

# 2021 CERTIFICATION

Consumer Confidence Report (CCR)

2022 JUL 1 PM 3:57

Park Utilities

PRINT Public Water System Name  
MS0520023

List PWS ID #s for all Community Water Systems included in this CCR

## CCR DISTRIBUTION (Check all boxes that apply)

INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
<input type="checkbox"/> Advertisement in local paper (Attach copy of advertisement)	
<input type="checkbox"/> On water bill (Attach copy of bill)	
<input type="checkbox"/> Email message (Email the message to the address below)	
<input type="checkbox"/> Other (Describe: _____)	
DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE ISSUED
<input checked="" type="checkbox"/> Distributed via U.S. Postal Service	06/30/2021
<input type="checkbox"/> Distributed via E-mail as a URL (Provide direct URL): _____	
<input type="checkbox"/> Distributed via Email as an attachment	
<input type="checkbox"/> Distributed via Email as text within the body of email message	
<input type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication)	
<input type="checkbox"/> Posted in public places (attach list of locations or list here) _____	
<input checked="" type="checkbox"/> Posted online at the following address (Provide direct URL): <a href="https://www.centralstateswaterresources.com/wp-content/uploads/2022/06/Parks-Utilities-Consumer-Confidence-Report-2021.pdf">https://www.centralstateswaterresources.com/wp-content/uploads/2022/06/Parks-Utilities-Consumer-Confidence-Report-2021.pdf</a>	06/30/2021

## CERTIFICATION

I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its customers in accordance with the appropriate distribution method(s) based on population served. Furthermore, I certify that the information contained in the report is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR requirements of the Code of Federal Regulations (CFR) Title 40, Part 141.151 – 155.

Mandy Sappington

EH&S Compliance Manager

06/30/2021

Name

Title

Date

## SUBMISSION OPTIONS (Select one method ONLY)

You must email or mail a copy of the CCR, Certification, and associated proof of delivery method(s) to the MSDH, Bureau of Public Water Supply.

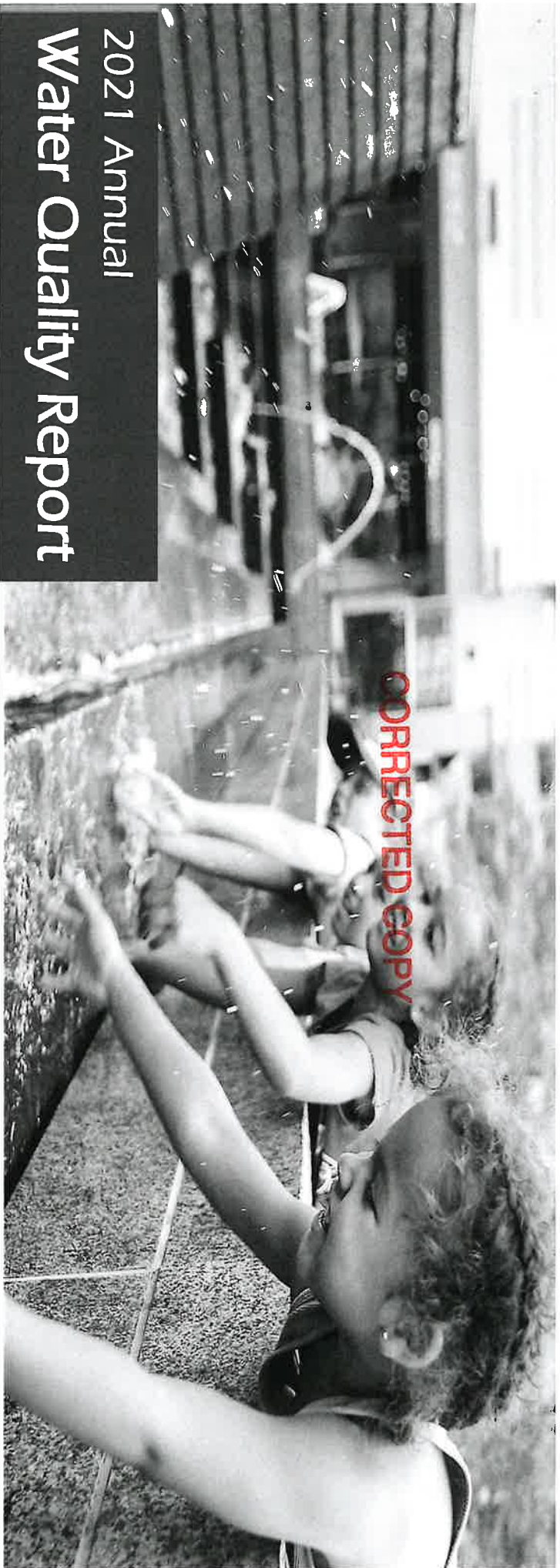
Mail: (U.S. Postal Service)

Email: [water.reports@msdh.ms.gov](mailto:water.reports@msdh.ms.gov)

MSDH, Bureau of Public Water Supply

P.O. Box 1700

Jackson, MS 39215



2021 Annual  
Water Quality Report

Great River Utility Operating Company  
Parks Utilities  
PWS ID MS0520023



**GREAT RIVER**  
Utility Operating Company  
A CSWR Managed Utility

**ATTENTION: Landlords and  
Apartment Owners**  
Please share a copy of this notice with your tenants.  
It includes important information about their  
drinking water quality.



- 03 About Us
  - 04 About Your Drinking Water Supply
  - 05 Definition of Terms
  - 06 Sources of Contaminants
  - 07 Water Quality Results
  - 08 Notices of Violation
  - 09 Lead
  - 10 How to Participate
- 

## **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  
(855)-801-8440

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  
(855)-801-8440

# About Your Drinking Water Supply

## WHERE YOUR WATER COMES FROM

### **Water Source: Groundwater**

**Source Water Assessment:** The Mississippi Department of Environmental Quality has conducted a source water assessment in your area. They have determined that your system is at a lower risk of contamination.

**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 ( $\text{mg/L}$ ).

**Parts per trillion (ppt):** One part substance per trillion parts water or nanograms per liter ( $\text{ng/L}$ ).

# 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 from a health care provider. For more information visit [www.epa.gov/safewater/healthcare/special.html](http://www.epa.gov/safewater/healthcare/special.html).

# Water Quality Results

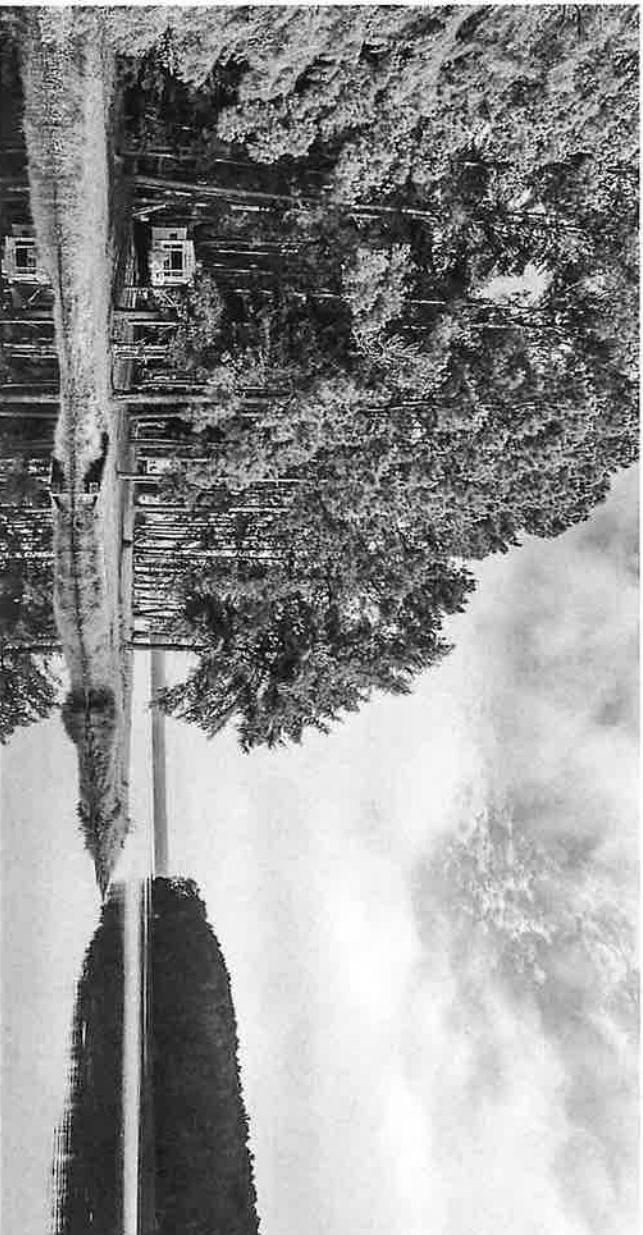
- Central States and our Utility Operating Companies conduct extensive monitoring to determine if your water meets all water quality standards. The detections of our monitoring are reported in the following tables.
- Some unregulated substances are measured, but MCLs have not been established by the government. These contaminants are shown for your information.
- Regulated contaminants not listed in this table were not found in the treated water supply.

<b>Microbiological (RTCRI)</b>	<b>Collection Date</b>	<b>Positive</b>	<b>Violation (Y or N)</b>	<b>Unit</b>	<b>MCL/MCLG</b>	<b>Typical Source</b>	
No Detected Results were found in the year 2021							
<b>Inorganic Chemicals (IOC)</b>	<b>Collection Date/High Test Result Range of Sampled Result</b>	<b>Unit</b>	<b>MCL/MCLG</b>	<b>Typical Source</b>			
No Detected Results were found in the year 2021							
<b>Lead and Copper</b>	<b>Collection Date 90th Percentile</b>	<b>Samples Exceeding AL</b>	<b>Unit</b>	<b>AL</b>	<b>ALG</b>	<b>Typical Source</b>	
Copper	2018-2020	0.2699	0	mg/L	1.3	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives	
Lead	2018-2020	0.001	0	mg/L	0.015	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives	
<b>Nitrate/Nitrite</b>	<b>Collection Date/High Test Result Range of Sampled Result</b>	<b>Unit</b>	<b>MCL/MCLG</b>	<b>Typical Source</b>			
No Detected Results were found in the year 2021							
<b>Synthetic Organic Chemicals (SOC)</b>	<b>Collection Date/High Test Result Range of Sampled Result</b>	<b>Unit</b>	<b>MCL/MCLG</b>	<b>Typical Source</b>			
No Detected Results were found in the year 2021							
<b>Volatile Organic Chemicals (VOC)</b>	<b>Collection Date/High Test Result Range of Sampled Result</b>	<b>Unit</b>	<b>MCL/MCLG</b>	<b>Typical Source</b>			
No Detected Results were found in the year 2021							
<b>Disinfectants</b>	<b>Collection Date</b>	<b>Highest LRAA</b>	<b>Range of Sampled Result</b>	<b>Unit</b>	<b>MCL/MCLG</b>	<b>Typical Source</b>	
Chlorine	2020	1.6	.4 - 1.6	mg/L	4	4	Water additive used to control microbes
<b>Disinfection Byproducts</b>	<b>Collection Date/High Test Result Range of Sampled Result</b>	<b>Unit</b>	<b>MCL/MCLG</b>	<b>Typical Source</b>			
No Detected Results were found in the year 2021							
<b>Radionuclides</b>	<b>Collection Date/High Test Result Range of Sampled Result</b>	<b>Unit</b>	<b>MCL/MCLG</b>	<b>Typical Source</b>			
No Detected Results were found in the year 2021							



# Notices of Violation


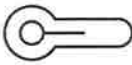
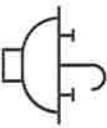
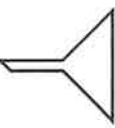
No Violations Occurred in the Calendar Year of 2021

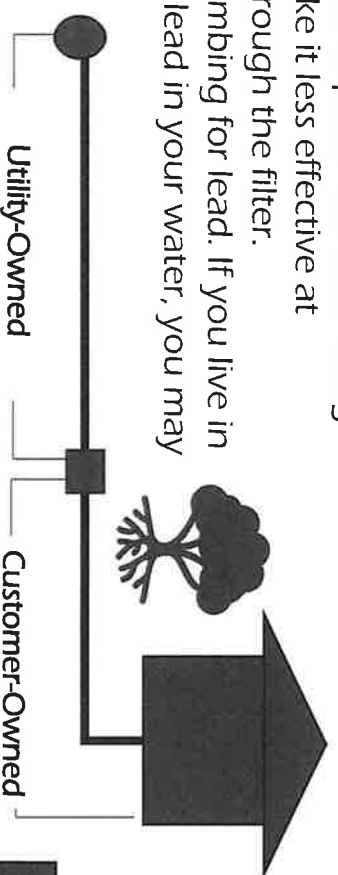


# Lead

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/>

**Mississippi Department of Health/Bureau of Public Water Supply**  
<https://apps.msdh.ms.gov/DWW/>

**United States Environmental Protection Agency (USEPA)**  
[www.epa.gov/safewater](http://www.epa.gov/safewater)

**Safe Drinking Water Hotline**  
(800) 426-4791

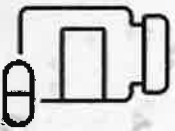
**Centers for Disease Control and Prevention** [www.cdc.gov](http://www.cdc.gov)

**American Water Works Association** [www.drinktap.org](http://www.drinktap.org)

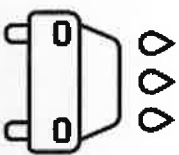
**Water Quality Association** [www.wqa.org](http://www.wqa.org)

**National Library of Medicine/National Institute of Health**  
[www.nlm.nih.gov/medlineplus/drinkingwater.html](http://www.nlm.nih.gov/medlineplus/drinkingwater.html)

## WHAT CAN YOU DO?



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



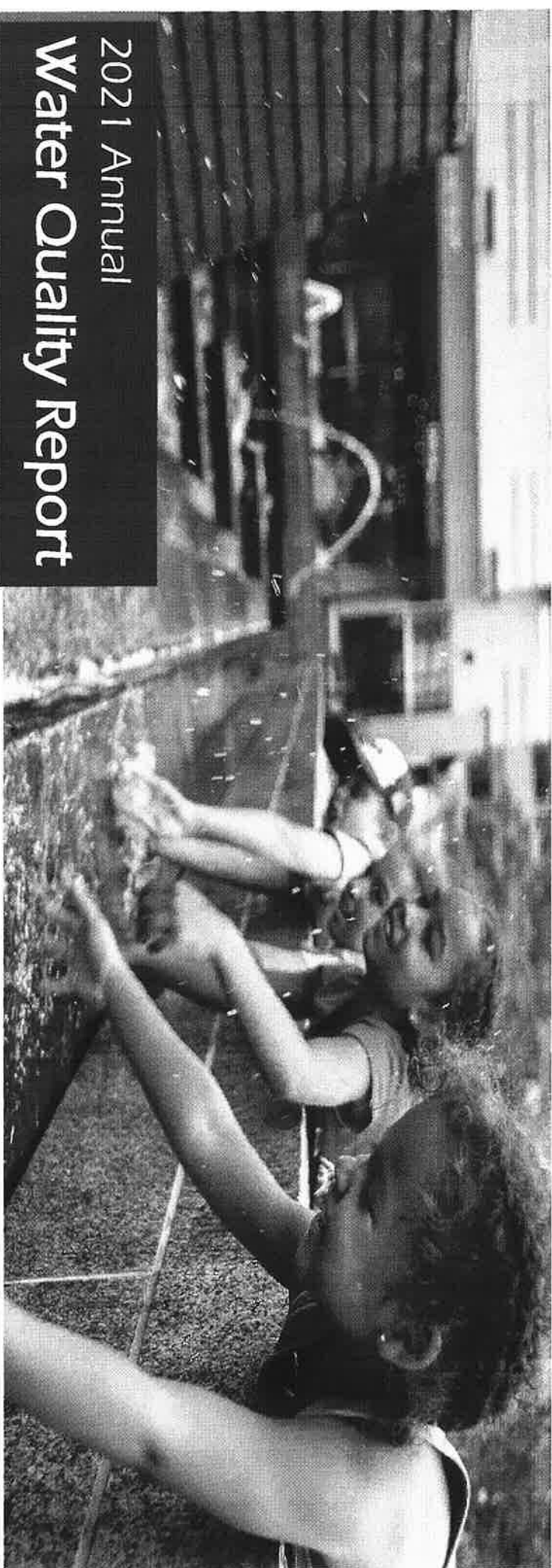
Clean up heating or fuel tank leaks with cat litter. Sweep material and seal in bag. Check with local facility for disposal.



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



Take part in watershed activities or volunteer outreach programs.



2021 Annual  
**Water Quality Report**

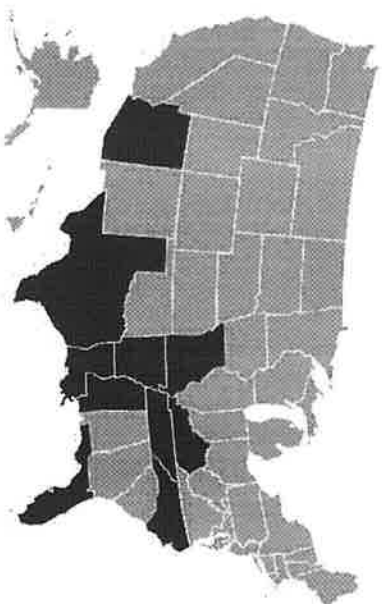
**Great River Utility Operating Company**  
**Parks Utilities**  
**PWS ID MS0520023**



**GREAT RIVER**  
**Utility Operating Company**  
A CSWR Managed Utility

**ATTENTION: Landlords and  
Apartment Owners**

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



- 03 About Us
  - 04 About Your Drinking  
Water Supply
  - 05 Definition of Terms
  - 06 Sources of Contaminants
  - 07 Water Quality Results
  - 08 Notices of Violation
  - 09 Lead
  - 10 How to Participate
- 

## **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 (855)-801-8440

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 (855)-801-8440

# About Your Drinking Water Supply

## WHERE YOUR WATER COMES FROM

### **Water Source: Groudwater**

**Source Water Assessment:** The Mississippi Department of Environmental Quality has conducted a source water assessment in your area. They have determined that your system is at a lower risk of contamination.

**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 ( $\text{mg/L}$ ).

**Parts per trillion (ppt):** One part substance per trillion parts water or nanograms per liter ( $\text{ng/L}$ ).



# 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 from a health care provider. For more information visit [www.epa.gov/safewater/healthcare/special.html](http://www.epa.gov/safewater/healthcare/special.html).

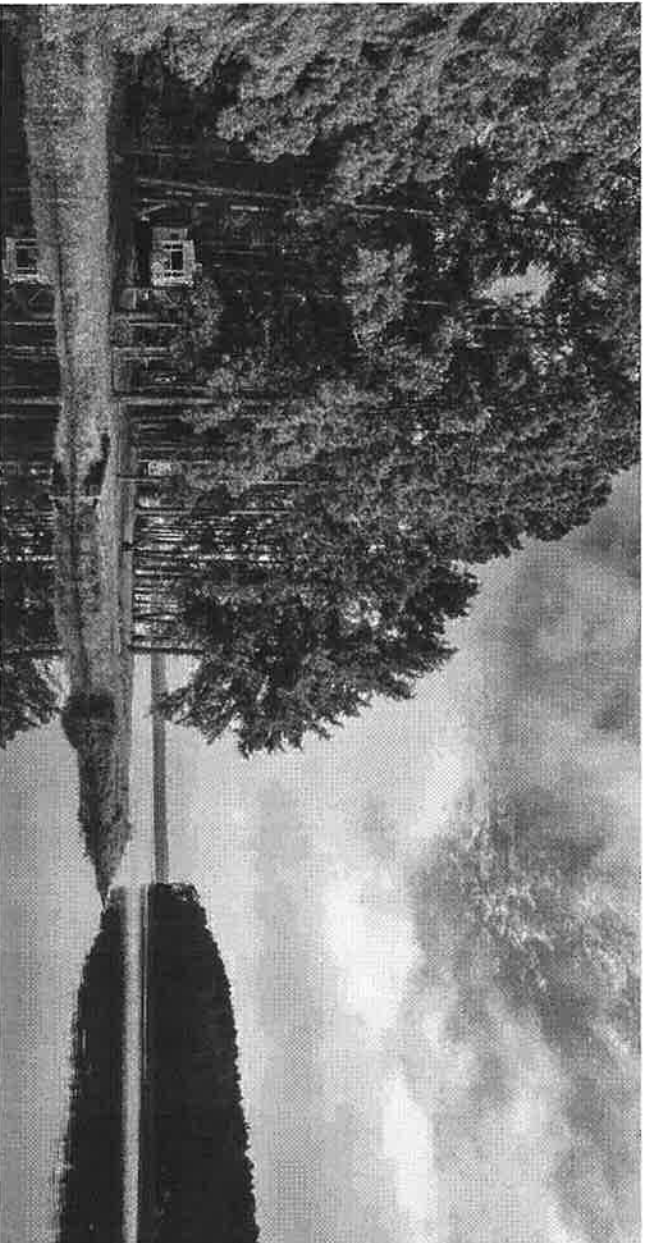
# Water Quality Results

- 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 (RTCR)	Collection Date	Positive	Violation (Y or N)	Unit	MCL MCLG	Typical Source	
No Detected Results were found in the year 2021							
Inorganic Chemicals (IOC)	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL MCLG	Typical Source	
No Detected Results were found in the year 2021							
Lead and Copper	Collection Date	90th Percentile	Samples Exceeding AL	Unit	AL	ALG	Typical Source
Copper	2018-2020	0.2699	0	mg/L		1.3	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Lead	2018-2020	0.001	0	mg/L		0.02	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Nitrate/Nitrite	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL MCLG	Typical Source	
No Detected Results were found in the year 2021							
Synthetic Organic Chemicals (SOC)	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 (VOC)	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL MCLG	Typical Source	
No Detected Results were found in the year 2021							
Disinfectants	Collection Date	Highest LRAA	Range of Sampled Results	Unit	MCL MCLG	Typical Source	
Chlorine	2020	1.6	4 - 1.6	mg/L	4	4	Water additive used to control microbes
Disinfection Byproducts	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL MCLG	Typical Source	
No Detected Results were found in the year 2021							
Radionuclides	Collection Date	Highest Test Result	Range of Sampled Results	Unit	MCL MCLG	Typical Source	
No Detected Results were found in the year 2021							

# Notices of Violation

No Violations Occurred in the Calendar Year of 2021



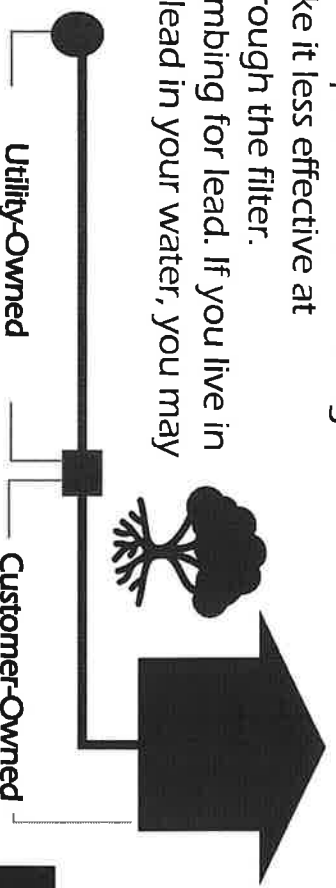
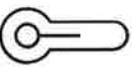
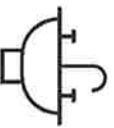
# Lead

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.



Utility-Owned

Customer-Owned

# 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/>

**Mississippi Department of Health/Bureau of Public Water Supply**  
<https://apps.msdh.ms.gov/DWW/>

**United States Environmental Protection Agency (USEPA)**  
[www.epa.gov/safewater](http://www.epa.gov/safewater)

**Safe Drinking Water Hotline**  
(800) 426-4791

**Centers for Disease Control and Prevention** [www.cdc.gov](http://www.cdc.gov)

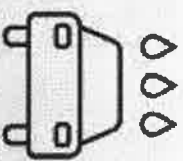
**American Water Works Association** [www.drinktap.org](http://www.drinktap.org)  
**Water Quality Association** [www.wqa.org](http://www.wqa.org)

**National Library of Medicine/National Institute of Health**  
[www.nlm.nih.gov/medlineplus/drinkingwater.html](http://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.



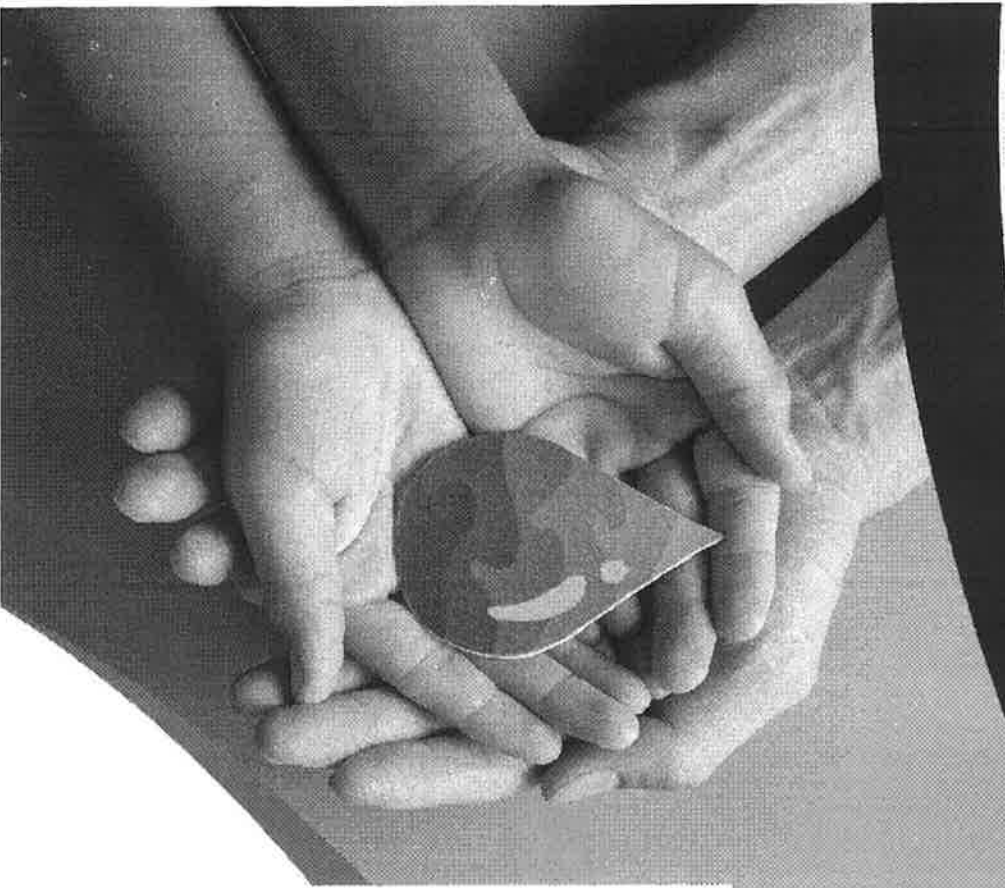
Take part in watershed activities or volunteer outreach programs.



**GREAT RIVER**  
**Utility Operating Company**

A CSWR Managed Utility

1630 Des Peres Rd., Suite 140  
Des Peres, MO 63131



# HOW TO FIND YOUR 2021 WATER QUALITY REPORT.



**GREAT RIVER**  
Utility Operating Company  
A CSWR Managed Utility

Our mission is to provide you with safe, reliable and environmentally responsible water.

Scan the QR code to see your water system's annual Consumer Confidence Report, or visit this URL:  
<https://www.centralstateswaterresources.com/wp-content/uploads/2022/06/Twelve-Oaks-Estates-Consumer-Confidence-Report-2021.pdf>

SCAN ME TO  
LEARN MORE



To request a paper copy, please call **1-855-801-8440**.

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono **1-855-801-8440**.

# “2021 Annual Drinking Water Quality Report”

## Parks Utilities

PWS ID: 0520023

June 1, 2022

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is one well. Our well draws from the Gordo Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are **moderate susceptibility** to contamination and is available for viewing upon request.

I'm pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please **contact Jeanine Harrell at 662-456-2011**. We want our valued customers to be informed about their water utility. If you want to learn more, please contact Jeanine Harrell to schedule a meeting.

**Parks Utilities** routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2021. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

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

**Action Level** - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Treatment Technique (TT)** - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

**Maximum Contaminant Level** - The “Maximum Allowed” (MCL) is 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** - The “Goal” (MCLG) is 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.

**MRDL: Maximum residual disinfectant level.** 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.

*Parts per million (ppm)* – Milligrams per liter (mg/L).

*Parts per billion (ppb)* – Micrograms per liter (ug/L).



TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Your Water	Range of Detects or # Of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Disinfectants &amp; Disinfection By-Products</b>								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (As Cl <sub>2</sub> ) (ppm)	N	2021	1.00	0.60-1.70	Ppm	1.00	1.00	Water additive used to control microbes
TTHM	N	2021	78	NO RANGE	Ppb	NA	80	Byproduct of drinking water disinfection
HAA5	N	2021	78	No Range	Ppb	NA	60	Byproduct of drinking Water disinfection
<b>Inorganic Contaminants</b>								
Barium	N	2020*	0.01	No-range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	N	2020*	ND	No-range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Lead	N	2021	0.001	No-range	Mg/l	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Copper	N	2021	0.3	No-range	Mg/l	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride	N	2020*	.174	No-range	ppm	4.0	4.0	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

*\*Most recent sample. No sample was required in 2021. \*ND=No Detect*

**\*\*Additional Information for Lead\*\***

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. **Parks Utilities** 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>. Please contact 601-576-7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or manmade. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All 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 the 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 at 1-800-426-4791.

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

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

## Monitoring and Reporting of Compliance Data Violations

TT Violation	Explanation	Duration of Violation	Corrective Action	Health Effects Language
Ground Water Rule	Failure to Address Deficiency	06/01/2021	Groundwater Rule	Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites, which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches