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MSDH-WATER SUPPLY  
2023 JUN -5 AM 8:56

# Certification

<u>Water systems serving 10,000 or more must use:</u> Distribution Method I  <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		OFFICE USE ONLY
Public Water Supply name(s):  <i>Town of Caledonia</i>	7-digit Public Water Supply ID #(s):  <i>0440002</i>	
<b>Distribution (Methods used to distribute CCR to our customers)</b>		
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: <i>https://caledoniawaterandsewer.com</i> Example: "The current CCR is available at <a href="http://www.waterworld.org/ccr/May2023/0830001.pdf">www.waterworld.org/ccr/May2023/0830001.pdf</a> call (000) 000-0000 for paper copy".	
<input checked="" type="checkbox"/> II. Published the complete CCR in the local newspaper.	Date(s) published: <i>April 27, 2023</i>	
<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: <i>May 31, 2023</i>	
	Location distributed: <i>Printed on Bills</i>	
<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: <i>April 27, 2023</i>	
	Locations posted: <i>Water Dept. Office</i>	
<b>Certification</b>		
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:  <i>Christopher Brad Box</i>	Title:  <i>Superintendent/Operator</i>	Date:  <i>6/5/23</i>
<b>Submittal</b>		
Email the following required items to <a href="mailto:water.reports@msdh.ms.gov">water.reports@msdh.ms.gov</a> regardless of distribution methods used. 1. CCR (Water Quality Report)      2. Certification      3. Proof of delivery method(s)		

**2022 Annual Drinking Water Quality Report**  
**Caledonia Water & Sewer Department**  
**PWS#: 0440002**  
**April 2023**

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. 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.

**Contact & Meeting Information**

If you have any questions about this report or concerning your water utility, please contact Brad Box at 662.356.6993. 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 on the first Tuesday of the each month at 6:00 PM at the Caledonia Town Hall.

**Source of Water**

Our water source is from wells drawing from the Miocene Series and Gordo Formation Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Caledonia Water & Sewer Department have received a lower to moderate susceptibility ranking to contamination.

**Period Covered by Report**

We routinely monitor for contaminants in your drinking water according to federal and state laws. This report is based on results of our monitoring period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2022. In cases where monitoring wasn't required in 2022, the table reflects the most recent testing done in accordance with the laws, rules, and regulations.

As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

**Terms and Abbreviations**

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

*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 (MCL)*: 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 (MCLG)*: 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.

*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 to control microbial contaminants.

*Maximum Residual Disinfectant Level Goal (MRDLG)*: The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

*Parts per billion (ppb) or micrograms per liter*: one part by weight of analyte to 1 billion parts by weight of the water sample.

*Parts per million (ppm) or Milligrams per liter (mg/l)*: one part by weight of analyte to 1 million parts by weight of the water sample.

## TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
8. Arsenic	N	2022	.5	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2022	.0092	.0071 - .0092	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20*	0	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2022	.144	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2022	1.89	1.82 – 1.89	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Disinfection By-Products</b>								
81. HAA5	N	2022	1.01	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	Y	2022	1.3	1.1 1.4	ppm	0	MRDL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2022.

### Disinfection By-Products:

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.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

### LEAD INFORMATION

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. Our water system 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 Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

### VIOLATIONS

Our water system received a major monitoring violation. During the months of November and December 2022, we did not complete all monitoring or testing for Chlorine and therefore cannot be sure of the quality of our drinking water during that time. We were required to take 7 samples and since the samples were submitted with a paperwork error it showed we took none. We have since re-taken the required sample that showed we are meeting drinking water standards and the system is back in compliance.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. 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 1.800.426.4791.

The Caledonia Water & Sewer Department 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.

NOTICE: This report will not be mailed to each customer. Copies are available upon request of the water office.

# 2022 Annual Drinking Water Quality Report

## Caledonia Water & Sewer Department

### PWS#: 0440002. / April 2023

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. 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. Contact & Meeting Information: If you have any questions about this report or concerning your water utility, please contact Brad Bux at 442.254.4493. We want our valued customers to be informed about their water quality. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of each month at 6:30 PM at the Caledonia Town Hall. Source of Water: Our water source is from wells drawing from the Muscogee Series and Sande Formation Aquifer. The source water assessment has been completed for our public water system to determine the overall acceptability of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the acceptability determinations were made for our public water system and is available for viewing upon request. The wells for the Caledonia Water & Sewer Department have received a lower to moderate susceptibility ranking to contamination. Period Covered by Report: We routinely monitor for contaminants in your drinking water according to federal and state laws. This report is based on results of our monitoring period of January 1st to December 31st, 2022. In cases where monitoring wasn't required in 2022, the table reflects the most recent testing done in accordance with the laws, rules, and regulations. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radon, a naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Radon is the only naturally occurring contaminant that poses a health risk. Terms and Abbreviations: In the table you may find unfamiliar terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions: 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 (MCL) - 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 (MCLG) - 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. 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 to control 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. Parts per billion (ppb) or micrograms per liter: one part by weight of analyte in 1 billion parts by weight of the water sample. Parts per million (ppm) or Milligrams per liter (mg/L): one part by weight of analyte in 1 million parts by weight of the water sample.

### TEST RESULTS

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10 Barium	N	2022	.0082	.0071 - .0082	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14 Copper	N	2018/20*	0	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16 Fluoride	N	2022	.144	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17 Lead	N	2018/20*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2022	1.89	1.82 - 1.89	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Disinfection By-Products</b>								
81. HAAS	N	2022	1.01	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	Y	2022	1.3	1.1 - 1.4	ppm	0	MRDL = 4	Water additive used to control microbes

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Disinfection By-Products: Chlorine. Some people who use water containing chlorine will in excess of the MRDL, could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine will in excess of the MRDL could experience stomach discomfort. We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period. LEAD INFORMATION: In 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. Our water system 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/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.574.7582 if you wish to have your water tested. VIOLATIONS: Our water system received a major monitoring violation. During the months of November and December 2022, we did not complete all monitoring or testing for Chlorine and therefore cannot be sure of the quality of our drinking water during that time. We were required to take 7 samples and since the samples were submitted with a paperwork error it showed we took none. We have since re-taken the required samples that showed we are meeting drinking water standards and the system is back in compliance. All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man-made. 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. Infants, immunocompromised 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 1.800.426.4791. The Caledonia Water & Sewer Department 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. NOTICE: This report will not be mailed to each customer. Copies are available upon request at the water office.

Deliver payment to:

CALEDONIA W/S DEPT  
P.O. BOX 130  
CALEDONIA, MS 39740

FIRST-CLASS MAIL  
US POSTAGE PAID  
MAILED FROM  
Caledonia MS  
PERMIT # 5

This institution is an Equal Opportunity Service Provider

Return this portion with payment

Previous Balance: 0.00  
WATER 2 USED 1700 20.55  
PRES 1700

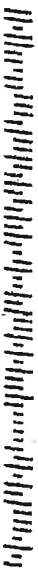
Billed: 05/31/23  
**NOTICE! YOU OWE THIS:**  
YOU OWE 20.55 by 06/15/23  
After 06/15/23 pay 22.61

YOU OWE THE FOLLOWING AMOUNT:

**YOU OWE 20.55 by 06/15/23**  
After 06/15/23 pay 22.61

Last Pmt \$100.00 05/19/23 WESLEY MATTERN  
New svc through 05/17/23 (31 days) Acc#: 08456-1  
856 COBB ROAD  
2022 CCR Report is available on website or  
at Office <https://caledoniawaterandsewer.com>

WESLEY MATTERN  
856 COBB ROAD  
CALEDONIA MS 39740



**Affidavit of Publication**

STATE OF MISSISSIPPI }  
COUNTY OF CLAY }  
SS

Mollie Moore, being duly sworn, says:

That she is Classified Clerk of the Daily Times Leader, a daily newspaper of general circulation, printed and published in West Point, Clay County, Mississippi; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:  
May 27, 2023

That said newspaper was regularly issued and circulated on those dates.  
SIGNED:

Mollie Moore  
Classified Clerk

Subscribed to and sworn to me this 27th day of May 2023.

Wendy McMillin

Wendy Elise McMillin, Notary Public, Clay County, Mississippi  
My commission expires: November 09, 2026

00000982 00101489

Kelly Harpole  
Siloam Water Association (DTL)  
PO Box 224  
West Point, MS 39773

Wendy Elise McMillin  
Notary Public State of Mississippi  
Webster County  
Notary ID# 346113  
My Commission Expires 11/9/2026