

6/4/14

CALENDAR YEAR 2013 CONSUMER CONFIDENCE REPORT
CERTIFICATION REPORT

WATER SUPPLY
ARTID: 26

PORTERVILLE WATER ASSOCIATION & PORTERVILLE WATER ASSOCIATION-KEMPER SPRINGS
PWS ID # ('s): 0350006 & 0350024

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

- Customers were informed of availability of CCR by: *(Attach copy of publication, water bill, or other)*
 - Advertisement in local paper
 - On water bills
 - Other _____

Date customers were informed: _____

- CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date mailed/distributed: _____

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

Name of Newspaper: KEMPER MESSENGER
Date Published: 5/22/14

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

Date posted: _____

- CCR was posted on a publicly accessible internet site at the address: www: _____

CERTIFICATION:

I hereby certify that a Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. 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 public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

[Signature] PRESIDENT
Name/Title (President, Mayor, Owner, etc.)

5/27/14
Date

This Consumer Confidence Report (CCR) was completed by MS Cross Connection, LLC with information provided by the above Public Water System and is certified only to be as true & correct as the information provided.

[Signature]
Signature

5-15-14
Date

Mail completed form along with a copy of your CCR Report(s) before JULY 1, 2014 to:

**MS State Department of Health
Division of Public Water Supply
P O Box 1700
Jackson, MS 39215
Phone: 601-576-7518**

Annual Drinking Water Quality Report
Porterville Water Association & Porterville Water Association-Kemper Springs
PWS ID # 0350006 & 0350024
May, 2014

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 a total of three wells that draw from the Lower Wilcox, Coker Formation & Massive 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 received a one high and two moderate 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 fourth Monday of each month at the Porterville Community Center at 6:30 p.m.

Porterville Water Association 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 1st to December 31st, 2013. 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.

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
Inorganic Contaminants								
8. Arsenic	N	2012*	1.07	No Range	Ppb	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2012*	0.127	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2012*	0.52	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	1/1/09 to 12/31/11*	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	2012*	0.744	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	1/1/09 to 12/31/11*	1	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2012*	2.74	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectants & Disinfectant By-Products								
Chlorine (as Cl ₂)	N	1/1/13 to 12/31/13	1.20	1.00 to 1.20	ppm	4	4	Water additive used to control microbes

*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
Radioactive Contaminants								
5. Alpha emitters	N	2012*	1.2	No Range	PCi/l	0	15	Erosion of natural deposits
Inorganic Contaminants								
10. Barium	N	2012*	0.016	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2012*	0.66	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	7/1/13 to 12/31/13	7	One	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	7/1/13 to 12/31/13	5	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
18. Mercury (inorganic)	N		0.3	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
19. Nitrate (as Nitrogen)	N		0.3	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
20. Nitrite (as Nitrogen)	N		0.3	No Range	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants & Disinfectant By-Products								
Chlorine (as Cl ₂)	N	1/1/13 to 12/31/13	1.20	1.00 to 1.50	ppm	4	4	Water additive used to control microbes
HAA5	N	2012*	2.0	No Range	ppb	0	60	By-product of drinking water chlorination

*Most recent sample results available

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Maximum Contaminant Level Goal - The "Goal" (MCLG) is the level of a contaminant in

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Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Levels or # of Samples Exceeding MCL/MCLG	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
8. Arsenic	N	2013	1.07	No Range	ppb	0.05	10	Erosion of natural deposits; runoff from orchards; runoff from glass and
10. Barium	N	2013	0.127	No Range	ppm	2	2	Discharge of drilling water; discharge from metal refineries; erosion
13. Chromium	N	2013	0.52	No Range	ppb	100	100	Discharge from steel and pulp mills;
14. Copper	N	1/1/09 to 12/31/13	0.2	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits;
16. Fluoride	N	2013	0.344	No Range	ppm	4	4	Erosion of natural deposits; water additives which promote strong teeth; discharge from fertilizer and
17. Lead	N	1/1/09 to 12/31/13	0.1	None	ppb	0	AL=15	Corrosion of household plumbing
21. Selenium	N	2013	2.74	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits
Disinfectants & Disinfectant By-Products								
Chlorine (as Cl ₂)	N	1/1/13 to 12/31/13	1.20	1.00 to 1.50	ppm	4	4	Water additive used to control microbes

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Levels or # of Samples Exceeding MCL/MCLG	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Radioactive Contaminants								
3. Alpha radium	N	2013	1.2	No Range	PCU	0	15	Erosion of natural deposits
Inorganic Contaminants								
10. Barium	N	2013	0.016	No Range	ppm	2	2	Discharge of drilling water; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2013	0.66	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	1/1/10 to 12/31/13	2	One	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	1/1/10 to 12/31/13	0.1	None	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
25. Nitrate (as Nitrogen)	N	2013	0.3	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
26. Nitrite (as Nitrogen)	N	2013	0.3	No Range	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Disinfectants & Disinfectant By-Products								
Chlorine (as Cl ₂)	N	1/1/13 to 12/31/13	1.20	1.00 to 1.50	ppm	4	4	Water additive used to control microbes
HAAs	N	2013	2.0	No Range	ppb	0	60	By-product of drinking water chlorination

drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

*Most recent sample results available

PORTERVILLE WATER ASSOCIATION-KEMPER SPRINGS PWS ID # 0350024

(14) Copper: Copper is an essential nutrient, but some people who drink water containing

**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 May 02, 2014
 Vol. 810, No. 33
 Date _____, 2014
 Vol. _____, No. _____
 Date _____, 2014
 Vol. _____, No. _____
 Date _____, 2014
 Vol. _____, No. _____

Signed: [Signature]
 For the
 KEMPER COUNTY MESSENGER

I before me the 23rd day of May, 2014



10. Parameter	N	2012	10/10	No Range	ppb	100	100	charge from metal refineries; erosion of natural deposits
13. Chloride	N	2012	1.066	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	7/13 to 12/13	3	One	ppm	13	AL-13	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	7/13 to 12/13	5	None	ppb	0	AL-13	Corrosion of household plumbing systems; erosion of natural deposits; lead; Manganese (potentially carcinogenic)
19. Nitrate (as Nitrogen)	N		0.3	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
20. Nitrite (as Nitrogen)	N		0.3	No Range	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants & Disinfectant By-Products								
Chlorine (as Cl2)	N	10/13 to 12/13	1.20	1.00 to 1.50	ppm	4	4	Water additive used to control microbes
THM45	N	10/13	2.0	No Range	ppb	0	00	By-product of drinking water chlorination

drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

***Most recent sample results available**

PORTERVILLE WATER ASSOCIATION-KEMPER SPRINGS PWS ID # 0350024

(14) Copper. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

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 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).

This report being published in the paper will not be mailed. If you would like a copy or have questions please call our office.

RETURN THIS STUB WITH PAYMENT TO:
PORTERVILLE WATER ASSOC.
 P.O. BOX 8
 PORTERVILLE, MS 39352

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CONSUMER CONFIDENCE REPORT
 AVAILABLE IN OFFICE

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 PORTERVILLE MS 39352

articles for the Kemper Springs PWS