

2019 JUN -7 AM 8:44

# 2018 CERTIFICATION

## Consumer Confidence Report (CCR)

POPE-COURTLAND WATER ASSN.

Public Water System Name

0540017 - 0540069

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

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **You must email, fax (but not preferred) or mail, a copy of the CCR and Certification to the MSDH.** Please check all boxes that apply.

Customers were informed of availability of CCR by: (*Attach copy of publication, water bill or other*)

- Advertisement in local paper (*Attach copy of advertisement*)
- On water bills (*Attach copy of bill*)
- Email message (*Email the message to the address below*)
- Other \_\_\_\_\_

Date(s) customers were informed: 5/7/2019 5/7/2019 5/28/2019

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used \_\_\_\_\_

Date Mailed/Distributed:     /     /    

CCR was distributed by Email (*Email MSDH a copy*)

Date Emailed:     /     / 2019

- As a URL \_\_\_\_\_ (*Provide Direct URL*)
- As an attachment
- As text within the body of the email message

CCR was published in local newspaper. (*Attach copy of published CCR or proof of publication*)

Name of Newspaper: THE PANOLIAN

Date Published: 5/7/19

CCR was posted in public places. (*Attach list of locations*)

Date Posted: 5/7/2019

CCR was posted on a publicly accessible internet site at the following address: \_\_\_\_\_

(*Provide Direct URL*)

### CERTIFICATION

I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the Mississippi State Department of Health, Bureau of Public Water Supply

John D. Lewis  
Name/Title (*Board President, Mayor, Owner, Admin. Contact, etc.*)

5-30-19  
Date

### Submission options (*Select one method ONLY*)

**Mail:** (U.S. Postal Service)  
MSDH, Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

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

**Fax:** (601) 576 - 7800

**\*\*Not a preferred method due to poor clarity\*\***

**CCR Deadline to MSDH & Customers by July 1, 2019!**

2018 Annual Drinking Water Quality Report  
 Pope Courtland Water Association  
 PWS#:0540017 & 0540069  
 April 2019

2019 APR 12 AM 10:10

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 providing you with information because informed customers are our best allies.

If you have any questions about this report or concerning your water utility, please contact Gary Patterson at 662.934.7870. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the second Tuesday of the month at 5:30 PM at the office.

Our water source is from wells drawing from the Upper & Lower Wilcox Aquifers. 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 Pope Courtland Water Association have received moderate rankings in terms of susceptibility to contamination.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2018. In cases where monitoring wasn't required in 2018, the table reflects the most recent results. 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.

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.

*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 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* - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

PWS #: 0540017		TEST RESULTS						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AQL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								

10. Barium	N	2016*	.050	.049 - .050	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2016*	2.3	1.6 – 2.3	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2015/17*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

### Disinfection By-Products

81. HAA5	N	2016*	4	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2016*	7.83	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2018	.6	.5 - .8	mg/l	0	MRDL = 4	Water additive used to control microbes

**PWS #: 0540069**

### TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
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### Inorganic Contaminants

10. Barium	N	2016*	.009	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2016*	3.3	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2016/18	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2016*	.249	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2016/18	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

### Disinfection By-Products

81. HAA5	N	2017*	12	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2017*	41.6	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2018	.8	.5 – 1	mg/l	0	MRDL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2018.

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.

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.

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.

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 microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Pope Courtland Water Association 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 CCR report will not be mailed out to each individual customer, however a copy can be obtained at the Pope-Courtland Water Association office.

# 2018 Annual Drinking Water Quality Report

## Pope Courtland Water Association PWS#:0540017 & 0540069

### April 2019

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 providing you with information because informed customers are our best allies.

If you have any questions about this report or concerning your water utility, please contact Gary Patterson at 662.534.7070. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the second Tuesday of the month at 5:30 PM at the office.

Our water source is from wells drawing from the Upper & Lower Wilcox Aquifers. 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 Pope Courtland Water Association have received moderate rankings in terms of susceptibility to contamination.

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**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 are based on protecting public health.  
**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.  
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TEST RESULTS						
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13. Chromium	N	2016*	2.3	1.6 - 2.3	ppb	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17*	1	0	ppm	Corrosion of household plumbing systems; erosion of natural deposits; leaching from aged brass fixtures
17. Lead	N	2015/17*	2	0	ppb	AL = 1.5 AL = 15
<b>Disinfection By-Products</b>						
81. HAAS	N	2018*	4	No Range	ppb	By-Product of drinking water disinfection
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16. Fluoride	N	2018*	249	No Range	ppm	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum facilities
17. Lead	N	2018/18	1	0	ppb	AL = 15 Corrosion of household plumbing system; erosion of natural deposits
<b>Disinfection By-Products</b>						
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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 lead-based pipe and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the velocity 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 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

# Publisher's Certificate of Publication

## STATE OF MISSISSIPPI COUNTY OF PANOLA

Delia Childers, being duly sworn, on oath says she is and during all times herein stated has been an employee of Batesville Newsmedia publisher and printer of the The Panolian (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:

05/07/19

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

2018 Annual Drinking Water Quality Report  
Pope Courtland Water Association PWDA#0540017 & 0540009  
April 2019

Parameter	Units	2018		MCLG	MCL	Action Level	Comments
		Actual	Maximum				
Calcium	mg/L	120	120	180	300	100	
Chloride	mg/L	10	10	250	250	250	
Copper	mg/L	0.05	0.05	1.3	1.3	1.3	
Iron	mg/L	0.3	0.3	3.0	3.0	3.0	
Lead	mg/L	0.01	0.01	0.01	0.01	0.01	
Manganese	mg/L	0.05	0.05	0.3	0.3	0.3	
Nitrate-N	mg/L	10	10	10	10	10	
Nitrite-N	mg/L	0	0	3	3	3	
Total Hardness	mg/L	120	120	300	300	300	
Total Dissolved Solids	mg/L	10	10	500	500	500	
Total Suspended Solids	mg/L	0	0	5	5	5	
Fluoride	mg/L	1.0	1.0	4.0	4.0	4.0	
Phosphate	mg/L	0.05	0.05	0.1	0.1	0.1	
Sulfate	mg/L	10	10	250	250	250	
Barium	mg/L	0	0	2,000	2,000	2,000	
Cadmium	mg/L	0	0	0.01	0.01	0.01	
Chromium VI	mg/L	0	0	0.1	0.1	0.1	
Cyanide	mg/L	0	0	0.2	0.2	0.2	
Lead and Copper	mg/L	0.01	0.01	0.01	0.01	0.01	
Mercury	mg/L	0	0	0.02	0.02	0.02	
Perchlorate	mg/L	0	0	1.0	1.0	1.0	
Selenium	mg/L	0	0	0.07	0.07	0.07	
Strontium	mg/L	0	0	7.0	7.0	7.0	
Tribromobiphenyls	mg/L	0	0	0.1	0.1	0.1	
Tribromobiphenyls	mg/L	0	0	0.1	0.1	0.1	
Trichloroethylene	mg/L	0	0	0.1	0.1	0.1	
Trichlorobiphenyls	mg/L	0	0	0.1	0.1	0.1	
Trichlorobiphenyls	mg/L	0	0	0.1	0.1	0.1	
Uranium	mg/L	0	0	0.3	0.3	0.3	
Vanadium	mg/L	0	0	1.5	1.5	1.5	
Zinc	mg/L	0.1	0.1	3.0	3.0	3.0	

*Delia Childers*

Delia Childers, Associate Publisher

Subscribed and sworn to before me this 7th Day of May, 2019

*Mary Jo Eskridge*



Mary Jo Eskridge, Notary Public  
State of Alabama at Large  
My commission expires 03-05-2022

Account # 183144  
Ad # 799433

110 VAN VORIS ST  
BATESVILLE MS 38606

**Dear Customer,**

**The Pope-Courtland Water Associations  
Annual CCR (Consumer Confidence Report) was  
published in the Panolian on the 5/7/19. You can  
also obtain a copy of this report at the Association  
Office or you can view it on the internet at  
<http://msrwa.org/2016ccr/popecourtlandwa.pdf>  
If you have any questions contact Gary Patterson  
at (662) 934-7870.**

**Thank You  
John Henry Ford  
President**