



2021 Annual Water Quality Report

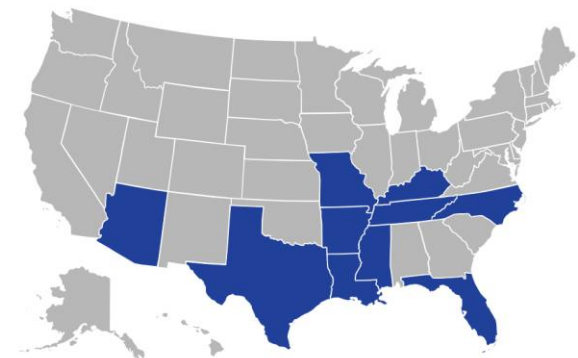
CSWR – Texas Utility Operating Company
Oak Hills Ranch
PWS ID: TX0940085

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



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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

A background image showing a splash of water with bubbles and droplets, set against a light blue gradient.

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 (866)-301-7725

Este informe contiene información importante sobre la fuente y la calidad de su agua potable. Si desea recibir una copia escrita del informe anual de la calidad del agua del 2021 en su casa, llame al número de teléfono (866)-301-7725

About Your Drinking Water Supply

WHERE YOUR WATER COMES FROM

Water Source: Groundwater

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 are 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.

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 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 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.

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.

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

pH: A measure of acidity, 7.0 being neutral.

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

NA: Not Applicable

ND: Not Detected

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 ($\mu\text{g/L}$).

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

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

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 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 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 Results

- 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.
- Some unregulated substances are measured, but MCLs have not been established by the government. These contaminants are shown for your information.
- Regulated contaminants not listed in this table were not found in the treated water supply.

Microbiological	Collection Date	Positive	Violation (Y or N)	Unit	MCL	MCLG	Typical Source
No Detected Results were found in the year 2021							
Inorganic Chemicals	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL	MCLG	Typical Source
Barium	6/16/2021	0.0842	NA	mg/L	2	2	Erosion of natural deposits; Discharge of drilling wastes; Discharge from metal refineries
Lead and Copper	Collection Date	90th Percentile	Samples Exceeding AL	Unit	AL	Typical Source	
Copper, Free	2021	0.2	0	mg/L	1.3	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives	
Lead	2021	0.0045	1	mg/L	0.015	Corrosion of household plumbing systems; Erosion of natural deposits	
Nitrate/Nitrite	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL	MCLG	Typical Source
Nitrate	6/16/2021	0.55	NA	mg/L	10	10	Erosion of natural deposits; Runoff from fertilizer use; Leaching from septic tanks or sewage
Nitrate-Nitrite	3/21/2019	0.53	NA	mg/L	10	10	Erosion of natural deposits; Runoff from fertilizer use; Leaching from septic tanks or sewage
Disinfectants	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL	MCLG	Typical Source
NA							
Disinfection Byproducts	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL	MCLG	Typical Source
TTHM	2021	0.001	NA	mg/L	0.08	0.08	Disinfection byproduct
HAA5	2021	0.0051	NA	mg/L	0.06	0.06	Disinfection byproduct
Radionuclides	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL	MCLG	Typical Source
Gross Alpha, Excl. Radon & U	5/24/2018	11.6	NA	pci/L	15	15	Erosion and decay of natural deposits
Combined Radium (-226 & -228)	5/24/2018	2.12	NA	pci/L	5	5	Erosion and decay of natural deposits
Synthetic Organic Chemicals	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL	MCLG	Typical Source
No Detected Results were found in the year 2021							
Volatile Organic Chemicals	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL	MCLG	Typical Source
No Detected Results were found in the year 2021							

During 2021 Oak Hills Ranch received the following violations:

- Failure to deliver the 2020 Consumer Confidence Report;
- Failure to test in accordance with the Lead and Copper Rule;
- Failure to public notice violations.



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. Cactus State is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Reduce Your Exposure



1. **Run your water**-Before drinking, flush your home's pipes by running the tap, taking a shower, doing laundry, or dishes. Residents should contact their water utility for recommendations about flushing times in their community.



2. **Using cold water**-Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water.



3. **Clean your aerator**-Regularly clean your faucet's screen (aerator). Sediments, debris, and lead particles can collect in your aerator.

4. **Use your filter properly**-If you use a filter, make sure you can use a filter certified to remove lead. Know when to place the filter. Using the cartridge after it has expired can make it less effective at removing lead. Do not run hot water through the filter.



5. **Have a licensed plumber check your plumbing for lead**. If you live in an older home, or are concerned about lead in your water, you may wish to have your water tested.



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.

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.

*****IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER*****

Oak Hills Ranch Water System (TX0940085), Guadalupe County

Monitoring and Reporting Violations

Oak Hills Ranch Water system, while under previous ownership, violated the monitoring and reporting requirements set by Texas Commission on Environmental Quality (TCEQ) in Chapter 30, Section 290, Subchapter F. Even though these were not emergencies, as our customers, you have the right to know what happened and what we are doing to correct this situation.

What happened?

Oak Hills Ranch Water is required to monitor and report analysis for your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the following periods, the previous owners did not monitor and/or report for the following samples and therefore cannot be sure of the quality of your drinking water during that time.

The tables below lists the contaminants Oak Hills Ranch Water did not properly test for during the last year, how often we are supposed to sample for these contaminants, how many samples we are supposed to take, how many samples we took, when samples should have been taken, and the date on which the follow-up samples will be taken.

Oak Hills Ranch Water is required to properly disinfect water before distribution, maintain acceptable disinfection residuals within the distribution system, monitor the 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.

Type of Violation	Time Period(s) of Violation	# Samples Required	# Samples Submitted
Disinfectant Quarterly Operating Report	4Q2020-3Q2019, 4Q2018, 3Q2018	N/A	N/A

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

Type of Violation	Time Period(s) of Violation	# Samples Required	# Samples Submitted
Groundwater Rule	4/2020 12/2013	1/month	0

Oak Hills Ranch Water failed to monitor and/or report the following constituents:

Constituent	Time Period(s) of Violation
Nitrate DBP2 VOC	YR2020, YR2019
Nitrite	YR2019
Cyanide SOC5	3YR2020
RAD	6YR2018
NO32	YR2010

During routine monitoring, our water system tested positive for total coliforms. *Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessments to identify problems and to correct any problems that are found. **We failed to conduct the required assessment by 7/02/2020.**

Type of Violation	Time Period(s) of Violation	# Samples Required	# Samples Submitted
Level 1 Assessment	7/02/2020	1	0

Type of Violation	Time Period(s) of Violation	# Samples Required	# Samples Submitted	When samples were taken
Lead and Copper Monitoring	1/1/2018-12/31/2018 1/1/2019-12/31/2019 1/1/2020-12/31/2020	10/year	0	06/2021

What is being done?

Central States Water Resources Texas (CSWR-TX) purchased the facility on April 26, 2021 and personnel are working to correct the problem. CSWR-TX will continue to work with the TCEQ to ensure the facility samples all analytes in accordance with State and Federal requirements.

What should you do?

There is nothing you need to do. You do not need to boil your water or take any other corrective actions. If this had been an emergency, or an emergency situation arises, you will be notified within 24 hours of the event and provided with directions to address the emergency. You do not need to use an alternative water supply. However, if you have health concerns, you may want to talk to your doctor to get more information about how this may affect you.

If you have a severely compromised immune system, are pregnant, or are elderly, you may be at increased risk and should seek advice from your healthcare provider about drinking this water. You should also seek advice from your healthcare provider about using the water if you have an infant.



General guidelines on ways to lessen the risk of infection by bacteria and other disease-causing organisms are available from EPA's Safe Drinking Water Hotline at 1-800-426-4791.

Please share this information with all other 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.

For more information, please contact Central States Water Resources Texas UOC Customer Experience by phone at 1-866-301-7725, by email at support@cswrtexasuoc.com, or by mail at 1630 Des Peres Road, Suite 140, St. Louis, MO 63131.

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