MSDH-WATER SUPPLY

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2023 JUL 11 AM 9: 17

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):	7-digit Public Water Supply ID #(s):
Porterville Water Association & Porterville Water Association-Kemper Springs	0350006 & 0350024
Distribution (Methods used to distribute CCR to ou	ir customers)
□ I. CCR directly delivered using one or more method b	elow:
□ *Provided direct Web address to customer □ Hand delivered	*Add direct Web address (URL) here:
□ Mail paper copy □ Email	Example: "The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf. call (000) 000-0000 for paper copy".
■ II. Published the complete CCR in the local	Date(s) published:
newspaper.	6/1/23
■ III. Inform customers the CCR will not be mailed	Date(s) notified:
but is available upon request.	
List method(s) used (examples – newspaper, water	6 27 23 Mailed
bills, newsletter, etc.).	Location distributed:
	DN July Water Bill Date: 5/29/23
☑ IV. Post the complete CCR continuously at the	0000
local water office. "Good Faith Effort" in other public buildings with	Locations posted:
the water system service area (i.e. City Hall, Public Library, etc.)	office
Certification	
This Community public water system confirms it has distributed	its Consumer Confidence Report (CCR) to its customers
- I the appropriate notices of availability have been given and	that the information contained in its CCR is conect and
onsistent with the compliance monitoring data previously subn	nitted to the MS State Department of Health, Bureau of
rublic Water Supply and the requirements of the CCR rule.	Title: Date:
anie: XI/X	Title
Julio M. Paris	PRESIDENT 62823
nhvnittal	
nail the following required items to water reports@msdh.ms.go	w regardless of distribution methods used.
1. CCR (Water Quality Report) 2. Certifica	tion 3. Proof of delivery method(s)

2022 Annual Drinking Water Consumer Confidence Report Porterville Water Association & Porterville Water Association-Kemper Springs PWS ID # 0350006 & 0350024

Report Completed on May 23, 2023

We're pleased to present to you your 2022 Annual 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.

Sources of Water

Our water source consists of 4 wells that draw from the Lower Wilcox, Coker Formation and Mass Sand Aquifers.

Water System Information

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. Our water supply received one moderate and two higher susceptibility rankings to contamination.

Our system was founded in 1969. At the time, we had one well. Today we have four wells, the newest being on Highway 45 south of Electric Mills. The price of supplies have greatly escalated over the years. The average cost of electricity for the wells and pumping stations is \$4700 a month. The average cost of supplies for the wells and repair of the water lines is \$4200 a month. We had a major repair on well number 1 at Electric Mills this past year that cost almost \$20,000. We also have two loan payments that cost approximately \$9400. We purchased two new air compressors for the system. We hope to receive \$200,000 in the future from the MS Capitol Expense Fund for assistance in improving the water system.

If you have any questions about this report or concerning your water utility, please contact Sue Stuart or Danyel Walker 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 4th Monday of each month at the Porterville Water Association office at 6:30 pm.

We routinely monitor 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 31, 2022. 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.

Porterville Water Association - PWS ID # 0350006

			CON	TAMINAN	IT TAI	BLE	
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	MCLG	MCL	Major Sources in Drinking Water
Inorganic (Contamin	ants					
11. Arsenic	N	2022	7.3 ppb	3.1 to 7.3	n/a	50	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
13. Barium	N	2022	0.165 ppm	0.146 to 0.165	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
20. Chromium	N	2022	0.6 ppb	0.5 to 0.6	100	100	Discharge from steel and pulp mills; erosion of natural deposits
21. Copper	N	1/1/18 to 12/31/20*	0.1 ppm	None	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits
23. Fluoride	N	2022	1.06 ppm	0.302 to 1.06	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
24. Lead	N	1/1/18 to 12/31/20*	1.0 ppb	None	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
28. Selenium	N	2022	2.7 ppb	2,5 to 2.7	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectant	ts & Disin	fectant B	y-Products	3			
83. Chlorine	N	2022	1.20 ppm	1.00 to 1.30	4	4	Water additive used to control microbes
84. Haloacetic Acids HAA5	N	2020*	60 ppb	No Range	0	60	By-product of drinking water disinfection

* Most recent sample results available

	Street Co.	Ul	NREGUI	LATED CO	NTAN	MINAN	NTS
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	MCLG	MCL	Major Sources in Drinking Water
Sodium	N	2022	283000 ppb	146000 to 283000	0	250000	Road salt, water treatment chemicals, water softeners and sewage effluents

Explanation of Reasons for Monitoring 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 regulation is warranted.

Sodium, EPA recommends that drinking water sodium not exceed 20 milligrams per liter. Excess sodium from salt in the diet increases the risk of high blood pressure and cardiovascular disease.

Porterville Water Association-Kemper Springs - PWS ID # 0350024

			CONT	AMINAN	IT TAI	BLE	
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	MCLG	MCL	Major Sources in Drinking Water
Radioactive	Contamin	ants					
7. Alpha emitters	N	2019*	2.3 pCi/L	No Range	0	15	Erosion of natural deposits
8. Combined radium	N	2019*	2.1 pCi/L	No Range	0	5	Erosion of natural deposits
Inorganic Co	ntaminar	its					
13. Barium	N	2022	0,0177 ppm	No Range	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
20. Chromium	N	2022	0.5 ppb	No Range	100	100	Discharge from steel and pulp mills; erosion of natural deposits
21. Copper	N	2020*	0.5 ppm	None	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits
26. Nitrate (as Nitrogen)	N	2022	0.293 ppm	No Range	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants	& Disinf	ectant By	-Products				
83. Chlorine	N	2022	1.20 ppm	1.00 to 1.20	4	4	Water additive used to control microbes

* Most recent sample results available

UNREGULATED CONTAMINANTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	MCLG	MCL	Major Sources in Drinking Water	
Sodium	N	2022	89400 ppb	No Range	0	250000	Road salt, water treatment chemicals, water softeners and sewage effluents	

Explanation of Reasons for Monitoring 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 regulation is warranted.

Definitions

In the table above 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.

ppb - parts per billion = micrograms per liter (= 1 drop in 1 billion gallons)

ppm - parts per million = milligrams per liter (= 1 drop in 1 million gallons)

pCi/L - picocuries per liter (a measure of radio activity)

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. 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.

Additional Information

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).

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask advice from your health care provider.

EPA is reviewing the drinking water standard for arsenic because of special concerns that it may not be stringent enough. Arsenic is a naturally occurring mineral known to cause cancer in humans at high concentrations.

The average household uses approximately 400 gallons of water per day. There are many low cost and no-cost ways to conserve water. Small changes can make a big difference - try one today and soon it will become second nature.

- ▶ Take short showers a 5 minute shower uses 4 to 5 gallons of water compared to 50 gallons for a bath.
- ▶ Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- ▶ Use a water-efficient showerhead. They are inexpensive, easy to install and can save you up to 750 gallons a month.
- ▶ Run your clothes wash and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To checks your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your children about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit www.epa.gov/watersense for more information.

This report is being published in the paper and will not be mailed. Please call our office if you have any questions.

2022 Annual Drinking Water Consumer Confidence Report Porterville Water Association & Porterville Water Association-Kemper Springs PWS ID # 0350006 & 0350024

Report Completed on May 23, 2023

We're planted by present to you your 2022 Assent Report. This report is designed to infer the united without the quality without and provide you with a total dependant to the provide you with a total dependant to the filleding water. We want you're auditable the effects we make to community improve the value to community to you. and protect our wear recourse. We are committed to ensuring the quality of your water

Sources of Water

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Water System Information

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Our system was finished in 1969. At the time, we had see well. Taken we have four wells, the newest time on Highway 45 words of Diemto Mills. The price of supplies have greatly encapsed over the year. The secretary out of electrosty for me wells sail pumping statums in \$4700 a month. Die menage cost of supplies for the wells and region of the wells said pumping that me a \$4700 a month. Die menage cost of supplies for the wells and region up or so, well smaller? I at Floring Mills the print your that cost abriest \$20,00%. We also have two lear payments that cost approximately \$9400. We purchased from the air compressors for the system. We large to receive \$200,000 in the finite from the MS Capital Expense Food for assistance is ingraving the water system.

If you have any questions shop this report or concerning your worse unity, please contact fine Smart or Danyel Walker at 601.416-9614. We want you valued continues up be extend about their water unity. If you want to have note, please attend why of our requirely whethalts message. They are held on the 4" Monday of each reach at the Posteriolis Wales Association of the are 6.50 per.

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Explanation of Reasons for Monitoring Unregulated Contaminants

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P.O. BOX 8
PORTERVILLE, MS 39352

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FIRST-CLASS MAIL
U.S. POSTAGE
PAID
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PORTERVILLE, MS

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ON OR BEFORE DUE DATE	07/10/2023	AMOUNT AFTER DUE DATE	
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Consumer Confidence Report available in office.

RETURN SERVICE REQUESTED

020239000 JOHNIE B STUART

99 BUCHANAN RD PORTERVILLE MS 39352-6417

Cockrell, Joan

From: AT&T Mail <portervillewater24@att.net>

Sent: Tuesday, July 11, 2023 9:17 AM

To: Cockrell, Joan

Subject: Fw: CCR

Attachments: Porterville WA - CCR (7).pdf; ccr2.jpg; IMG-7157.jpg; IMG-7163.jpg

---- Forwarded Message -----

From: AT&T Mail <portervillewater24@att.net>

To: water.reports@msdh.ms.gov <water.reports@msdh.ms.gov>

Sent: Wednesday, June 28, 2023 at 02:26:25 PM CDT

Subject: CCR