

2021 CERTIFICATION

Consumer Confidence Report (CCR)

City of Durant

(PRINT) Public Water System Name

02160016

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

2022 JUL 25

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 type="checkbox"/> Distributed via U.S. Postal Service	
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<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)	<i>6/9/2022</i>
<input type="checkbox"/> Posted in public places (attach list of locations or list here) _____	
<input type="checkbox"/> Posted online at the following address (Provide direct URL): _____	

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.

Wanda Perry
Name

Clark
Title

6/9/2022
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)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Email: water.reports@msdh.ms.gov

2021 Annual Drinking Water Quality Report

City of Durant
PWS ID# 0260006
June 2021

2022 JUL 22 PM 2:43

We are pleased to present to you this year's Annual Drinking Water Quality Report. This report is a snapshot of last year's water quality. Included are details about from where your water comes, what it contains, and how it compares to standards set by regulatory agencies. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water and to providing you with this information, because informed customers are our best allies. Our water source is groundwater. Our wells draw from the Meridian Upper Wilcox aquifer.

A Source Water Assessment has been completed for our public water system to determine the overall susceptibility of the drinking water supply and to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water supply and is available upon request. The wells for The City of Durant have received moderate to higher susceptibility rankings to contamination.

If you have any questions about this report or concerning your water, please contact Mayor Johnny Haynes at 662 653-3221. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held at 6:30 P.M. on the 1st and 3rd Tuesday of each month at city hall.

We routinely monitor for over 150 contaminants in your drinking water according to Federal and State laws. The table below lists all the drinking water contaminants that we detected in the last round of sampling for the particular contaminant group. Unless otherwise noted, the data presented in this table is from testing done January 1 through December 31, (2021). 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. All drinking water, including bottled water may be reasonably expected to contain at least small amounts of some constituents. The presence of contaminants does not necessarily indicate that water poses 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:

Parts per million (ppm) or Milligrams per liter (mg/L) - One part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter (ug/L) - One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

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

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.

TEST RESULTS

Inorganic Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range Low High	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	*2018	N	0.0758	NO RANGE	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

Disinfectants and Disinfection Byproducts Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range of detects	MCLG/MCL	Likely Source of Contamination
Chlorine (ppm)	2021	N	1.20	1.10-1.24	0 / MRDL =4	Water additive used to control microbes

Unregulated Contaminants

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range Low High	MCLG	MCL	Likely Source of Contamination
Sodium (ppm)	2021	N	64.8	No Range	20	None	Road Salt, Water treatment Chemicals, Water Softeners and Sewage Effluents

**Most Recent Sample. No sample required for 2021*

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulations are warranted.

To comply with the “Regulation Governing Fluoridation of Community Water Supplies”, MS0260006 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 was 0. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 was 0%.

We are required to monitor your drinking water for specific contaminants monthly. Results of regular monitoring are an indicator of whether our drinking water meets health standards. To ensure systems complete all monitoring requirements, MSDH now notifies systems of any samples prior to the end of the monitoring period.

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. The City of Durant 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>. The Mississippi State Department of Health Public Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

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).

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).

The City of Durant works around the clock to provide top quality water to every tap. 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.

PROOF OF PUBLICATION

HOLMES COUNTY HERALD

LEXINGTON, MISSISSIPPI

STATE OF MISSISSIPPI, HOLMES COUNTY

Personally appeared before me, the undersigned authority, Chancery Clerk of said County and State, Maria M. Edwards, publisher of a public newspaper called the *Holmes County Herald* established in 1959 and published continuously since that date in said County and State, who, being duly sworn, deposed and said that the notice, of which a true copy is hereto annexed, was published in said paper for 1 time(s), as follows, to wit:

2021 Annual Drinking Water Quality Report
City of Durant
WWS ID# 036960
June 2022

We are pleased to present you with your Annual Drinking Water Quality Report. This report is a snapshot of last year's water quality. Included are details about how your water comes, what it contains, and how it compares to standards set by regulatory agencies. Our concern is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water and to providing you with this information because informed consumers are our best allies. Our water source is groundwater. Our wells draw from the Meridian Upper White aquifer.

A Source Water Assessment has been completed for our public water system to determine the overall vulnerability of the drinking water supply and to identify potential sources of contamination. The general susceptibility findings are listed below. If this system are provided, the following table is a report of your detailed information on how the water treatment process was able to have been affected by our public water supply and a table of your water quality results for the City of Durant have received incidents to higher standards by regulatory agencies.

If you have any questions about this report or concerning your water, please contact Maryellen Haynes at 662-633-3321. We want our valued customers to be informed about their water quality. If you want to learn more, please email any of our regularly scheduled meetings. They are held at 6:30 P.M. on the 14 and 21 Tuesday of each month at our hall.

We routinely monitor for over 150 contaminants in your drinking water according to Federal and State laws. The table below lists all the drinking water contaminants that we detected in the past year of sampling for the particular compliance group. Unless otherwise noted, the data presented in this table is from testing done January 1 through December 31, (2021). As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive materials, and can pick up substances resulting from the presence of animals or from human activity. All drinking water, including bottled water, can be potentially exposed to certain small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses 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 items we've provided the following definitions:

Parts per million (ppm) or Milligrams per liter (mg/L) - One part per million corresponds to one minute in two years (or a single penny in \$10,000,000).

Parts per billion (ppb) or Micrograms per liter (µg/L) - One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000,000.

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

Maximum Contaminant Level (MCL) - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG as is 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.

TEST RESULTS

Inorganic Contaminants						
Contaminant (unit)	Sample Date	MCL Violation Y/N	Year Water	Range Low-High	MCLG	MCL
Barium (ppm)	2021	N	4	0.6724	NO RANGE	2

Disinfection By-Products Contaminants						
Contaminant (unit)	Sample Date	MCL Violation Y/N	Year Water	Range of MCLG	MCLG/MCL	Likely Source of Contamination
Trihalomethanes (ppm)	2021	N	1.20	1.0-1.34	0.8/1.6	Disinfection of drinking water; discharge from metal refineries; metal pipe corrosion

Organic Contaminants						
Contaminant (unit)	Sample Date	MCL Violation Y/N	Year Water	Range Low-High	MCLG	MCL
Trichloroethylene (ppm)	2021	N	44.8	NO RANGE	20	None

Note: For more samples, see sample request form 2022.

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulations are warranted.

We are required to monitor your drinking water for specific contaminants routinely. Results of regular monitoring are an indicator of whether our drinking water meets health standards. To ensure we meet all monitoring requirements, MWH's new water treatment system is operational prior to the end of the monitoring period.

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. The City of Durant is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When you wake up in the morning for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 1 minute before using water for drinking or cooking. If you use bottled water, and for any other use, you may wish to have your water tested. For more information on lead testing, visit www.epa.gov/lead or call 1-800-426-4791. The Mississippi State Department of Health Public Laboratory offers lead testing for \$10 per sample. Please contact 601-576-2382 if you wish to have your water tested.

Drinking water, including bottled water, may occasionally be contaminated by certain very small amounts of some substances. 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).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, such as those with cancer undergoing chemotherapy, persons who have undergone organ transplants, people on dialysis or other immune system suppressors, young children, and the elderly can be particularly at risk from infections. The use of bottled water is one way to reduce the risk of infection by Cryptosporidium and other microbial contaminants. For more information on vulnerable populations, visit the Safe Drinking Water Hotline (800-426-4791).

The City of Durant works around the clock to provide the quality water to every tap. We ask that all our customers help us protect our water system, which we the heart of our community, our way of life and our children's future.

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Maria M. Edwards
Publisher

Witness my hand and official seal at Lexington, Mississippi this
the 9th day of JUNE, 2022.
Charlene Ricketts Chancery Clerk
by Chandra E. Hammond D.C.
19 INC. MISS. COUNTY, MISS. Amount \$ 148.50

