

# 2019 CERTIFICATION

## Consumer Confidence Report (CCR)

Porterville Water Assn & Porterville Water Assn-Kemper Springs

Public Water System Name

MS 0350006 & MS 0350024

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: 5/28/2020 / / 2020 / / 2020

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: \_\_\_\_\_ / / 2020

- 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: KEMPER MESSENGER

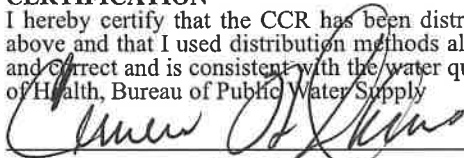
Date Published: 5/28/2020

CCR was posted in public places. *(Attach list of locations)* Date Posted: \_\_\_\_\_ / / 2020

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

  
Name/Title (Board President, Mayor, Owner, Admin. Contact, etc.)

June 10, 2020  
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, 2020!**

2020 JUN 15 AM 9:45

*Annual Drinking Water Quality Report*  
*Porterville Water Association & Porterville Water Association-Kemper Springs*  
*PWS ID # 0350006 & 0350024*  
*May 2020*

We're pleased to present to you this year's Annual Water Quality 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. Our water source consists of 4 wells that draw from the Lower Wilcox, Coker Formation and Mass Sand Aquifers.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination. The water supply for Porterville Water Association and Porterville Water Association-Kemper Springs received one moderate and two higher susceptibility rankings to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Sue Stuart at 662-476-9614. 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 4<sup>th</sup> Monday of each month at the Porterville Water Association office at 6:30 pm.

Porterville Water Association and Porterville Water Association-Kemper Springs routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2019. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose 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.

**Treatment Technique (TT)** - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

**Maximum Contaminant Level** - 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** - 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.

2020 JUN 15 AM 9:45

**Porterville Water Association - PWS ID # 0350006**

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	2019	4.3	No Range	Ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2019	0.1325	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019	0.6	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	1/1/15 to 12/31/17*	0.2	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019	1.12	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	1/1/15 to 12/31/17*	1	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2019	3.4	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
<b>Disinfectants &amp; Disinfectant By-Products</b>								
Chlorine (as Cl <sub>2</sub> )	N	2019	1.20	1.00 to 1.50	ppm	4	4	Water additive used to control microbes
73. TTHM [Total trihalomethanes]	N	2019	2.55	No Range	ppb	0	80	By-product of drinking water chlorination
<b>Unregulated Contaminants</b>								
Sodium	N	2019	3300000	290000 to 330000	ppb	0	250000	Road salt, water treatment chemicals, water softeners and sewage effluents

\* Most recent sample results available

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>Radioactive Contaminants</b>								
5. Alpha emitters	N	2019	2.3	No Range	PCi/l	0	15	Erosion of natural deposits
6. Combined radium	N	2019	2.1	No Range	PCi/l	0	5	Erosion of natural deposits
<b>Inorganic Contaminants</b>								
10. Barium	N	2019	0.0173	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2019	0.3	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
19. Nitrate (as Nitrogen)	N	2019	0.31	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
<b>Disinfectants &amp; Disinfectant By-Products</b>								
Chlorine (as Cl <sub>2</sub> )	N	2019	1.40	1.10 to 1.40	ppm	4	4	Water additive used to control microbes
HAA5	N	2018*	1.0	No Range	ppb	0	60	By-product of drinking water chlorination
<b>Unregulated Contaminants</b>								
Sodium	N	2019	47000	No Range	ppb	0	250000	Road salt, water treatment chemicals, water softeners and sewage effluents

\* Most recent sample results available

**Additional Information for Lead**

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. Porterville Water Association and Porterville Water Association-Kemper Springs 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 for \$10 per sample. 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 microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions.

RECEIVED  
2020 JUN 15 AM 9:45

**PROOF OF PUBLICATION**  
**THE STATE OF MISSISSIPPI**  
**KEMPER COUNTY**

PERSONALLY appeared before me, the undersigned notary public in and for Kemper County, Mississippi, for the KEMPER COUNTY MESSENGER, a weekly newspaper of general circulation in Kemper County, Mississippi as defined and prescribed in Section 13-3-31, of the Mississippi Code of 1972, as amended, who, being duly sworn, states that the notice, a true copy of which is attached hereto was published in the issues of said newspaper as follows:

Date 05/28, 2020

Vol. 86, No. 22

Date \_\_\_\_\_, 2020

Vol. \_\_\_\_\_, No. \_\_\_\_\_

Date \_\_\_\_\_, 2020

Vol. \_\_\_\_\_, No. \_\_\_\_\_

Date \_\_\_\_\_, 2020

Vol. \_\_\_\_\_, No. \_\_\_\_\_

Signed: Morgan Sorrels

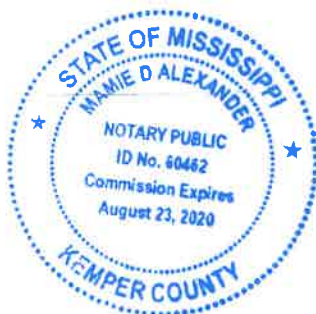
For the  
KEMPER COUNTY MESSENGER

SWORN TO AND SUBSCRIBED before me the

9 day of June, 2020

Mamie D Alexander

Notary Public



Annual Drinking Water Quality Report  
 Porterville Water Association & Porterville Water Association-Kemper Springs  
 PWSID # 0350006 & 0350029  
 May 2020

2020 JUN 15 AM 9:45

We're pleased to present to you this year's Annual Water Quality 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. Our water source consists of 4 wells that draw from the Lower Wilcox, Coker Formation and Mass Sand Aquifers.

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Porterville Water Association-PWS ID # 0350006

**TEST RESULTS**

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10. Barium	N	2019	0.1325	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019	0.6	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	11/15/16 12/31/17*	0.2	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019	1.12	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	1/1/15 to 12/31/17*	1	None	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
21. Selenium	N	2019	3.4	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
<b>Disinfectants &amp; Disinfectant By-Products</b>								
Chlorine (as Cl <sub>2</sub> )	N	2019	1.20	1.00 to 1.50	ppm	4	4	Water additive used to control microbes
73 THM (Total trihalomethanes)	N	2019	2.55	No Range	ppb	0	80	By-product of drinking water chlorination
<b>Unregulated Contaminants</b>								
Sodium	N	2019	3100000	3000000	ppm			