

PUBLIC NOTICE

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Total Trihalomethanes (TTHM) Above Drinking Water Standards

Dear Valued Customer,

We want to share important news about your water quality. Our water system recently exceeded 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 to correct this situation.

We routinely monitor our water supply for the presence of drinking water contaminants. Testing results received on October 11th show that one of our samples exceeded the standard, or maximum contaminant level (MCL), for total trihalomethanes (TTHM). The MCL standard for TTHMs is 0.080 milligrams per liter (mg/L). It is determined by averaging all the samples collected at each sampling location for the past 12 months. The average level of TTHMs over the last year was 0.135. All prior samples at this site during the past year were far below the MCL.

What happened / What is being done?

The Village of Frankfort's drinking water is disinfected with chlorine to kill bacteria. In addition to testing for bacteria in the distribution system, the water is also tested quarterly, at four sites throughout the distribution system for the presence of byproducts related to the disinfection process. The EPA sets standards for maximum levels of both disinfectants and disinfection byproducts (DBP's) in drinking water. Trihalomethanes are a byproduct of the water treatment process. They are formed when natural organic material reacts with chlorine used to treat the water.

Recent sample results indicate that our system exceeded the maximum contaminant level for TTHMs at one of four sampling locations. Village of Frankfort water operators attribute the rise in TTHMs to temporary factors including ongoing maintenance and system repairs that were occurring at the time the sample was taken. Please note, this does not present an immediate health risk, however, we acted swiftly to lower TTHM levels and minimize any long-term exposure risks. In response, the Village of Frankfort's water operators intensified flushing efforts in the affected area and adjusted chlorine feed rates. Following these efforts additional samples were taken at the subject site and the TTHM levels were again back below the MCL. Please note that due to the rolling average calculation of TTHMs, it may take several quarters for the average to return below the MCL, even if subsequent samples revert to their historically lower levels.

What does this mean?

Please rest assured this is not an emergency. If it had been an emergency, you would have been notified immediately.

Although not an immediate risk to your health we believe in complete transparency. Long-term exposure to elevated TTHM levels could pose health concerns such as issues with the liver, kidneys, central nervous system, and an increased risk of cancer.

What should I do?

There is nothing you need to do. You do not need to use an alternative water supply (e.g. bottled water) however, if you have specific health concerns, consult your doctor. For any questions or further information, our Village of Frankfort Utility Department is just a phone call away at (815) 469-2177, and you can also visit us at 432 W. Nebraska Street, Frankfort IL, 60423.

This notice is being sent to you by the Village of Frankfort – Water System ID# IL1970400 – Distributed 11/1/2023

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.

PUBLIC NOTICE

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Total Haloacetic Acids (HAA5) Above Drinking Water Standards

Dear Valued Customer,

We want to share important news about your water quality. Our water system recently exceeded 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 to correct this situation.

We routinely monitor our water supply for the presence of drinking water contaminants. Testing results received on October 11th show that one of our samples exceeded the standard, or maximum contaminant level (MCL), for total haloacetic acids (HAA5). The MCL standard for HAA5 is 0.060 milligrams per liter (mg/L). It is determined by averaging all the samples collected at each sampling location for the past 12 months. The average level of HAA5 over the last year was 0.061. All prior samples at this site during the past year were far below the MCL.

What happened / What is being done?

The Village of Frankfort's drinking water is disinfected with chlorine to kill bacteria. In addition to testing for bacteria in the distribution system, the water is also tested quarterly, at four sites throughout the distribution system for the presence of byproducts related to the disinfection process. The EPA sets standards for maximum levels of both disinfectants and disinfection byproducts (DBP's) in drinking water. Haloacetic acids are a byproduct of the water treatment process. They are formed when natural organic material reacts with chlorine used to treat the water.

Recent sample results indicate that our system exceeded the maximum contaminant level for HAA5 at one of four sampling locations. Village of Frankfort water operators attribute the rise in HAA5 to temporary factors including ongoing maintenance and system repairs that were occurring at the time the sample was taken. Please note, this does not present an immediate health risk, however, we acted swiftly to lower HAA5 levels and minimize any long-term exposure risks. In response, the Village of Frankfort's water operators intensified flushing efforts in the affected area and adjusted chlorine feed rates. Following these efforts additional samples were taken at the subject site and the HAA5 levels were again back below the MCL. Please note that due to the rolling average calculation of HAA5, it may take several quarters for the average to return below the MCL, even if subsequent samples revert to their historically lower levels.

What does this mean?

Please rest assured this is not an emergency. If it had been an emergency, you would have been notified immediately.

Although not an immediate risk to your health we believe in complete transparency. People who drink water containing HAA5 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 use an alternative water supply (e.g. bottled water) however, if you have specific health concerns, consult your doctor. For any questions or further information, our Village of Frankfort Utility Department is just a phone call away at (815) 469-2177, and you can also visit us at 432 W. Nebraska Street, Frankfort IL, 60423.

This notice is being sent to you by the Village of Frankfort – Water System ID# IL1970400 – Distributed 11/2/2023

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.