

RECEIVED
MSDH-WATER SUPPLY
2023 JUN 29 PM 1:53

Certification

<u>Water systems serving 10,000 or more must use:</u> Distribution Method I		OFFICE USE ONLY
<u>Water systems serving 500 - 9,999 must use:</u> Distribution Method I OR Distribution Method II, III, and IV		
<u>Water system serving less than 500 people must use:</u> Distribution Method I OR Distribution Method II, III, and IV OR Distribution Method III and IV		
Public Water Supply name(s):	7-digit Public Water Supply ID #(s):	
City of Sardis	0540018	
Distribution (Methods used to distribute CCR to our customers)		
<input type="checkbox"/> I. CCR directly delivered using one or more method below:		
<input type="checkbox"/> *Provided direct Web address to customer <input type="checkbox"/> Hand delivered <input type="checkbox"/> Mail paper copy <input type="checkbox"/> Email	*Add direct Web address (URL) here: Example: "The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf . call (000) 000-0000 for paper copy".	
<input checked="" type="checkbox"/> II. Published the complete CCR in the local Newspaper.	Date(s) published: 06/21/2023	
<input checked="" type="checkbox"/> III. Inform customers the CCR will not be mailed but is available upon request. List method(s) used (examples – newspaper, water bills, newsletter, etc.).	Date(s) notified: Location distributed:	
<input checked="" type="checkbox"/> IV. Post the complete CCR continuously at the local water office. <input type="checkbox"/> "Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)	Date: Locations posted:	
Certification		
This Community public water system confirms it has distributed its Consumer Confidence Report (CCR) to its customers and the appropriate notices of availability have been given and that the information contained in its CCR is correct and consistent with the compliance monitoring data previously submitted to the MS State Department of Health, Bureau of Public Water Supply and the requirements of the CCR rule.		
Name: 	Title: Mayor	Date: June 23, 2023
Submittal		
Email the following required items to water.reports@msdh.ms.gov regardless of distribution methods used. 1. CCR (Water Quality Report) 2. Certification 3. Proof of delivery method(s)		

City of Sardis
2022 Water Quality Report
PWS# 0540018



Prepared by

Mitchell Technical Services, Inc.

325 West McKnight

Murfreesboro, TN 37129

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Report availability

This report is not mailed to the residents; however, it is published annually in the local paper and is also posted in the central office on the bulletin board for review.

Do I need to take special precautions?

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water comes from the Lower and Middle Wilcox Aquifer. The City has 2 deep wells to serve its customers.

Source water assessment and its availability

Our source water assessment has been completed by the Mississippi State Department of Health. The results of the report are available at:

<https://landandwater.deq.ms.gov/swap/reports/report.aspx?id=0540018>

The susceptibility ranking of each of our wells was **Higher**.

Why are there contaminants in my drinking water?

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 (EPA) Safe Drinking Water Hotline (800-426-4791).

Other information

You may want additional information about your drinking water. You may contact our certified waterworks operator, or you may prefer to log on to the Internet and obtain specific information about your system and its compliance history at the following address:

<http://www.msdh.state.us/watersupply/index.htm>

Information including current and past boil water notices, compliance and reporting violations, and other information pertaining to your water supply including "Why, When, and How to Boil Your Drinking Water" may be obtained.

Certified Operator:	Quinn West	Phone	662-487-2371
Operations Firm:	MTS, Inc.	Fax	662-487-3389

How can I get involved? Call our office at 662-487-2371 for more information.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

<u>Contaminants</u>	<u>MCLG</u> or <u>MRDLG</u>	<u>MCL,</u> <u>TT, or</u> <u>MRD</u> <u>L</u>	<u>Your</u> <u>Water</u>	<u>Range</u>		<u>Sample</u> <u>Date</u>	<u>Violation</u>	<u>Typical Source</u>
				<u>Low</u>	<u>High</u>			
Disinfectants & Disinfectant By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl ₂) (ppm)	4	4	1.20	0.24	2.19	2022	No	Water additive used to control microbes
TTHMs [Total Trihalomethanes] (ppb)	NA	80	38	NR	NR	2017	No	By-product of drinking water disinfection
Haloacetic acids Haa5 (ppb)	NA	60	10	NR	NR	2017	No	By-product of drinking water disinfection

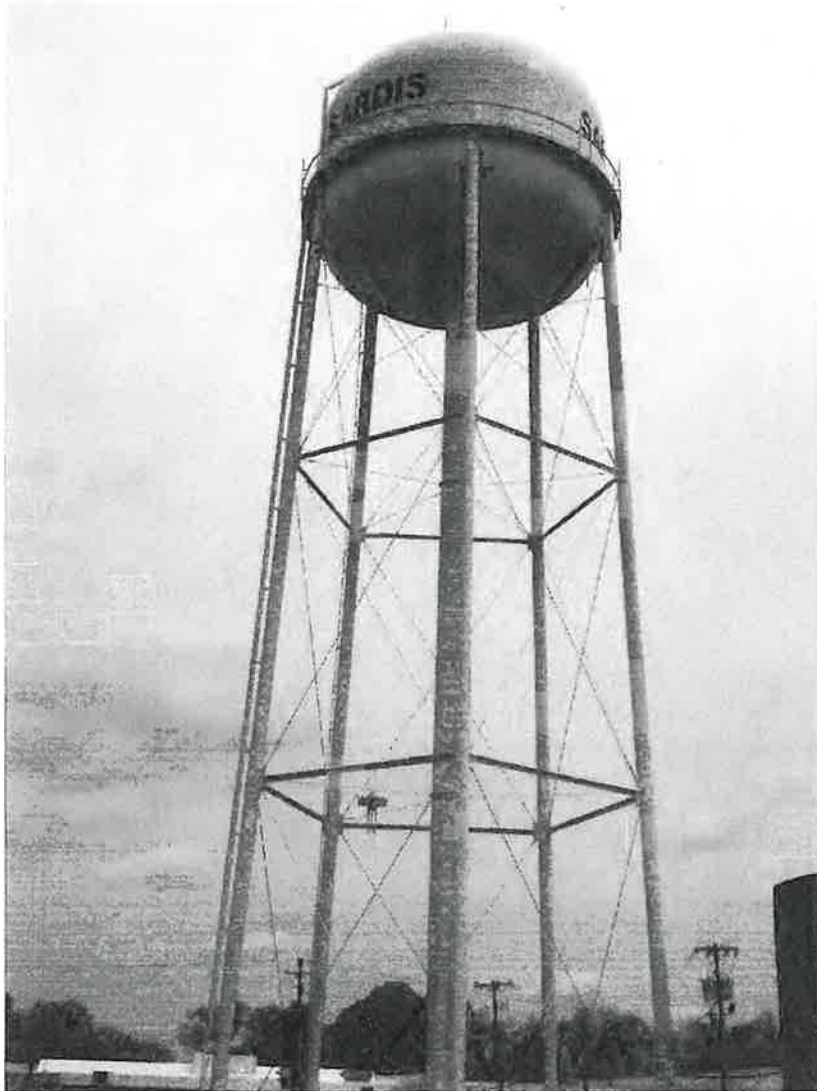
<u>Contaminants</u>	<u>MCLG</u> or <u>MRDLG</u>	<u>MCL,</u> <u>TT, or</u> <u>MRDL</u>	<u>Your</u> <u>Water</u>	<u>Range</u> <u>Low</u> <u>High</u>		<u>Sample</u> <u>Date</u>	<u>Violation</u>	<u>Typical Source</u>
Inorganic Contaminants								
Fluoride (ppm)	4	4	0.16	NR	NR	2022	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Barium (ppm)	2	2	0.0098	NR	NR	2022	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Cyanide (ppm)	0.20	0.2 0	<0.015	NR	NR	2022	No	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Chromium (ppm)	0.10	0.1 0	<0.000 5	NR	NR	2022	No	Discharge from steel and pulp mills; erosion of natural deposits
Nitrates								
Nitrate (ppm)	10	10	<0.08	NR	NR	2022	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrites (ppm)	1	1	<0.02	NR	NR	2022	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrates- Nitrites (ppm)	10	10	<0.1	NR	NR	2022	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your</u> <u>Water</u>	<u>Sample</u> <u>Date</u>	<u># Samples</u> <u>Exceeding AL</u>	<u>Exceeds</u> <u>AL</u>	<u>Typical Source</u>
Inorganic Contaminants							
Lead - action level at consumer taps (ppb)	0	15	1	2022	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Copper - action level at consumer taps (ppm)	1.3	1.3	0.2	2022	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Unit Descriptions	
Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.
pCi/L	Picocuries per liter is a measure of radioactivity on water.
Important Drinking Water Definitions	
Term	Definition
MCLG	MCLG: Maximum Contaminant Level Goal: 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.
MCL	MCL: Maximum Contaminant Level: 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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. 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.
MRDL	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.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

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2022 Water Quality Report
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Source water assessment and its availability

Our source water assessment has been completed by the Mississippi State Department of Health. The results of the report are available at:

<https://sanderwater.deo.ms.gov/wsa/2020/3/report.aspx?id=0540018>

The susceptibility ranking of each of our wells was 1/light.

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Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfectant By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl ₂) (ppm)	4	4	1.20	0.24	2.19	2022	No	Water additive used to control microbes
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Halooacetic acids Haa5 (ppb)	NA	60	10	NR	NR	2018	No	By-product of drinking water disinfection
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Chromium (ppm)	0.10	0.10	<0.0005	NR	NR	2022	No	Discharge from steel and pulp mills; erosion of natural deposits
Nitrates								
Nitrate (ppm)	10	10	<0.08	NR	NR	2022	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
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Contaminants	MCLG	AL	Your Water	Sample Date	#Samples Exceeding AL	Exceeds AL	Typical Source
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Unit Descriptions

Term	Definition
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pCWL	NR: Monitoring not required, but recommended. Picocuries per liter is a measure of radioactivity on water.

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Variations and Exemptions	
MRDLG	MRDLG: Maximum residual disinfectant level goal. 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.
MRDL	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.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

RETURN THIS STUB WITH PAYMENT TO:

TOWN OF SARDIS
P.O. BOX 306
SARDIS, MS 38666

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE
PAID
PERMIT NO 28
SARDIS, MS

ACCOUNT NO | SERVICE FROM | SERVICE TO
010002000 | 05/15 | 06/15

SERVICE ADDRESS
329 N MAIN

METER READINGS
CURRENT | PREVIOUS | USED

2325 | 2290 | 35

CHARGE FOR SERVICES

PAY NET AMOUNT
ON/OR BEFORE
DUE DATE

NET AMOUNT | DUE DATE
55.50 | 07/10/2023

PAY GROSS
AMOUNT AFTER
DUE DATE

SAVE THIS | GROSS AMOUNT
5.55 | 61.05

WTR 18.50
SEW 12.25
GRB 24.75
NET DUE >>> 55.50
SAVE THIS >> 5.55
GROSS DUE >> 61.05

CCR AVAILABLE IN LOCAL NEWS
PAPER PUBLISHED 06/21/2023

RETURN SERVICE REQUESTED

010002000

WILLA S. FLOYD

329 N MAIN STREET
SARDIS MS 38666-1113



RETURN THIS STUB WITH PAYMENT TO
TOWN OF SARDIS
 P.O. BOX 306
 SARDIS, MS 38666

PRESORTED
 FIRST CLASS MAIL
 U.S. POSTAGE
 PAID
 PERMIT NO. 29
 SARDIS, MS

ACCOUNT NO. SERVICE FROM SERVICE TO
030228001 05/15 06/15

SERVICE ADDRESS
221 B CLAREMONT

CURRENT METER READINGS PREVIOUS USED
3458 3441 17

CHARGE FOR SERVICES

PAY NET AMOUNT ON DT BEFORE DUE DATE	NET AMOUNT	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
270.25	270.25	07/10/2023	274.85
		SAVE THIS	

CCR AVAILABLE IN LOCAL NEWS
 PAPER PUBLISHED 06/21/2023

RETURN SERVICE REQUESTED
 030228001
 KABRJA KEARRIEL WORTHAM
 221 B CLAREMONT STREET
 SARDIS, MS 38666

WTR 12.38
 SEW 8.83
 GRB 24.75
 PAST DUE 224.29
 NET DUE >>> 270.25
 SAVE THIS >> 4.60
 GROSS DUE >> 274.85