IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Las Vegas (City Of) Has Levels of Total Trihalomethanes above Drinking Water Standards

Our water system recently violated a drinking water standard. Although **this is not an emergency**, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Annual average of our testing results show that our system exceeded the standard or maximum contaminant level (MCL), for Total Trihalomethanes during the 4th quarter of 2023. The standard for Total Trihalomethanes is 0.080 mg/L. The Running Annual Average level of Total Trihalomethanes in the fourth quarter is shown in the table below:

Sample Location	Sample Date	Quarter & Year	TTHM LRAA (mg/L)
TTHM-2, MIKES PRECISION	11/6/2023	4Q2023	0.082

What should I do?

- There is nothing you need to do. You do not need to boil your water or take corrective actions. However, if you have specific health concerns, consult your doctor.
- 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?

The City's water is safe. This is not an emergency. If it had been, you would have been notified within 24 hours. However, some people who drink water containing Total Trihalomethanes in excess of the MCL **over many years** may have an increased risk of cancer. Additionally, some people who drink water containing Total Trihalomethanes in excess of the MCL **over many years** may experience problems with their liver, kidneys or central nervous systems.
The city takes samples at four sites around the community each quarter. One of the sites, near the former Mikes Precision, has a running annual average 0.002 mg/L over the standard. The Running Annual Average is the average of each of the last four samples taken at the site.

What is being done?

Due to the Hermits Peak/Calf Canyon fire, our receiving streams (raw water) contain increased amounts of Total Organic Carbon (TOC) and Dissolved Organic Carbon (DOC). Sodium hypochlorite is used in the treatment of water to kill disease-causing microorganisms. Trihalomethanes (TTHM) are a group of chemicals that can form when organic matter in water (TOC's or DOC's) are treated with disinfectants. Currently Water Treatment Plant Staff are using the least amount of Sodium Hypochlorite while still maintain adequate levels of disinfection residual and are working with our engineers on reducing TTHM's using improved techniques and technology such as but not limited to: jar testing, enhanced coagulation, changes in operations, installation of new equipment, and additional treatment. In addition, as the temperature becomes colder there can be a reduction in TTHM's. Increased TTHM's may continue for a while. The city will continue working on addressing the removal of TOC's, DOC's, and the reduction of TTHM's. The TTHM RAA trends for this location have been dropping from 0.087 mg/L in the 2nd quarter to 0.085 mg/L in the 3rd quarter to 0.082 mg/L in the 4th quarter. The goal is to be under 0.080 mg/L for the running annual average.

For more information, please contact:
Maria Gilvarry at Gilvarrym@lasvegasnm.gov
505-454-3832 or 505-398-6056
Las Vegas (City Of), NM3518025
905 12th Street, Las Vegas, NM 87701

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.*

T
2/28/2024