/or HAA5 during several quarters since 2017.

What does this mean?

This is not an emergency. If it were an emergency, you would have been notified within 24 hours. HAA5 are five Haloacetic acid compounds and TTHMs are four volatile organic compounds which form when disinfectants (chlorine) react with natural organic matter in the water. Because these compounds (HAA5) and TTHM) are formed during disinfection process they are known as disinfectant by-products (DBP).

People who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer. **And**
People who drink water containing Haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

What should I do?
There is nothing you need to do. YOU DO NOT need to boil 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.

However, 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 our water.

For more information about DBPs, please visit the following links:
https://www.mass.gov/service-details/haa5-in-drinking-water-information-for-consumers and
https://www.mass.gov/service-details/tthm-in-drinking-water-information-for-consumers .

WHAT IS BEING DONE TO CORRECT THE DBPs ISSUES?
Longmeadow DPW is in ongoing communication with the Springfield Water and Sewer Commission, which treats the drinking water. As a permanent solution, the Commission has begun rapidly advancing the design of a new drinking water treatment plant. The Commission is also working on repairs needed for its aged water treatment plant and transmission main from Cobble Mountain Reservoir.
Design and construction of a new treatment plant will ensure that the plant will meet 21st century standards for regulatory compliance, water quality, and reliability. Until the new treatment plant is fully online, the Commission expects there will continue to be exceedances of the MCL for DBPs. Customers will receive notification any time there is an exceedance.

Longmeadow has completed its Tracer Study and finalized the Engineering Report. Findings were that we have a water age issue at the far end of Town (by the water tower). We will be looking into adding automatic hydrant flushing units and a drinking water storage tank mixer.

Progress of West Parish Filters Water Treatment Plant Upgrades:

- Design of the new water treatment plant is underway and on schedule. Construction of the new treatment plant is scheduled to start in 2024 and expected to be complete by December 2027.
- Phase 1 construction of other important plant upgrades began in December 2021.

The Commission is advancing all plant upgrades on an accelerated schedule.

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.

If you have any questions, please contact the Longmeadow Water Department at (413) 567-3400 or more information will be on the Town website.

This notice is being sent to you by: PWS ID#
Longmeadow Water Department 1159000