2022 Annual Water Quality Report

CSWR-Texas Water Utility Operating Company
Circle R Ranchettes
PWS ID TX2200148

ATTENTION: Landlords and Apartment Owners

Please share a copy of this notice with your tenants. It includes important information about their drinking water quality.

CSWR-TEXAS
Utility Operating Company
A CSWR Managed Utility

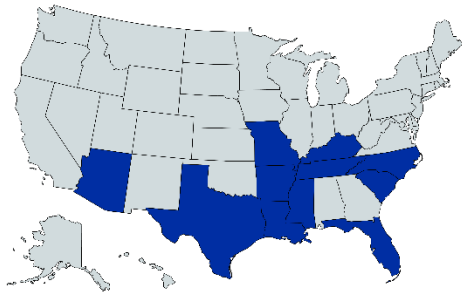


Table of Contents

What is a Consumer Confidence Report (CCR)?

We proudly present our Annual Water Quality Report, also referred to as a CCR. CCRs provide customers with important information regarding the quality of their drinking water. They let customers know what contaminants, if any, were detected in their drinking water, as well as associated potential health effects. We are pleased to report the results of the laboratory testing of your drinking water during the calendar year of 2022. For your Information, we have compiled a list of tables showing the testing of your drinking water during 2022.

About Us

Central States Water Resources is transforming how water utilities work by using technology and innovation to quickly assess and invest in reliable infrastructure that meets or exceeds stringent state and federal safety standards, ensuring all communities across the U.S. have access to safe, clean and reliable water resources while protecting the aquifers, lakes, rivers and streams that are essential to our world.

Our Mission:

Central States Water Resources is working to bring safe, reliable, and environmentally responsible water resources to every community in the U.S.

This report contains important information about the source and quality of your drinking water. If you would like a paper copy of the 2022 Report mailed to your home, please call 1-866-301-7725

Este informe contiene information importante sobre la fuente y la calidad de su agua potable. Si desea recibir una copia escrita del informe annual de la calidad del agua del 2022 ens su casa, llame al numero de telefono
1-866-301-7725

About Your Drinking Water Supply

Your Water Source:

Groundwater from Trinity aquifer located in Tarrant County

Source Water Assessment:

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 CSWR- Texas at 1-866-301-7725.

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.

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 Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Definition of Terms

Action Level (AL): The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, that 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 of health. ALGs allow for a margin of safety.

Average (Avg): Regulatory compliance with some MCLs are based on running annual average of monthly samples.

Level 1 Assessment: 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 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 (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 (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 (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.

Maximum Residual Disinfectant Level Goal (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.

Definition of Terms

Million fibers per Liter (MFL): A measure of asbestos

Millirems per Year (MREM): A measure of radiation absorbed by the body

Not Applicable (NA): Sampling was not completed by regulation or was not required.

Not Detected (ND): Not detectable at reporting limit.

Nephelometric Turbidity Units (NTU): Measure of clarity or turbidity of the water.

Picocuries per liter (pCi/L): Measure of the natural rate of disintegration of radioactive contaminants in water.

Parts per billion (ppb): One part substance per billion parts water or microgram per liter (µg/L).

Parts per million (ppm): One part substance per million parts water or milligram per liter (mg/L).

Parts per quadrillion (ppq): Parts per quadrillion, or picograms per liter (pg/L)

Parts per trillion (ppt): One part substance per trillion parts water or nanograms per liter (ng/L).

ppmX1000=ppb
ppbX1000=ppt
pptX1000=ppq

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Sources of Contaminants

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.

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, please contact CSWR- Texas at 1-866-301-7725

Contaminants That May be Present in Source Water:	
Microbes	such as viruses and bacteria may come which may occur through sewage treatment plants, domesticated animals, or wildlife.
Inorganic Chemicals	such as toxic heavy metals and salts, which come from urban stormwater runoff, industrial waste discharges, oil and gas production, mining, or farming.
Pesticides & Herbicides	which may come from a variety of sources such as agricultural or stormwater runoff, and residential uses.
Organic Chemicals	including synthetic or volatile organic human-made compounds, such as dry-cleaning solvents, may occur due to disposal of untreated waste into septic systems or stormwater runoff.
Radioactive Contaminants	which can be naturally occurring or man-made may occur through weathering rock, mining, and runoff.

Special Health Information:

Some people may be more vulnerable to contaminants in drinking water than the general population. Those who are undergoing chemotherapy or living with HIV/AIDs, transplants, children and infants, elderly, and pregnant women can be at particular risk for infections. If you have special health care needs, please consider taking additional precautions with your drinking water and seek advice form a health care provider. For more information visit www.epa.gov/safewater/healthcare/special.html.

Water Quality Report

The following page will display the results of your water quality

- Central States and our Utility Operating Companies conduct extensive monitoring to determine if your water meets all water quality standards. The detections of our monitoring are reported in the following tables.

- The state allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.

- Regulated contaminants not listed in this table, were not found in the treated water supply.

Water Quality Results

2022 Water Quality Test Results							
Disinfectants	Violation Y or N	Running Annual Average (RAA)	Range of All Samples (Low-High)	MRDL	MRDLG	Collection Date	Likely Source of Contamination
Chlorine (ppm)	N	1.39	0.48-2.39	4	4	2022	Water additive used to control microbes
Inorganic Chemicals (IOC)	Violation Y or N	Running Annual Average (RAA) OR Highest Level Detected	Range of levels detected (Low-High)	MCL	MCLG	Collection Date	Likely Source of Contamination
Barium (ppm)	N	0.0028	0.0028-0.0028	2	2	10/31/2018	Discharge of drilling wastes; Discharge from mental refineries; Erosion from natural deposits.
Nitrate [measured as Nitrogen] (ppm)	N	0.16	0.16-0.16	10	10	10/31/2018	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Health Language:							
Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six month of age. High nitrate levels in drinking water can cause "blue baby syndrome." Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, and detected nitrate levels are above 5 ppm, you should ask advice from your health care provider.							

Notice of Violations

2022 Violations			
1,1,1-Trichloroethane & 1,1,2-Trichloroethane			
Some people who drink water containing 1,1,1-trichloroethane in excess of the MCL over many years could experience problems with their liver, nervous system, or circulatory system. Some people who drink water containing 1,1,2-trichloroethane well in excess of the MCL over many years could have problems with their liver, kidneys, or immune systems.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
1,1-Dichloroethylene			
Some people who drink water containing 1,1-dichloroethylene in excess of the MCL over many years could experience problems with their liver.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
1,2,4-Trichlorobenzene			
Some people who drink water containing 1,2,4-trichlorobenzene well in excess of the MCL over many years could experience changes in their adrenal glands.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations			
1,2-Dichloroethane			
Some people who drink water containing 1,2-dichloroethane in excess of the MCL over many years may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
1,2-Dichloropropane			
Some people who drink water containing 1,2-dichloropropane in excess of the MCL over many years may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
2,4-D			
Some people who drink water containing the weed killer 2,4-D well in excess of the MCL over many years could experience problems with their kidneys, liver, or adrenal glands.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations			
2,4,5-TP (Silvex)			
Some people who drink water containing silvex in excess of the MCL over many years could experience liver problems.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Alachlor			
Some people who drink water containing alachlor in excess of the MCL over many years could have problems with their eyes, liver, kidneys, or spleen, or experience anemia, and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Atrazine			
Some people who drink water containing atrazine well in excess of the MCL over many years could experience problems with their cardiovascular system or reproductive difficulties.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations

Benzene

Some people who drink water containing benzene in excess of the MCL over many years could experience anemia or a decrease in blood platelets and may have an increased risk of getting cancer.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Benzo(a)pyrene

Some people who drink water containing benzo(a)pyrene in excess of the MCL over many years may experience reproductive difficulties and may have an increased risk of getting cancer.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Carbofuran

Some people who drink water containing carbofuran in excess of the MCL over many years could experience problems with their blood, or nervous or reproductive systems.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations

Carbon Tetrachloride

Some people who drink water containing carbon tetrachloride in excess of the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Chlordane

Some people who drink water containing chlordane in excess of the MCL over many years could experience problems with their liver or nervous system and may have an increased risk of getting cancer.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Chlorine

Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

Violation Type	Violation Date	Explanation	Corrective Action
Disinfectant Level Quarterly Operating Report (DLQOR)	1/1/2022-3/31/2022 & 4/1/2022-6/30/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations			
Chlorobenzene			
Some people who drink water containing chlorobenzene in excess of the MCL over many years could experience problems with their liver or kidneys.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Consumer Confidence Rule			
The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	7/1/2022-12/31/2022	We failed to provide to you, our drinking water customers, an annual report that informs you about the quality of our drinking water and characterizes the risks from exposure to contaminants detected in our drinking water.	CSWR has implemented new policies in order to not miss a testing period.
Dalapon			
Some people who drink water containing dalapon well in excess of the MCL over many years could experience minor kidney changes.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations			
Di (2-ethylhexyl) adipate & Di (2-ethylhexyl) phthalate			
Some people who drink water containing di (2-ethylhexyl) adipate well in excess of the MCL over many years could experience general toxic effects or reproductive difficulties. Some people who drink water containing di (2-ethylhexyl) phthalate in excess of the MCL over many years may have problems with their liver, or experience reproductive difficulties, and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Dibromochloropropane (DBCP)			
Some people who drink water containing DBCP in excess of the MCL over many years could experience reproductive difficulties and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Dichloromethane			
Some people who drink water containing dichloromethane in excess of the MCL over many years could have liver problems and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations			
Dinoseb			
Some people who drink water containing dinoseb well in excess of the MCL over many years could experience reproductive difficulties.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Endrin			
Some people who drink water containing endrin in excess of the MCL over many years could experience liver problems.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure, of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Ethylbenzene			
Some people who drink water containing ethylbenzene well in excess of the MCL over many years could experience problems with their liver or kidneys.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations

Ethylene dibromide

Some people who drink water containing ethylene dibromide in excess of the MCL over many years could experience problems with their liver, stomach, reproductive system, or kidneys, and may have an increased risk of getting cancer.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Fluoride

Some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL or more may cause mottling of children's teeth, usually in children less than nine years old. Mottling, also known as dental fluorosis, may include brown staining and/or pitting of teeth, and occurs only in developing.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure, of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Haloacetic Acids (HAA5)

Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE (DBP), MAJOR	10/1/2019-9/30/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations			
Heptachlor			
Some people who drink water containing heptachlor in excess of the MCL over many years could experience liver damage and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Heptachlor epoxide			
Some people who drink water containing endrin in excess of the MCL over many years could experience liver problems.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure, of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Hexachlorobenzene			
Some people who drink water containing hexachlorobenzene in excess of the MCL over many years could experience problems with their liver or kidneys, or adverse reproductive effects, and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations			
Hexachlorocyclopentadiene			
Some people who drink water containing hexachlorocyclopentadiene well in excess of the MCL over many years could experience problems with their kidneys or stomach.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Lead and Copper Rule			
The Lead and Copper Rule protects public health by minimizing lead and copper levels in drinking water, primarily by reducing water corrosivity. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials.			
Violation Type	Violation Date	Explanation	Corrective Action
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure, of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Lindane			
Some people who drink water containing lindane in excess of the MCL over many years could experience problems with their kidneys or liver.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations			
Methoxychlor			
Some people who drink water containing methoxychlor in excess of the MCL over many years could experience reproductive difficulties.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Nitrate [measured as Nitrogen]			
Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure, of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Oxamyl [Vydate]			
Some people who drink water containing oxamyl in excess of the MCL over many years could experience slight nervous system effects.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.

Notice of Violations

2022 Violations			
Pentachlorophenol			
Some people who drink water containing pentachlorophenol in excess of the MCL over many years could experience problems with their liver or kidneys, and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Picloram			
Some people who drink water containing picloram in excess of the MCL over many years could experience problems with their liver.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure, of the quality of our drinking water during the period indicated.	CSWR has implemented new policies in order to not miss a testing period.
Public Notification Rule			
The Public Notification Rule helps to ensure that consumers will always know if there is a problem with their drinking water. These notices immediately alert consumers if there is a serious problem with their drinking water (e.g., a boil water emergency).			
Violation Type	Violation Date	Explanation	Corrective Action
PUBLIC NOTICE RULE LINKED TO VIOLATION	3/21/2022-12/31/2022	We failed to adequately notify you, our drinking water consumers, about numerous violations of the drinking water regulations.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.

Notice of Violations

2022 Violations			
Simazine			
Some people who drink water containing simazine in excess of the MCL over many years could experience problems with their blood.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.
Styrene			
Some people who drink water containing styrene well in excess of the MCL over many years could have problems with their liver, kidneys, or circulatory system.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2020-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure, of the quality of our drinking water during the period indicated.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.
Tetrachloroethylene			
Some people who drink water containing tetrachloroethylene in excess of the MCL over many years could have problems with their liver, and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	3/21/2022-12/31/2022	We failed to adequately notify you, our drinking water consumers, about numerous violations of the drinking water regulations.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.

Notice of Violations

2022 Violations			
Toluene			
Some people who drink water containing toluene well in excess of the MCL over many years could have problems with their nervous system, kidneys, or liver.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.
Total Trihalomethanes (TTHM)			
Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE (DBP), MAJOR	10/1/2019-9/30/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure, of the quality of our drinking water during the period indicated.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.
Toxaphene			
Some people who drink water containing toxaphene in excess of the MCL over many years could have problems with their kidneys, liver, or thyroid, and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to adequately notify you, our drinking water consumers, about numerous violations of the drinking water regulations.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.

Notice of Violations

2022 Violations			
Trichloroethylene			
Some people who drink water containing trichloroethylene in excess of the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.
Vinyl Chloride			
Some people who drink water containing vinyl chloride in excess of the MCL over many years may have an increased risk of getting cancer.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure, of the quality of our drinking water during the period indicated.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.
Xylenes			
Some people who drink water containing xylenes in excess of the MCL over many years could experience damage to their nervous system.			
Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to adequately notify you, our drinking water consumers, about numerous violations of the drinking water regulations.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.

Notice of Violations

2022 Violations

cis-1,2-Dichloroethylene

Some people who drink water containing cis-1,2-dichloroethylene in excess of the MCL over many years could experience problems with their liver.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.

o-Dichlorobenzene

Some people who drink water containing o-dichlorobenzene well in excess of the MCL over many years could experience problems with their liver, kidneys, or circulatory systems.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure, of the quality of our drinking water during the period indicated.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.

p-Dichlorobenzene

Some people who drink water containing p-dichlorobenzene in excess of the MCL over many years could experience anemia, damage to their liver, kidneys, or spleen, or changes in their blood.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to adequately notify you, our drinking water consumers, about numerous violations of the drinking water regulations.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.

trans-1,2-Dicholoroethylene

Some people who drink water containing trans-1,2-dichloroethylene well in excess of the MCL over many years could experience problems with their liver.

Violation Type	Violation Date	Explanation	Corrective Action
MONITORING, ROUTINE MAJOR	1/1/2022-12/31/2022	We failed to adequately notify you, our drinking water consumers, about numerous violations of the drinking water regulations.	This notification is provided to resolve the violation. CSWR-Texas has implemented new procedures to ensure timely public notices in the future.

***Please share this information with 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.**

Lead

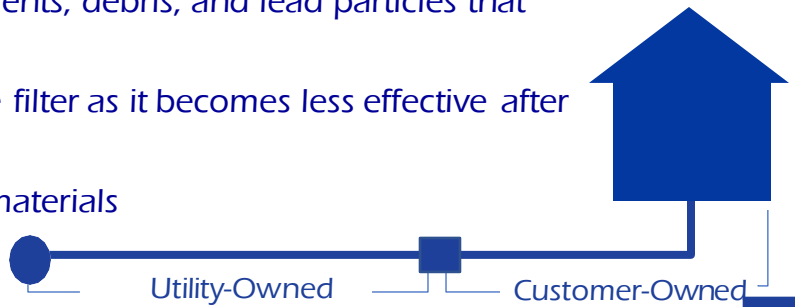
If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. CSWR-Texas is responsible for providing high quality drinking water but cannot control the variety of plumbing materials. 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.

In compliance with Federal Regulation (40 CFR Part 141 Subpart 1) CSWR finds it necessary for the health and safety of our customers to adopt lead control standards which ban the use of lead materials in the public drinking water system and private plumbing connected to the public drinking water system.

If you live in an older home or 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.

Reduce Your Exposure

1. **Flush your home's pipes** by running the tap before drinking the water. Residents should contact their water utility for recommendations about flushing times in their community.
2. **Use Cold water** only for drinking, cooking, and making baby formula. Boiling water does not remove lead.
3. **Clean your aerator** (screen of faucet) regularly to remove sediments, debris, and lead particles that naturally collect over time.
4. **Use a filter** that is certified to remove lead. Regularly replace the filter as it becomes less effective after expiration. Do not run hot water through the filter.
5. **Have a licensed plumber check** your plumbing for lead-based materials

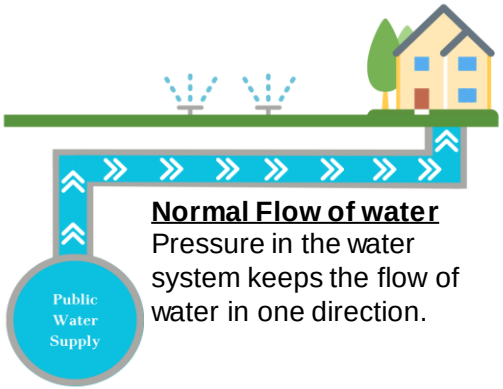


Backflow Prevention

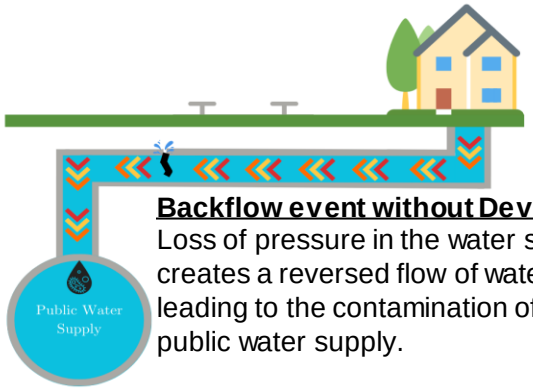
Backflow is the unwanted reversal of flow from a customer to the water supply. This is caused by a loss of pressure in the water supply line or an increase in pressure on the customer side. Common situations where backflow occurs are water main breaks or firefighting events. These events create low pressure in the distribution system. Backpressure can cause backflow when the pressure in a building exceeds the pressure in the water supply line, causing liquid from the customer's line to move into the water supply. Backflow Prevention Devices are designed to restrict the flow of water to one direction.

Cross Connection

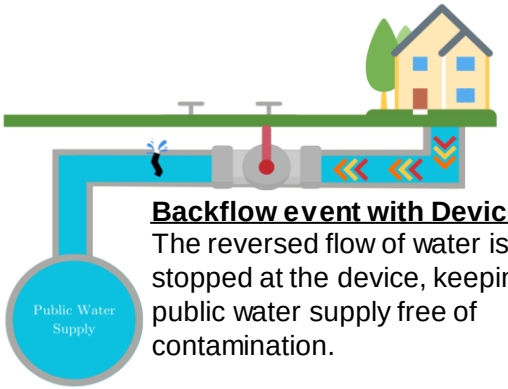
Cross-connections are links between a customer and the drinking water supply lines. Cross-Connections may contaminate the drinking water supply if there is a backflow event. Backflow through cross-connections are very serious and have the potential to cause serious health hazards.



Normal Flow of water
Pressure in the water system keeps the flow of water in one direction.



Backflow event without Device
Loss of pressure in the water system creates a reversed flow of water, leading to the contamination of the public water supply.



Backflow event with Device
The reversed flow of water is stopped at the device, keeping the public water supply free of contamination.

Common household items requiring installation of a Backflow Prevention Device

Lawn Irrigation/Sprinkler System, Pool, Hot Tub, Fire Protection Sprinklers and Boilers

If you have any questions about Backflow Prevention or would like to notify CSWR of your Backflow Devices, please call or email: CSWR-Texas Utility Operating Company at 1-866-301-7725 or support@cswrtexaswateruoc.com

How to Participate

Protecting drinking water at its source is an important part of the process to treat and deliver high quality water. It takes a community effort to protect shared resources. This includes utilities, businesses, residents, government and non-profit organizations.

For more information regarding this report contact CSWR-Texas at 1-866-301-7725

WATER INFORMATION SOURCES:

Central States Water Resources (CSWR)
https://www.centralstateswaterresources.com/contact-us/

Texas Commission on Environmental Quality (TCEQ)
www.tceq.texas.gov

United States Environmental Protection Agency (USEPA)
www.epa.gov/safewater

Safe Drinking Water Hotline (800) 426-4791

Centers for Disease Control and Prevention www.cdc.gov

American Water Works Association www.drinktap.org

Water Quality Association www.wqa.org

National Library of Medicine/National Institute of Health
www.nlm.nih.gov/medlineplus/drinkingwater.html

CSWR-TEXAS
Utility Operating Company
A CSWR Managed Utility

****IMPORTANT INFORMATION ABOUT YOUR WATER SYSTEM****

The CIRCLE R RANCHETTES water system PWS ID **TX2200148** has violated the monitoring and reporting requirements set by Texas Commission on Environmental Quality (TECQ) in Chapter 30, Section 290, Subchapter F. Public water systems are required to collect and submit chemical samples of water provided to their customers, and report the results of those samples to the TCEQ on a regular basis.

We failed to monitor and/or report the following constituents: Gross Alpha, Excluding Radon and Uranium, Combined Radium (-226 & -228), and Combined Uranium.

These Violations occurred in the monitoring periods of 1/01/2019 to 12/31/2021.

Results of regular monitoring are an indicator of whether or not your drinking water is safe from chemical contamination. We did not complete all monitoring and/ or reporting for chemical constituents, and therefore TCEQ cannot be sure of the safety of your drinking water during that time.

We are taking the following actions to address this issue:

CSWR-Texas has implemented policies to ensure the timely testing and reporting of radiological constituents.

Please share this information with all people who drink this water, especially those who may not have received this notice directly (i.e., 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.

If you have questions regarding this matter, you may contact CSWR-Texas at 1-866-301-7725 or by email at support@cswrtexasuoc.com.

Date Delivered: 7/1/2023

CSWR-TEXAS
Utility Operating Company
A CSWR Managed Utility

****IMPORTANT INFORMATION ABOUT YOUR WATER SYSTEM****

The **CIRCLE R RANCHETTES** water system PWS ID **TX2200148** has violated the monitoring and reporting requirements set by Texas Commission on Environmental Quality (TECQ) in Chapter 30, Section 290, Subchapter F. Public water systems are required to collect and submit chemical samples of water provided to their customers, and report the results of those samples to the TCEQ on a regular basis.

We failed to monitor and/ or report the following constituents: Cyanide, Nitrate, Synthetic Organic and Volatile Organic compounds.

These violations occurred in the monitoring period of **1/1/2020 – 12/31/2020.**

Results of regular monitoring are an indicator of whether or not your drinking water is safe from chemical contamination. We did not complete all monitoring and/ or reporting for chemical constituents, and therefore TECQ cannot be sure of the safety of your drinking water during that time.

We are taking the following actions to address this issue:

CSWR-Texas has implemented policies to ensure the timely testing and reporting of chemical constituents.

Please share this information with all people who drink this water, especially those who may not have received this notice directly (i.e., 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.

If you have questions regarding this matter, you may contact CSWR-Texas at 1-866-301-7725 or by email at support@cswrtexasuoc.com.

Date Delivered: 7/1/2023

CSWR-TEXAS
Utility Operating Company
A CSWR Managed Utility

****IMPORTANT INFORMATION ABOUT YOUR WATER SYSTEM****

The CIRCLE R RANCHETTES water system PWS ID **TX2200148** has violated the monitoring/ reporting requirements set by Texas Commission on Environmental Quality (TECQ) in Title 30, Texas Administrative Code (30 TAC), Section 290, Subchapter F. Public water systems are required properly disinfect water before distribution, maintain acceptable disinfection residuals within the distribution system, monitor he disinfectant residual at various locations throughout the distribution system, and report the results of that monitoring to the TCEQ on a quarterly basis.

Results of regular monitoring are an indicator of whether or not your drinking water is safe from microbial contamination.

These violations occurred in the monitoring periods of **10/1/2020 - 12/31/202**, **4/1/2021 - 6/30/2021**, and **01/01/2022 - 03/31/2022**.

We are taking the following actions to address this issue:
As temporary managers, CSWR-Texas has replaced disinfection equipment and checks the distribution system as required to ensure safe drinking water.

Please share this information with all people who drink this water, especially those who may not have received this notice directly (i.e., 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.

If you have questions regarding this matter, you may contact CSWR-Texas at 1-866-301-7725 or by email at support@cswrtexasuoc.com.

Date Delivered: 7/1/2023

CSWR-TEXAS
Utility Operating Company
A CSWR Managed Utility

****IMPORTANT INFORMATION ABOUT YOUR WATER SYSTEM****
Triggered Source Monitoring and Reporting Violation: Groundwater Rule

CIRCLE R RANCHETTES water system PWS ID **TX2200148** failed to collect the required number of bacteriological samples for fecal indicator monitoring of the groundwater system during 6/24/2021 – 7/8/2021. 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 groundwater well source. 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?

As temporary managers, CSWR-Texas has plans in place to ensure that the bacteriological samples are taken every month.

Please share this information with all people who drink this water, especially those who may not have received this notice directly (i.e., 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.

If you have questions regarding this matter, you may contact CSWR-Texas at 1-866-301-7725 or by email at support@cswrtexasuoc.com or by mail at 1630 Des Peres Rd, Suite 140 Des Peres, MO 63131.

Date Delivered:7/1/2023

2021 Annual Water Quality Report

CSWR-Texas Water Utility Operating Company
Circle R Ranchettes
PWS ID TX2200148

ATTENTION: Landlords and Apartment Owners

Please share a copy of this notice with your tenants. It includes important information about their drinking water quality.

CSWR-TEXAS
Utility Operating Company
A CSWR Managed Utility

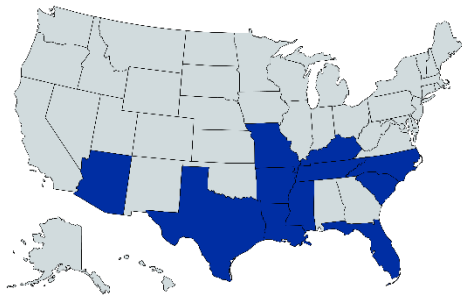


Table of Contents

What is a Consumer Confidence Report (CCR)?

We proudly present our Annual Water Quality Report, also referred to as a CCR. CCRs provide customers with important information regarding the quality of their drinking water. They let customers know what contaminants, if any, were detected in their drinking water, as well as associated potential health effects. We are pleased to report the results of the laboratory testing of your drinking water during the calendar year of 2021. For your Information, we have compiled a list of tables showing the testing of your drinking water during 2021.

About Us

Central States Water Resources is transforming how water utilities work by using technology and innovation to quickly assess and invest in reliable infrastructure that meets or exceeds stringent state and federal safety standards, ensuring all communities across the U.S. have access to safe, clean and reliable water resources while protecting the aquifers, lakes, rivers and streams that are essential to our world.

Our Mission:

Central States Water Resources is working to bring safe, reliable, and environmentally responsible water resources to every community in the U.S.

This report contains important information about the source and quality of your drinking water. If you would like a paper copy of the 2021 Report mailed to your home, please call 1-866-301-7725

Este informe contiene information importante sobre la fuente y la calidad de su agua potable. Si desea recibir una copia escrita del informe annual de la calidad del agua del 2021 ens su casa, llame al numero de telefono
1-866-301-7725

About Your Drinking Water Supply

WHERE YOUR WATER COMES FROM

Water Source: Groundwater from Trinity Aquifer located in Tarrant County

Source Water Assessment: TCEQ completed an assessment of your source water, and results indicate that some of our sources are susceptible to certain 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.

Disinfection Treatment: The water supplied to you is treated with chlorine to maintain water quality in the distribution system.

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.

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 Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Definition of Terms

Action Level (AL): The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, that 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 of health. ALGs allow for a margin of safety.

Average (Avg): Regulatory compliance with some MCLs are based on running annual average of monthly samples.

Level 1 Assessment: 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 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 (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 (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 (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.

Maximum Residual Disinfectant Level Goal (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.

Definition of Terms

Million fibers per Liter (MFL): A measure of asbestos

Millirems per Year (MREM): A measure of radiation absorbed by the body

Not Applicable (NA): Sampling was not completed by regulation or was not required.

Not Detected (ND): Not detectable at reporting limit.

Nephelometric Turbidity Units (NTU): Measure of clarity or turbidity of the water.

Picocuries per liter (pCi/L): Measure of the natural rate of disintegration of radioactive contaminants in water.

Parts per billion (ppb): One part substance per billion parts water or microgram per liter (µg/L).

Parts per million (ppm): One part substance per million parts water or milligram per liter (mg/L).

Parts per quadrillion (ppq): Parts per quadrillion, or picograms per liter (pg/L)

Parts per trillion (ppt): One part substance per trillion parts water or nanograms per liter (ng/L).

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Sources of Contaminants

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.

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, please contact CSWR- Texas at 1-866-301-7725

Contaminants That May be Present in Source Water:	
Microbes	such as viruses and bacteria may come which may occur through sewage treatment plants, domesticated animals, or wildlife.
Inorganic Chemicals	such as toxic heavy metals and salts, which come from urban stormwater runoff, industrial waste discharges, oil and gas production, mining, or farming.
Pesticides & Herbicides	which may come from a variety of sources such as agricultural or stormwater runoff, and residential uses.
Organic Chemicals	including synthetic or volatile organic human-made compounds, such as dry-cleaning solvents, may occur due to disposal of untreated waste into septic systems or stormwater runoff.
Radioactive Contaminants	which can be naturally occurring or man-made may occur through weathering rock, mining, and runoff.

Special Health Information:

Some people may be more vulnerable to contaminants in drinking water than the general population. Those who are undergoing chemotherapy or living with HIV/AIDs, transplants, children and infants, elderly, and pregnant women can be at particular risk for infections. If you have special health care needs, please consider taking additional precautions with your drinking water and seek advice form a health care provider. For more information visit www.epa.gov/safewater/healthcare/special.html.

Water Quality Report

The following page will display the results of your water quality

- Central States and our Utility Operating Companies conduct extensive monitoring to determine if your water meets all water quality standards. The detections of our monitoring are reported in the following tables.

- Regulated contaminants not listed in this table, were not found in the treated water supply.

Water Quality Results

2021 Water Quality Table							
Microbiological (RTCR)	**Violation Y or N**	**Number of Positive Samples**	**Positive Sample(s) Month & Year**	**AL**	**ALG**	**Sample Month & Year**	**Likely Source of Contamination**
Bacteria	N	1, Coliform	June-2021*	NA	NA	NA	Naturally present in the environment
Inorganic Chemicals (IOC)	**Violation Y or N**	**Running Annual Average (RAA) OR Highest Level Detected**	**Range of All Samples (Low-High)**	**MCL**	**MCLG**	**Sample Month & Year**	**Likely Source of Contamination**
Barium	N	0.0028	NA	2	2	Oct-2018*	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Nitrate (ppm)	N	0.16	NA	10	10	Oct-2018*	Erosion of natural deposits; Runoff from fertilizer use; Leaching from septic tanks or sewage

Health Language:

Nitrate in drinking water at levels above 5 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause "blue baby syndrome". Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, and detected nitrate levels are above 5 ppm, you should ask for advice from your health care provider.

Notice of Violations

1,1,1-Trichloroethane			
Some people who drink water containing 1,1,1-trichloroethane in excess of the MCL over many years could experience problems with their liver, nervous system, or circulatory system.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

1,1,2-Trichloroethane			
Some people who drink water containing 1,1,2-trichloroethane well in excess of the MCL over many years could have problems with their liver, kidneys, or immune systems.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

1,1-Dichloroethylene			
Some people who drink water containing 1,1-dichloroethylene in excess of the MCL over many years could experience problems with their liver.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

1,2,4-Trichlorobenzene			
Some people who drink water containing 1,2,4-trichlorobenzene well in excess of the MCL over many years could experience changes in their adrenal glands.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

1,2-Dichloroethane

Some people who drink water containing 1,2-dichloroethane in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

1,2-Dichloropropane

Some people who drink water containing 1,2-dichloropropane in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Alachlor

Some people who drink water containing alachlor in excess of the MCL over many years could have problems with their eyes, liver, kidneys, or spleen, or experience anemia, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Antimony

Some people who drink water containing antimony well in excess of the MCL over many years could experience increases in blood cholesterol and decreases in blood sugar.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2019	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Arsenic

Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2019	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Atrazine

Some people who drink water containing atrazine well in excess of the MCL over many years could experience problems with their cardiovascular system or reproductive difficulties.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Barium

Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2019	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Benzene

Some people who drink water containing benzene in excess of the MCL over many years could experience anemia or a decrease in blood platelets, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Benzo(a)pyrene

Some people who drink water containing benzo(a)pyrene in excess of the MCL over many years may experience reproductive difficulties and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Beryllium

Some people who drink water containing beryllium well in excess of the MCL over many years could develop intestinal lesions.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2019	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Cadmium

Some people who drink water containing cadmium in excess of the MCL over many years could experience kidney damage.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2019	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Carbon Tetrachloride

Some people who drink water containing carbon tetrachloride in excess of the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Chlordane

Some people who drink water containing chlordane in excess of the MCL over many years could experience problems with their liver or nervous system, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Chlorine

Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

Violation Type	Violation Begin	Violation End	Violation Explanation
Disinfectant Level Quarterly Operating Report (DLQOR).	01/01/2021	03/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
Disinfectant Level Quarterly Operating Report (DLQOR).	04/01/2021	06/30/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
Disinfectant Level Quarterly Operating Report (DLQOR).	07/01/2021	09/30/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
Disinfectant Level Quarterly Operating Report (DLQOR).	10/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Chlorobenzene

Some people who drink water containing chlorobenzene in excess of the MCL over many years could experience problems with their liver or kidneys.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Chromium

Some people who use water containing chromium well in excess of the MCL over many years could experience allergic dermatitis.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2019	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Consumer Confidence Rule

The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems.

Violation Type	Violation Begin	Violation End	Violation Explanation
CCR REPORT	07/01/2021	2021	We failed to provide to you, our drinking water customers, an annual report that informs you about the quality of our drinking water and characterizes the risks from exposure to contaminants detected in our drinking water.

Di (2-ethylhexyl) adipate

Some people who drink water containing di (2-ethylhexyl) adipate well in excess of the MCL over many years could experience general toxic effects or reproductive difficulties.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Di (2-ethylhexyl) phthalate

Some people who drink water containing di (2-ethylhexyl) phthalate in excess of the MCL over many years may have problems with their liver, or experience reproductive difficulties, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Dichloromethane			
Some people who drink water containing dichloromethane in excess of the MCL over many years could have liver problems and may have an increased risk of getting cancer.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

E. coli			
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	07/09/2021	2021	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.

Endrin			
Some people who drink water containing endrin in excess of the MCL over many years could experience liver problems.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Ethylbenzene			
Some people who drink water containing ethylbenzene well in excess of the MCL over many years could experience problems with their liver or kidneys.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Dichloromethane

Some people who drink water containing dichloromethane in excess of the MCL over many years could have liver problems and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

E. coli

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	07/09/2021	2021	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.

Endrin

Some people who drink water containing endrin in excess of the MCL over many years could experience liver problems.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Ethylbenzene

Some people who drink water containing ethylbenzene well in excess of the MCL over many years could experience problems with their liver or kidneys.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Heptachlor

Some people who drink water containing heptachlor in excess of the MCL over many years could experience liver damage and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Heptachlor epoxide

Some people who drink water containing heptachlor epoxide in excess of the MCL over many years could experience liver damage, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Hexachlorobenzene

Some people who drink water containing hexachlorobenzene in excess of the MCL over many years could experience problems with their liver or kidneys, or adverse reproductive effects, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Hexachlorocyclopentadiene

Some people who drink water containing hexachlorocyclopentadiene well in excess of the MCL over many years could experience problems with their kidneys or stomach.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Lead and Copper Rule

The Lead and Copper Rule protects public health by minimizing lead and copper levels in drinking water, primarily by reducing water corrosivity. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials.

Violation Type	Violation Begin	Violation End	Violation Explanation
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	01/01/2021	2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.
FOLLOW-UP OR ROUTINE TAP M/R (LCR)	07/01/2021	2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Lindane

Some people who drink water containing lindane in excess of the MCL over many years could experience problems with their kidneys or liver.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Mercury

Some people who drink water containing inorganic mercury well in excess of the MCL over many years could experience kidney damage.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2019	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Methoxychlor

Some people who drink water containing methoxychlor in excess of the MCL over many years could experience reproductive difficulties.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Nitrate [measured as Nitrogen]

Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Nitrite [measured as Nitrogen]

Infants below the age of six months who drink water containing nitrite in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Pentachlorophenol

Some people who drink water containing pentachlorophenol in excess of the MCL over many years could experience problems with their liver or kidneys, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Public Notification Rule

The Public Notification Rule helps to ensure that consumers will always know if there is a problem with their drinking water. These notices immediately alert consumers if there is a serious problem with their drinking water (e.g., a boil water emergency).

Violation Type	Violation Begin	Violation End	Violation Explanation
PUBLIC NOTICE RULE LINKED TO VIOLATION	03/15/2021	2021	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations
PUBLIC NOTICE RULE LINKED TO VIOLATION	04/18/2021	2021	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations
PUBLIC NOTICE RULE LINKED TO VIOLATION	08/23/2021	2021	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations
PUBLIC NOTICE RULE LINKED TO VIOLATION	10/21/2021	2021	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations
PUBLIC NOTICE RULE LINKED TO VIOLATION	11/20/2021	2021	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations
PUBLIC NOTICE RULE LINKED TO VIOLATION	12/19/2021	2021	We failed to adequately notify you, our drinking water consumers, about a violation of the drinking water regulations

Revised Total Coliform Rule (RTCR)

The Revised Total Coliform Rule (RTCR) seeks to prevent waterborne diseases caused by E. coli. E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children,

Violation Type	Violation Begin	Violation End	Violation Explanation
LEVEL 1 ASSESS, TC POS RT NO RPT (RTCR)	08/22/2021	2021	We failed to properly complete a Level 1 Assessment in our water system.
MONITORING, ROUTINE, MAJOR (RTCR)	07/01/2021	07/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Selenium

Selenium is an essential nutrient. However, some people who drink water containing selenium in excess of the MCL over many years could experience hair or fingernail losses, numbness in fingers or toes, or problems with their circulation.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2019	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Simazine

Some people who drink water containing simazine in excess of the MCL over many years could experience problems with their blood.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Styrene

Some people who drink water containing styrene well in excess of the MCL over many years could have problems with their liver, kidneys, or circulatory system.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Tetrachloroethylene

Some people who drink water containing tetrachloroethylene in excess of the MCL over many years could have problems with their liver, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Thallium

Some people who drink water containing thallium in excess of the MCL over many years could experience hair loss, changes in their blood, or problems with their kidneys, intestines, or liver.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2019	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Toluene

Some people who drink water containing toluene well in excess of the MCL over many years could have problems with their nervous system, kidneys, or liver.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Toxaphene

Some people who drink water containing toxaphene in excess of the MCL over many years could have problems with their kidneys, liver, or thyroid, and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Trichloroethylene

Some people who drink water containing trichloroethylene in excess of the MCL over many years could experience problems with their liver and may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Vinyl Chloride

Some people who drink water containing vinyl chloride in excess of the MCL over many years may have an increased risk of getting cancer.

Violation Type	Violation Begin	Violation End	Violation Explanation
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Notice of Violations

Xylenes			
Some people who drink water containing xylenes in excess of the MCL over many years could experience damage to their nervous system.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

cis-1,2-Dichloroethylene			
Some people who drink water containing cis-1,2-dichloroethylene in excess of the MCL over many years could experience problems with their liver.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

o-Dichlorobenzene			
Some people who drink water containing o-dichlorobenzene well in excess of the MCL over many years could experience problems with their liver, kidneys, or circulatory systems.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

p-Dichlorobenzene			
Some people who drink water containing p-dichlorobenzene in excess of the MCL over many years could experience anemia, damage to their liver, kidneys, or spleen, or changes in their blood.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

trans-1,2-Dicholoroethylene			
Some people who drink water containing trans-1,2-dichloroethylene well in excess of the MCL over many years could experience problems with their liver.			
Violation Type	**Violation Begin**	**Violation End**	**Violation Explanation**
MONITORING, ROUTINE MAJOR	01/01/2021	12/31/2021	We failed to test our drinking water for the contaminant and period indicated. Because of this failure, we cannot be sure of the quality of our drinking water during the period indicated.

Lead

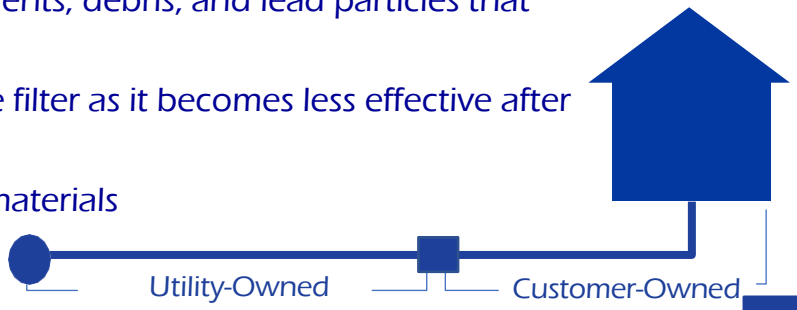
If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. CSWR-Texas is responsible for providing high quality drinking water but cannot control the variety of plumbing materials. 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.

In compliance with Federal Regulation (40 CFR Part 141 Subpart 1) CSWR finds it necessary for the health and safety of our customers to adopt lead control standards which ban the use of lead materials in the public drinking water system and private plumbing connected to the public drinking water system.

If you live in an older home or 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.

Reduce Your Exposure

1. **Flush your home's pipes** by running the tap before drinking the water. Residents should contact their water utility for recommendations about flushing times in their community.
2. **Use Cold water** only for drinking, cooking, and making baby formula. Boiling water does not remove lead.
3. **Clean your aerator** (screen of faucet) regularly to remove sediments, debris, and lead particles that naturally collect over time.
4. **Use a filter** that is certified to remove lead. Regularly replace the filter as it becomes less effective after expiration. Do not run hot water through the filter.
5. **Have a licensed plumber check** your plumbing for lead-based materials

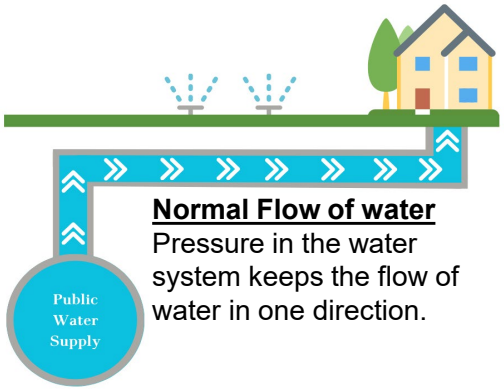


Backflow Prevention

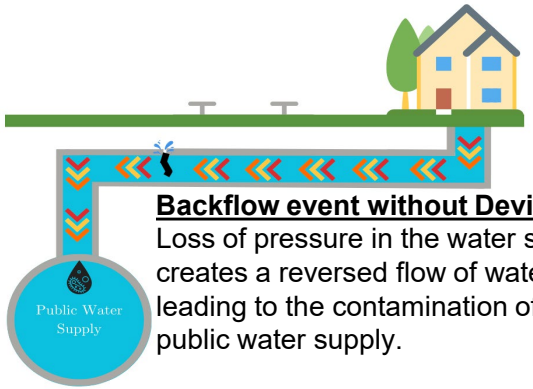
Backflow is the unwanted reversal of flow from a customer to the water supply. This is caused by a loss of pressure in the water supply line or an increase in pressure on the customer side. Common situations where backflow occurs are water main breaks or firefighting events. These events create low pressure in the distribution system. Backpressure can cause backflow when the pressure in a building exceeds the pressure in the water supply line, causing liquid from the customer's line to move into the water supply. Backflow Prevention Devices are designed to restrict the flow of water to one direction.

Cross Connection

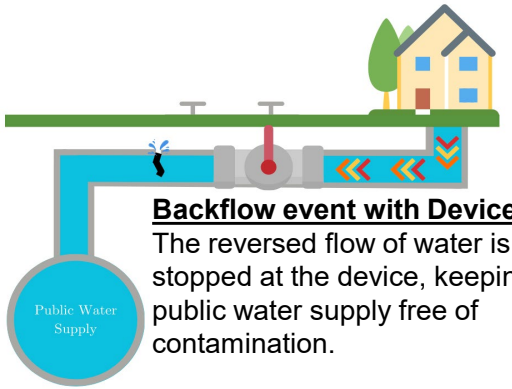
Cross-connections are links between a customer and the drinking water supply lines. Cross-Connections may contaminate the drinking water supply if there is a backflow event. Backflow through cross-connections are very serious and have the potential to cause serious health hazards.



Normal Flow of water
Pressure in the water system keeps the flow of water in one direction.



Backflow event without Device
Loss of pressure in the water system creates a reversed flow of water, leading to the contamination of the public water supply.



Backflow event with Device
The reversed flow of water is stopped at the device, keeping the public water supply free of contamination.

Common household items requiring installation of a Backflow Prevention Device

Lawn Irrigation/Sprinkler System, Pool, Hot Tub, Fire Protection Sprinklers and Boilers

If you have any questions about Backflow Prevention or would like to notify CSWR of your Backflow Devices, please call or email: CSWR-Texas Utility Operating Company at 1-866-301-7725 or support@cswrtexaswateruoc.com

How to Participate

Protecting drinking water at its source is an important part of the process to treat and deliver high quality water. It takes a community effort to protect shared resources. This includes utilities, businesses, residents, government and non-profit organizations.

If you have any questions about this report or concerning you water utility, please contact CSWR-Texas at 1-866-301-7725

WATER INFORMATION SOURCES:

Central States Water Resources (CSWR)
https://www.centralstateswaterresources.com/contact-us/

Texas Commission on Environmental Quality (TCEQ)
www.tceq.texas.gov

United States Environmental Protection Agency (USEPA)
www.epa.gov/safewater

Safe Drinking Water Hotline (800) 426-4791

Centers for Disease Control and Prevention www.cdc.gov

American Water Works Association www.drinktap.org

Water Quality Association www.wqa.org

National Library of Medicine/National Institute of Health
www.nlm.nih.gov/medlineplus/drinkingwater.html

WHAT CAN YOU DO?

Properly dispose of pharmaceuticals, household chemicals, oils and paints.

Clean up heating or fuel tank leaks with cat litter. Sweep material and seal in bag. Check with local facility for disposal.

Clean up after your pets and limit the use of fertilizers and pesticides.

Take part in watershed activities or volunteer outreach programs.