

RECEIVED  
MSDH-WATER SUPPLY

2023 MAY 33 AM 8: 07

# Certification

Water systems serving 10,000 or more must use:  
Distribution Method I

Water systems serving 500 - 9,999 must use:  
Distribution Method I OR  
Distribution Method II, III, and IV

Water system serving less than 500 people must use:  
Distribution Method I OR  
Distribution Method II, III, and IV OR  
Distribution Method III and IV

OFFICE USE ONLY

Public Water Supply name(s):  City of Poplarville	7-digit Public Water Supply ID #(s):  MS 0550006
---	--

**Distribution (Methods used to distribute CCR to our customers)**

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 <a href="http://www.waterworld.org/ccrMay2023/0830001.pdf">www.waterworld.org/ccrMay2023/0830001.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: 5/24/23
--	-------------------------------

<input 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: 5/24/23
	Locations posted: City Hall

**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: Louise Smith	Title: Mayor	Date: 6/1/2023
-----------------------	-----------------	-------------------

**Submittal**

Email the following required items to [water.reports@msdh.ms.gov](mailto:water.reports@msdh.ms.gov) regardless of distribution methods used.  
1. CCR (Water Quality Report)      2. Certification      3. Proof of delivery method(s)

**2022 Annual Drinking Water Quality Report**  
**City of Poplarville**  
**PWS#: 0550006**  
**April 2023**

RECEIVED  
MSDH-WATER SUPPLY

2023 MAY -1 AM 7:54

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality of 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 Clif Hodges at 601.310.3377. 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 & third Tuesdays of each month at 5:00 P.M. at the City Hall.

### **Source of Water**

The City of Poplarville purchases water from the Pearl River County Utility Authority. 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 City of Poplarville have received moderate susceptibility rankings 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	.8	.5 - .8	ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2022	.0184	.0059 - .0184	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	.615	.483 - .615	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
<b>Unregulated Contaminants</b>								
Sodium	N	2019*	11000	9800 - 11000	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Volatile Organic Contaminants</b>								
76. Xylenes	N	2022	.001079	No Range	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
<b>Disinfection By-Products</b>								
Chlorine	N	2022	.8	.5 - 1.01	MG/L	0	MDRL = 4	Water additive used to control microbes

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

\*\* Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.2 ppm.

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.

### FLUORIDE INFORMATION

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the TOWN OF POPLARVILLE 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 ppm was 7. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 65%. The number of months samples were collected and analyzed in the previous calendar year was 12.

### VIOLATIONS

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected, however the EPA has determined that your water IS SAFE at these levels.

### UNREGULATED CONTAMINANTS

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.

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 City of Poplarville 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.

# Publisher's Certificate of Publication

## STATE OF MISSISSIPPI COUNTY OF PEARL RIVER

Dan Phelan, being duly sworn, on oath says he is and during all times herein stated has been an employee of Picayune Newsmedia, LLC publisher and printer of the Picayune Item and The Poplarville Democrat (the "Newspaper"), has full knowledge of the facts herein stated as follows:

1. The Newspaper printed the copy of the matter attached hereto (the "Notice") was copied from the columns of the Newspaper and was printed and published in the English language on the following days and dates:

05/24/23

2. The sum charged by the Newspaper for said publication is the actual lowest classified rate paid by commercial customer for an advertisement of similar size and frequency in the same newspaper in which the Notice was published.

3. There are no agreements between the Newspaper, publisher, manager or printer and the officer or attorney charged with the duty of placing the attached legal advertising notice whereby any advantage, gain or profit accrued to said officer or attorney.

Dan Phelan, publisher

Subscribed and sworn to before me this  
24th Day of May, 2023

*Cindy Woods*

Cindy Woods, Notary Public  
State of Mississippi, County of Pearl River  
My commission expires 05-11-2025

Account # 190300  
Ad # 1647337

CITY OF POPLARVILLE  
200 HWY 26 EAST  
POPLARVILLE MS 39470

05/30/2023

## PUBLIC NOTICE

2022 Annual Drinking Water Quality Report  
City of Poplarville  
PWS# 0550006  
April 2023

We are pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality of water and services we provide to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We urge you to understand the information available to you so you can make informed decisions about the quality of your water.

### Contact & Mailing Information

If you have any questions about the report or concerning your water utility, please contact City of Poplarville at 601-311-2577. We want our valued customers to be informed about their water utility. If you wish to learn more, please stand by for our regularly scheduled meetings. They are held on the 1st and 3rd Tuesdays of each month at 6:00 PM at the City Hall.

### Source of Water

The City of Poplarville purchases water from the Pearl River County Utility Authority. This source water is treated and then pumped to our public water system to deliver this service to you. The water supply is drawn from the Pearl River County Utility Authority. A report containing detailed information on how the water quality is maintained is available to you upon request. The water for the City of Poplarville has received moderate to good quality ratings in recent years.

### Period Covered by Report

We routinely monitor our water system 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 areas where monitoring wasn't required by law, the water utility has monitoring data for the same period with the same data, and regulations.

As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, man-made chemicals and can pick up substances or contaminants from the presence of animals or from human activity. Microbial contaminants, such as viruses and bacteria, may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife. Inorganic contaminants, such as salts and metals, can be naturally occurring or result from urban storm water runoff. Pesticides and herbicides are also common inorganic contaminants that may be present in surface water. Volatile organic chemicals, which are by-products of industrial processes and petroleum operations, and radon, a naturally occurring radioactive gas, are also common inorganic contaminants that may be present in surface water. Synthetic organic chemicals, which are by-products of industrial processes and petroleum operations, and radon, a naturally occurring radioactive gas, are also common inorganic contaminants that may be present in surface water. Synthetic organic chemicals, which are by-products of industrial processes and petroleum operations, and radon, a naturally occurring radioactive gas, are also common inorganic contaminants that may be present in surface water.

### Terms and Abbreviations

In this 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 Goal (MCLG):** The "Maximum Allowable" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLG is set at zero for the MCLs as follows using the best available treatment technology.

**Maximum Contaminant Level (MCL):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLs are set for a range of 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 to control microbial contamination.

**Maximum Groundwater Contaminant Level (MGCL):** The level of a drinking water contaminant below which there is no known or expected risk to health. MGCLs do not reflect the toxicity of the contaminants to protect individual consumers.

**Drinking Water Contaminants:** Contaminants that are present in drinking water. Contaminants are listed by weight of contaminant in the water sample.

**Perchlorate (PCL):** Perchlorate is a chemical that is used in the production of explosives and is found in some fertilizers and herbicides.

### TEST RESULTS

Contaminant	Unit	Lab	Test Date	Level	Regul. or Action Level	Test Result	MCL	MCLG	Other
<b>Inorganic Contaminants</b>									
A. Arsenic	µg/L	302	4	5.0	10	0.0	0.0	0.0	Exceeds health advisory level (10 µg/L). Not from public water supply.
B. Barium	mg/L	102	01/04	010 - 214	100	0	0	0	Exceeds health advisory level (100 mg/L). Not from public water supply.
C. Copper	mg/L	111/10	0	0	1.3	0.0	1.3	0.0	Exceeds health advisory level (1.3 mg/L). Not from public water supply.
D. Fluoride	mg/L	202	01/04	0.7 - 4.0	4.0	0.0	0.0	0.0	Exceeds health advisory level (4.0 mg/L). Not from public water supply.
E. Lead	µg/L	211/07	0	0	0.01	0.0	0.01	0.0	Exceeds health advisory level (0.01 µg/L).
<b>Unregulated Contaminants</b>									
Arsenic	µg/L	201	1/10	MCL - 100	10	0	0	0	Exceeds health advisory level (10 µg/L).
<b>Volatile Organic Contaminants</b>									
T. Toluene	µg/L	202	01/04	5-10	10	0.0	0.0	0.0	Exceeds health advisory level (10 µg/L).
<b>Disinfection By-Products</b>									
Chloroform	µg/L	202	0	5-10	100	0	100	0	Exceeds health advisory level (100 µg/L).

\* Most recent sample. No sample required for 2023.

\*\* Action level is advisory and not a health standard.

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 comply with monitoring requirements, MSDH now collects systems of any missing samples prior to the end of the compliance period.

### LEAD INFORMATION

If untested, 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 at 1-800-426-6266 or go to <http://www.epa.gov/leadinwater>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601-576-7162 if you wish to have your water tested.

### FLUORIDE INFORMATION

To comply with the "Regulating Groundwater Fluoridation of Community Water Supplies", the TOWN OF POPLARVILLE 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 0.8-1.2 ppm was 7. The percentage of fluoride sample collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 65%. The number of monthly samples were collected and analyzed in the previous calendar year was 12.

### VIOLATIONS

As you can see by the table, our system had no violations. We are proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected, however the EPA has determined that your water is SAFE at these levels.

### UNREGULATED CONTAMINANTS

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.

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 1-800-426-6789.

Some people may be more vulnerable to contaminants in drinking water than the general population. 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 consult their health care providers about drinking water from their health care providers. EWPCO provides an appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants and is available from the Safe Drinking Water Hotline at 1-800-426-6789.

The City of Poplarville works around the clock to provide top quality water to every tap in our community. We are committed to providing you with the best water possible. We are committed to providing you with the best water possible. We are committed to providing you with the best water possible.

**COPY**

ACCOUNT NO.	SERVICE FROM	SERVICE TO
090038000	04/15/23	05/15/23
SERVICE ADDRESS		

119 AZALEA ST

CURRENT	METER READINGS		USED
	PREVIOUS		
16266	16229		37
CHARGE FOR SERVICES			

WTR	21.54
SEW	32.31
GRB	16.50
NET DUE >>>	70.35

RETURN THIS STUB WITH PAYMENT TO:

**CITY OF POPLARVILLE**  
 200 HWY 26 E  
 POPLARVILLE, MS 39470-2499  
 601-795-8161  
<https://msezpay.com>

PRESORTED  
 FIRST-CLASS MAIL  
 U.S. POSTAGE  
 PAID  
 PERMIT NO. 2  
 POPLARVILLE, MS

TO BE PAID ON OR BEFORE DUE DATE	DUE DATE	TO BE PAID AFTER DUE DATE
	06/15/2023	
AMOUNT DUE	LATE FEE	TOTAL IF LATE
70.35	10.00	80.35

2022 WATER QUALITY REPORT  
 PUBLISHED IN DEMOCRAT 5/24/23

**RETURN SERVICE REQUESTED**

090038000  
 MARNIE READY

119 AZALEA ST  
 POPLARVILLE MS 39470-4212