

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) and Total Organic Carbons (TOCs) Above Drinking Water Standards

Testing results we received for the 2ND Quarter of 2023 show that our system **WAS IN COMPLIANCE OF THE STANDARD OR MAXIMUM CONTAMINANT LEVEL (MCL)**, for total trihalomethanes and total organic carbons. Second quarter results were .0722 at Jackson Park and .0706 at Comanche Lake. We are still out of compliance on our rolling annual average. The standard or MCL for TTHMs is 0.080 mg/L. The level of trihalomethanes averaged at our system's locations was **0.108 mg/L at Comanche Lake and .129 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 reacts with 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, but now we are working with engineers to create a polymer mixture that will bring us into compliance. We have been processing water through the upgraded system since October 2022. We must have one (1) year of TTHM 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

Consent Order, Case No. 16-275A

Date distributed: August 24, 2023

Signed:  City Manager