

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

We routinely monitor for the presence of drinking water contaminants. 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.

Comanche Public Works Authority Has Levels of Total Trihalomethanes (TTHMs) Above Drinking Water Standards

Testing results we received for **APRIL 2021 THROUGH MARCH 2022 and JULY 2021 THROUGH SEPTEMBER 2022** show that our system exceeded the standard or maximum contaminant level (MCL), for total trihalomethanes. The standard or MCL for total trihalomethanes 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 trihalomethanes averaged at our system's locations was **0.130 and 0.107 mg/L and 0.130 and 0.135 at Comanche Lake and 0.112 and 0.117 at Jackson Park.**

What should I do? There is nothing you need to do unless you have a severely compromised immune system, have an infant, or are elderly. These people may be at increased risk and should seek advice about drinking water from their health care providers.

What does this mean? This is not an emergency. If it had been, you would have been notified immediately. However, some people who drink water containing trihalomethanes more than 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.

What happened? What is being done? Due to storage of water in the system for an extended amount of time, more natural occurring organics are present causing more chemical and chlorine to be used. The chlorine is reacting with the natural organics increasing the total trihalomethanes. Last year, we implemented a new treatment of injecting powdered activated carbon into the raw water at the clarifier to help decrease the average total trihalomethanes. We also purchased and installed mixers for the water tower at Texas Avenue that fell short of expectations. **We have worked with DEQ and multiple engineers over the past few years on solutions. The best solution is to remove chlorine from our system. The upgrade and modifications for the water plant cost roughly \$200,000. Howard Construction has completed these upgrades and modifications. We have been processing water through the upgraded system since October. We must have one (1) year of averages less than or equal to 0.080 mg/L before we are in compliance and relieved of the Consent Order.**

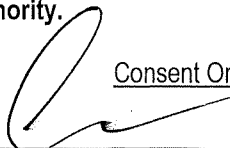
For more information, please contact Chuck Ralls at Comanche City Hall, 439-8832.

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, distributing copies by hand or mail, or directing people to our website at www.cityofcomanche.com.

This notice is being sent to you by the **Comanche Public Works Authority.**

PWSID#: OK1011101

Date distributed: January 26, 2023

Signed:  Consent Order, Case No. 16-275
City Manager