

# 2022 Annual Drinking Water Quality Report

Consumer Confidence Report (CCR)  
 Required Language for ALL  
 Community Public Water Systems

## Sources of Drinking Water

**PWS ID Number:** TX1550028

**PWS Name:** GHOLSON WSC

**Water Source:** Ground Water

This is your water quality report for January 1 to December 31, 2022

For More Information regarding this report contact:

Name **Gholson Water Supply Corporation**  
 Phone **(254)829-2907**

Gholson WSC provides Ground Water from the Trinity Aquifer located  
 In McLennan and Hill Counties.

Este reporte incluye información importante sobre el agua para tomar. Para  
 asistencia en español, favor de llamar al telefono (254)829-2907

### Definitions and Abbreviations

Definition s and Abbreviations:  Action Level:  Action Level Goal(ALG):  Avg:  Level 1 Assessment :  Level 2 Assessment:  Maximum Contaminant Level or MCL:  Maximum Contaminant Level Goal or MCLG:  Maximum residual disinfectant level or MRDL:  Maximum residual disinfectant level goal or MRDLG:  MFL  mrem:	The following tables contain scientific terms and measures, some of which may require explanation.  The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.  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.  Regulatory compliance with some MCLs are based on running annual average of monthly samples.  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.  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.  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.  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.  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.  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.  Million fibers per liter (a measure of asbestos)  millrems per year(a measure of radiation absorbed by the body)
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na:	not applicable.
NTU	Nephelometric turbidity units (a measure of turbidity)
pCi/L	picocuries per liter (a measure of radioactivity)
ppb:	micrograms per liter or parts per billion
ppm:	Milligrams per liter or parts per million
ppq:	Parts per quadrillion, or picograms per liter (pg/L)
ppt:	parts per trillion, or nanograms per liter (ng/L)
Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.

### Information about your 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 EPA's 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 storm water 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 storm water 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 storm water 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.

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.

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; persons 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 providers. Additional guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

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. We are responsible for providing high quality drinking water, but we 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>.

### Information about Source Water

"TCEQ completed an assessment of your source water, and results indicate that our sources have a low susceptibility to contaminants. The sampling requirements for your water system is based on this susceptibility and previous sample data. Any detections of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact Gholson Water Supply Corporation (254)829-2907.

Source Water Name	Type of Water	Report Status	Location
1 - PLANT 1 / WESLEY CHAPEL RD	PLANT 1 / WESLEY CHAPEL RD	GW	<u>Well#1/Plant 1 2630 ClaterPowell Rd</u>
2 - 5 MI N OF PLANT 1	5 MI N OF PLANT 1	GW	<u>Well#2/Plant 2 653 HCR 2200</u>
3 - 0.5 MI S OF PLANT 1	0.5 MI S OF PLANT 1	GW	<u>Well#3 1441 Wesley Chapel Rd</u>
4 - PLANT 3 / STANDPIPE	PLANT 3 / STANDPIPE	GW	<u>Well#4 Plant 3 1312 FM 1304</u>
5 - N OF PLANT 1	N OF PLANT 1	GW	<u>Well#5 3083 Clater Powell Rd</u>

### Coliform Bacteria

Maximum Contaminant Level Goal	Total Coliform Maximum Contaminant Level	Highest No. of Positive	Fecal Coliform or E. Coli Maximum Contaminant Level	Total No. of Positive E. Coli or Fecal Coliform Samples	Violation	Likely Source of Contamination
0	1 positive monthly sample.	3		0	N	Naturally present in the environment.

Lead and Copper	Date Sampled	MCLG	Action Level(AL)	90 <sup>th</sup> Percentile	#Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	2022	1.3	1.3	0.0664	0	ppm	N	Erosion of natural deposits; leaching from wood preservatives; Corrosion of household plumbing systems.

**2022 Water Quality Test Results**

Disinfection By-Products	Collection Date	Highest Level or Average Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
<b>Total Trihalomethanes (TTHM)</b>	2022	4	4.1-4.1	No goal for the total.	80	ppb	N	By-product of drinking water disinfectant.

\*The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year

Inorganic Contaminants	Collection Date	Highest Level or Average Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	2022	0.0525	0.0519-0.0525	2	2	ppm	N	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	6/17/2021	0.64	0.64-0.64	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate[measured as Nitrogen]	2022	0.17	0 -0.17	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; erosion of natural deposits.

Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
<b>Combined Radium 226/228</b>	6/17/2021	1.5	1.5 - 1.5	0	5	pCi/L	N	Erosion of natural deposits.

Volatile Organic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
<b>Toluene</b>	2022	0.0026	0-0.0026	1	1	ppm	N	Discharge from petroleum factories.

### Disinfectant Residual

Disinfectant Residual	Year	Average Level	Range of Levels Detected	Maximum Residual Disinfectant Level(MRDL)	Maximum Residual Disinfectant Level Goal(MRDLG)	Unit of Measure	Sources in drinking water
Chlorine Gas	2022	1.24	0.4-2.14	4.0	0.2-4.0	Mg/L	Water additive used to control microbes.

### Violations

<b>E. coli</b>			
Fecal coliforms and E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, and people with severely compromised immune systems.			
Violation Type	Violation Begin	Violation End	Violation Explanation
MONITOR GWR TRIGGERED/ADDITIONAL, MAJOR	07/02/2019	08/22/2022	We failed to collect follow-up samples within 24 hours of learning of the total coliform-positive sample. These needed to be tested for fecal indicators from all sources that were being used at the time the positive sample was collected.
MONITOR GWR TRIGGERED/ADDITIONAL, MAJOR	06/05/2021	08/22/2022	We failed to collect follow-up samples within 24 hours of learning of the total coliform-positive sample. These needed to be tested for fecal indicators from all sources that were being used at the time the positive sample was collected.
MONITOR GWR TRIGGERED/ADDITIONAL, MAJOR	07/30/2021	08/22/2022	We failed to collect follow-up samples within 24 hours of learning of the total coliform-positive sample. These needed to be tested for fecal indicators from all sources that were being used at the time the positive sample was collected.
MONITOR GWR TRIGGERED/ADDITIONAL, MAJOR	07/19/2022	2022	We failed to collect follow-up samples within 24 hours of learning of the total coliform-positive sample. These needed to be tested for fecal indicators from all sources that were being used at the time the positive sample was collected.
MONITOR GWR TRIGGERED/ADDITIONAL, MINOR	07/19/2022	2022	We failed to collect all the required follow-up samples within 24 hours of learning of the total coliform-positive sample. These needed to be tested for fecal indicators from all sources that were being used at the time the positive sample was collected.

## Mandatory Language for Public Notice Triggered Source Monitoring and Reporting Violation: Ground Water Rule

Gholson Water Supply Corporation /PWSID1550028 failed to collect the required number of triggered source bacteriological samples for fecal indicator monitoring of the ground water system during July 2022. This monitoring is required by the Texas Commission on Environmental Quality's "Drinking Water Standards" and the federal "Safe Drinking Water Act," Public Law 95-523.

Triggered source samples are used to monitor water quality and indicate if the water is free of fecal indicator bacteria. Following a positive routine total coliform result in our distribution system, our water system is required to submit one triggered source sample for every active ground water well. Failure to collect all required triggered source samples is a violation of the monitoring requirements and we are required to notify you of this violation.

### **What should I do?**

There is nothing you need to do at this time.

### **What is being done?**

Gholson WSC takes water samples every month to check for coliform and e. coli in our water. Anytime in the future that we receive a total coliform positive sample we will follow our Triggered Source Monitoring so we do not fail to take a raw water sample at the Wells or Well. Our goal is to provide safe and potable drinking water to our customers.

For more information, please contact Jamie Rager at (254)829-2907 or 12520 Gholson Rd. Waco, TX 76705.