Certification

RECEIVED MSDH-WATER SUPPLY

Water systems serving 10,000 or more must use: Distribution Method I	2023 JUN 29 PM 3: 38	3	
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	OFFICE USE	E ONL V	
Distribution Method III and IV			
Public Water Supply name(s):	7-digit Public Water	Supply ID #(s):	
East Pontotoe Water Assn	0580002		
Distribution (Methods used to distribute CCR to ou	r customers)		
☐ I. CCR directly delivered using one or more method b	elow:		
□ *Provided direct Web address to customer □ Hand delivered	*Add direct Web address (UR		
□ Mail paper copy	Example: "The current C		
□ Email	www.waterworld.org/ccrMay2023/0830001.pdf. call (000) 000-0000 for paper copy".		
		or paper copy .	
★II. Published the complete CCR in the local	Date(s) published:		
newspaper.	6 28 2023)	
☐ III. Inform customers the CCR will not be mailed but is available upon request.	Date(s) notified:		
List method(s) used (examples – newspaper, water bills, newsletter, etc.).	Location distributed:		
XIV. Post the complete CCR continuously at the	Date: 6/15/2023		
local water office. Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)	Locations posted: Ou Board besic	de office door	
Certification			
This Community public water system confirms it has distributed is and the appropriate notices of availability have been given and to consistent with the compliance monitoring data previously submit Public Water Supply and the requirements of the CCR rule.	hat the information contained in	n its CCR is correct and	
Name: Sebele prude	Title: Board Date: 6/25/202		
Submittal		Land Same 1	
Email the following required items to water.reports@msdh.ms.gov 1. CCR (Water Quality Report) 2. Certificat			

2022 Annual Drinking Water Quality Report East Pontotoc Water Association PWS#: 0580002 June 2023

RECEIVED
MSDH-WATER SUPPLY
2023 JUN 29 PM 3: 37

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 ensuring the quality of your water.

Contact & Meeting Information

If you have any questions about this report or concerning your water utility, please contact Lain Gillespie at 662.509.0320. 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 second Tuesday of June at 7:00 PM at the East Pontotoc Water Office.

Source of Water

Our water source is from wells drawing from the Eutaw Formation Aquifer. 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 East Pontotoc Water Association have received lower 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 1st to December 31st, 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:

<u>Action Level (AL)</u>: 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.

<u>Maximum Contaminant Level Goal (MCLG)</u>: 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.

<u>Maximum Residual Disinfectant Level (MRDL)</u>: 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.

<u>Maximum Residual Disinfectant Level Goal (MRDLG)</u>: 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.

<u>Picocuries per liter (pCi/L)</u>: picocuries per liter is a measure of the radioactivity in water.

				TEST R	ESULT	S		
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source of Contamination
Radioactiv	ve Cont	taminan	its					
5, Gross Alpha	N	2020*	1.8	No Range	pCi/L	0	15	Erosion of natural deposits
6. Radium 226	N	2020*	.37	No Range	pCi/L	0	5	Erosion of natural deposits
Inorganic	Conta	minant	S					
8. Arsenic	N	2022	2.5	2.4 – 2.5	ррь	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass an electronics production wastes
10. Barium	N	2022	.099	.0975099	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2020/22	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposit leaching from wood preservatives
16. Fluoride	N	2022	.151	.134151	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2020/22	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Unregulat	ted Cor	ntamin	ants					
Sodium	N	2022	90.4	88.4 – 90.4	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfecti	on By-	Produc	ts					
Chlorine	N	2022	1	.7 – 1,3	mg/l	0	MDRL = 4	Water additive used to control microbes

^{*} Most recent sample. No sample required for 2022.

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

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.

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.

MONITORING AND REPORTING OF COMPLIANCE DATA VIOLATIONS SIGNIFICANT DEFICIENCIES

During a sanitary survey conducted on 9/27/2022, the Mississippi State Department of Health cited the following significant deficiency(s): CROSS CONNECTION CONTROL

The system is scheduled to complete corrective actions by 2/19/2023 using a compliance plan or are within the initial 120 days minimum.

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.

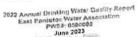
The East Pontotoc Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Please note: This report will not be mailed out to customers individually, however a copy may be requested from our office.

PROOF OF PUBLICATION

STATE OF MISSISSIPPI PONTOTOC COUNTY

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aforesaid, Lisa Bryant who be	ing duly sworn, sta	ates on oath that	he was publisher of THE	
PONTOTOC PROGRESS, publis	shed at Pontotoc,	Pontotoc County,	Mississippi, at the time the	
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Www.pleased to present to you this year's Annual Quality Water Report. This report is designed to indom year about the quality evidence and services we deliver to you every fair. Our constant goals is to provide you with a safe and department an experience which wonly you to understand the sefforts we make to constructly legrove the water instituted process and provide our voter institution. Visite committee to ensuring the quality of your water.

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				TEST R	ESULT	S		Likely Source of Contamination	
Contestaines	Violation V/N	Date Collected	Level	Range of Detects or 8 of Samples Exceeding MCL/ACL	Unit Manature- maril	MCLG	MCI,	Classic or Contact	
Radioacti	ve Cont	aminar	its		9			Emilian of natural deposits	
Kilonen	AE COR.			No Rance	DCIA.	0	19	Erosian of rustiess dispussia	
S. Gross Aleka.	N.	2020°	4.8	No. Range	pCit.	0		Element de same as de	
e Germen 726	N	2000*	37	Not represe					
Inorganic	Conta	minant	5				10	Entrates of natural deposits, runoff	
B. Armeric	Н	2027	2.5	24-26	ppb	17/8	39	plan prohable, fulled from plans and planstooks production wavies	
10 Barberr	N	2002	.D98	,0975 - 009	ppm	2	2	Discourge of criting wester. decharge from metal refinences. engine of natural deposits.	
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					patr	4	- 4	Entrain of meuro deposits, water actions which productes about	
16. Fluorida	N	2022	,181	.134 - 151	blyw				broth, discharge from torticer and
					_		45.415	Compaint of Feature hold plureling	
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Unregula	teu Lo			24.4 - 00.4	DEW	20		Road Saft, Water Treatmore, Charitosis, Water Softwares and	
bodier	N	2022	90,4	26.4 - 95.4	77	575		Energy Effacts	
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We are required to meritar your directly water for epocitic contaminants on a monthly bear. Results of regular monopring are an indicator of whether or not bur divisibly water meets insist) standards. In an effort to onsure systems complete all monthlying requirements, MSDH now notifies bytempt of any missing exceptes prior to the compliance period.

LEAD BEFOREATION

If present, devaided levels of lead can cause seminal health problems, especially for programs warriers and young children Lead in Fernance, devaided levels of lead on cause seminals and components associated with service lines and former purelying. Our wester systems were considered for providing high goality disabling writer, but carrier suchout the variety of instantials used in planning components. When responsible for providing high goality disabling writer, but carrier such the bean storage for several frontile, you can environment should test feel as opposition to \$1 pour writer has been storage for several frontile, you can environment about lead in your editer, you may wish to himself environment or or feel or ording of you can concerned about lead in your editer, you may wish to himself instantiation on lead in directing easier, leading mellinate, and skipp you can take to minimize exposure its available front his Sale listed information on lead in directing easier, leading mellinate, and skipp you can take to premit the exposure of a available front his Sale listed. Information on lead in directing easier, leading presented and the provider of the purposes of a sale of the provider of the purpose of the sale provider of the purpose of the purpose of the purpose of the provider of the purpose of the purpose

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MONITORING AND REPORTING OF COMPLIANCE DATA VIOLATIONS SIGNIFICANT DEFICIENCIES

SIGNIFICANT DEFICIENCES

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Some people may be more vulnerable to concernments in striking sates than the general properation. Immuno-compromised persons such as persons with cancer undergoing chemodistrary, persons who have undergoing origin transplants, people with NVANDS or such as persons who was account of sources, some olderly, and infertis can be personably at risk bornt between the several should seek undergoing original sections. These people should seek used about disposit when the major can be personably at risk bornt between the risk of infection by about disposit when the major can be personable from the Safe Direkting Water Hoden 1.800.428.4791.

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The East Postotic Water Association works around the eleck to provide top quality waste to every tap. We ask that all our customers halp us protect our water sources, which set the heart of our community, our way of the end our children's future.

Please note: This report will not be trailed out to customers individually, increver a copy may be requested from our office.