# 2025 Annual Drinking Water Quality Report

(Consumer Confidence Report)

## GUM CREEK WSC

***Phone Number: 903-589-1899*** ***www.gumcreekwater.com***

### Required Information

It is a Texas Commission on Environmental Quality (TCEQ) requirement to provide this information.
You may be more vulnerable than the general population to certain microbial contaminants, such as Cryptosporidium, in drinking water. Infants, some elderly or immunocompromised persons such as those undergoing chemotherapy for cancer; those who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care provider. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline at (800) 426-4791.

### Public Participation Opportunities

Water Board Meeting dates are To Be Determined. To learn about future meetings (concerning your drinking water), please call us at 903-589-1899. Este informe incluye información importante sobre el agua potable. Si tiene preguntas o comentarios sobre este informe en español, favor de llamar al tel. 903-589-1899 para hablar con una persona bilingüe en español.

### Our Drinking Water is Regulated

This report is a summary of the quality of the water we provide our customers. The analysis was made by using the data from the most recent U.S. Environmental Protection Agency (EPA) required tests and is presented in the attached pages. We hope this information helps you become more knowledgeable about what's in your drinking water.

### Source of Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPAs Safe Drinking Water Hotline at (800) 426-4791.

Contaminants that may be present in source water include:

- Microbial Contaminants - such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic Contaminants - such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and Herbicides - which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic Chemical Contaminants – including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.
- Radioactive Contaminants – which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than the general population. Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. GUM CREEK WSC is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact GUM CREEK WSC at 903-589-9988. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at https://www.epa.gov/safewater/lead.

## Where do we get our drinking water?

Our drinking water sources and source water assessment information are listed below:

| Source Name | | Type of Water | Report Status |
|---|---|---|---|
| Well 1 - 2540 CR 3216 | 2540 CR 3216 | Ground water | Primary source |
| Purchased water from the City of Jacksonville | I/C WITH TX0370002 | Surface water | Secondary source |

The TCEQ has completed a Source Water Assessment for all drinking water systems that own their sources. The report describes the susceptibility and types of constituents that may come into contact with your drinking water source based on human activities and natural conditions. The system(s) from which we purchase our water received the assessment report. For more information on source water assessments and protection efforts at our system, contact Sammy Grimes at 903-589-1899. Source water assessment information is available on Texas Drinking Water Watch at https://dwv.tceq.texas.gov/

## Lead Service Line Inventory

We have developed a service line inventory. To access the inventory, please contact our office at (903) 589-1899 or by email at gumcreekwater@gmail.com if you would like more information.

## ALL drinking water may contain contaminants.

When drinking water meets federal standards there may not be any health-based benefits to purchasing bottled water or point of use devices. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (1-800-426-4791).

## Secondary Constituents

Many constituents (such as calcium, sodium, or iron) which are often found in drinking water, can cause taste, color, and odor problems. The taste and odor constituents are called secondary constituents and are regulated by the State of Texas, not the EPA. These constituents are not causes for health concern. Therefore; secondaries are not required to be reported in this document but they may greatly affect the appearance and taste of your water.

In the tables below, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we've provided the following definitions:

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.
Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
Maximum residual disinfectant level goal or MRDLG: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
Maximum residual disinfectant level or MRDL: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water.
Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Avg: Average - Regulatory compliance with some MCLs are based on running annual average of monthly samples.
RAA: Running Annual Average.
LRAA: Locational Running Annual Average.
mrem: millirems per year (a measure of radiation absorbed by the body).
ppb: micrograms per liter (ug/L) or parts per billion - or one ounce in 7,350,000 gallons of water.
ppm: milligrams per liter (mg/L) or parts per million - or one ounce in 7,350 gallons of water.
picocuries per liter (pCi/L): picocuries per liter is a measure of the radioactivity in water.
na: not applicable.

**Inorganic Contaminants**

| Collection Date | Contaminant | Highest Sample | Range of Samples | MCLG | MCL | Unit of Measure | Violation | Source of Contaminant |
|---|---|---|---|---|---|---|---|---|
| 2025 | Nitrate | 0.0259 | 0.0259 | 10 | 10 | ppm | N | Run-off from fertilizer: Erosion of natural deposits, |
| 2020 | Nitrite | <0.01 | N/A | 1.0 | 1.0 | ppm | N | Run-off from fertilizer: Erosion of natural deposits, |
| 2014 | Cyanide | 9.57 | 0-9.57 | 200 | 200 | ppb | N | Discharge from plastic and fertilizer factories; Discharge from steel/metal factories. |

**Maximum Residual Disinfectant Level**

| Year | Disinfectant | Average Level | Minimum Level | Maximum Level | MRDL | MRDLG | Unit of Measure | Source of Disinfectant |
|---|---|---|---|---|---|---|---|---|
| 2025 | Chlorine | 1.36 | 1.0 | 1.8 | 4 | 4 | ppm | Disinfectant used to control microbes. |

## Coliform Bacteria

| Maximum Contaminant Level Goal | Total Coliform Maximum Contaminant Level | Highest # of Positive | Fecal Coliform or E. Coli Maxi. Contaminant Level | Total # of Positive E. Coli or Fecal Coliform Samples | Violation | Likely Source of Contamination |
|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | N | Naturally present in environment |

**Total Coliform** REPORTED MONTHLY TESTS FOUND 0 POSITIVE SAMPLES.

**Fecal Coliform** REPORTED MONTHLY TESTS FOUND NO FECAL COLIFORM BACTERIA

## Disinfection Byproducts

| Year | Contaminant | Highest Single Sample | Range of Levels Detected | MCLG | MCL | Unit of Measure | Violation | Source of Contaminant |
|---|---|---|---|---|---|---|---|---|
| 2025 | Haloacetic Acids (HAA5) | 25.9 | 15.8 – 25.9 | No Goal | 60 | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Total Trihalomethanes (TTHM) | 38.6 | 25.7 – 38.6 | No Goal | 80 | ppb | N | Byproduct of drinking water disinfection. |

*Not all sample results may have been used for calculating the Highest Level Detected because some results may be part of an evaluation to determine where compliance sampling should occur in the future.*

## Unregulated Contaminants

| Year | Contaminant | Highest Single Sample | Range of Levels Detected | MCLG | Unit of Measure | Violation | Source of Contaminant |
|---|---|---|---|---|---|---|---|
| 2025 | Bromoform | Less than detectable | Less than detectable | No Goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Bromodichloromethane | 11.2 | 7.31 – 11.2 | No Goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Bromochloroacetic Acid | 4.3 | 2.10 – 4.3 | No Goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Chloroform | 24.1 | 15.8 - 24.1 | No Goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Dibromoacetic Acid | 1.3 | 0 – 1.3 | No Goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Dibromochloromethane | 5.18 | 2.66 – 5.18 | No Goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Dichloroacetic Acid | 12.6 | 6.2 – 12.6 | No Goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Monobromoacetic Acid | Less than detectable | Less than detectable | No Goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Monochloroacetic Acid | 1.9 | 0.0 – 1.9 | No Goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Trichloroacetic Acid | 11.4 | 8.2 – 11.4 | No Goal | ppb | N | Byproduct of drinking water disinfection. |

## LEAD AND COPPER:

***Definitions:***

***Action Level Goal (ALG):*** The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

***Action Level (AL):*** The concentration of a contaminant which, if exceeded, triggers treatment or other requirement which a water system must follow.

| Date | Contaminant | The 90th Percentile | MCLG | Action Level (AL) | # of Sites Over AL | Unit of Measure | Violation | Source of Contaminant |
|---|---|---|---|---|---|---|---|---|
| 2023 | Lead | 0.0 | 0 | 15.0 | 0 | MG/L | N | Corrosion of household plumbing systems; erosion of natural deposits. |
| 2023 | Copper | 0.244 | 1.3 | 1.3 | 0 | MG/L | N | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |

## Required Additional Health Information for Lead

"If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. This water supply is responsible for providing high-quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead/

**SYSTEM WATER LOSS:** In the water loss audit submitted to the Texas Water Development Board for the time period of January thru December 2025, our system lost an estimated __4,232,956__ gallons of water.

**Violations** – The 2024 Consumer Confidence Report was initially filed without the newly required content on how to contact our office for a copy of the service line inventory. The violation was corrected immediately when notification was received and has been cleared.

## Additional lab tests run by the City of Jacksonville on their water that is supplied to Gum Creek:

| Year | Contaminant | Highest Single Sample | Range of Levels Detected | MCLG | MCL | Unit of Measure | Violation | Source of Contaminant |
|---|---|---|---|---|---|---|---|---|
| 2025 | Barium | 0.034 | 0.011 – 0.034 | 2 | 2 | ppm | N | Discharge of drilling wastes; Discharge from metal refineries; erosion of natural deposits |
| 2025 | Chlorine | 1.46 | 0.20 – 2.71 | 4 | 4 | Ppm | N | Disinfectant used to control microbes. |
| 2025 | Fluoride | 1.6 | 0.0362 – 1.60 | 4 | 4 | ppm | N | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories |
| 2025 | Nitrate | 0.044 | 0.0244 – 0.044 | 10 | 10 | ppm | N | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion from natural deposits |
| 2025 | Total Organic Carbon | 3.36 | 1.96 – 3.36 | N/A | N/A | ppm | N | Naturally present in the environment |
| 2025 | TTHM | 59.1 | 22.4 – 95.8 | NA | 80 | ppm | N | Byproduct of drinking water disinfection. |
| 2025 | Turbidity | 0.24 | 0.092 – 0.24 | N/A | TT = 1.0 | NTU | N | Soil runoff |
| **Year** | **Unregulated Contaminant** | **Amt Detected** | **Range of Levels Detected** | **MCLG** | **MRL** | **Unit of Measure** | **Violation** | **Comments** |
| 2025 | Bromodichloromethane | 13.45 | 3.6 – 23.3 | No goal | No goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Bromoform | ND | <1 UG/L | No goal | No goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Chloroform | 38.89 | 7.35 – 70.2 | No goal | No goal | ppb | N | Byproduct of drinking water disinfection. |
| 2025 | Dibromochloromethane | 3.86 | 1.33 – 6.38 | No Goal | No goal | ppb | N | Byproduct of drinking water disinfection. |

| Date | Contaminant | The 90th Percentile | MCL G | Action Level (AL) | # of Sites Over AL | Unit of Measure | Violation | Source of Contaminant |
|---|---|---|---|---|---|---|---|---|
| 2023 | Lead | 0.0 | 0 | 15.0 | 0 | MG/L | N | Corrosion of household plumbing systems; erosion of natural deposits. |
| 2023 | Copper | 0.622 | 1.3 | 1.3 | 0 | MG/L | N | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |