Certification

Distribution Method I

Water systems serving 10,000 or more must use:

RECEIVED MSDH-WATER SUPPLY 2023 JUN 29 PM 3: 49

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):				
PANHANDLE WATER ASSA	0100006-0100016				
Distribution (Methods used to distribute CCR to ou	ır customers)				
□ I. CCR directly delivered using one or more method b					
*Provided direct Web address to customerHand delivered	*Add direct Web address (URL) here:				
□ Mail paper copy	Example: "The current CCR is available at				
□ Email	call (000) 000-0000 for paper copy".				
II. Published the complete CCR in the local	Date(s) published:				
newspaper.	6-9.23				
III. Inform customers the CCR will not be mailed	Date(s) notified:				
but is available upon request.	6-22-23 6-23-23				
Note made	Location distributed: 11 And distribute Render				
VIV. Post the complete CCR continuously at the	Date: 6-21-23				
local water office.	Locations posted:				
☐ "Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)	weir Publichibary				
Certification					
This Community public water system confirms it has distributed i and the appropriate notices of availability have been given and the consistent with the compliance monitoring data previously submit Public Water Supply and the requirements of the CCR rule.	nat the information contained in its CCR is correct and				
Name: hard / owell	Title: Date: 6-23-23				
Submittal					
Email the following required items to 1. CCR (Water Quality Report) 2. Certification	regardless of distribution methods used. 3. Proof of delivery method(s)				

2022 Annual Drinking Water Quality Report Panhandle Water Association PWS#:100006 & 100016 May 2023

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 Richard Vowell at 662.285.7243. 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 third Thursday of the month at 7:00 PM at the Panhandle Fire Dept.

Source of Water

Our water source is from wells drawing from the Meridian Upper Wilcox 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 Panhandle Water Association have received moderate rankings in terms of susceptibility 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:

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

<u>Maximum Contaminant Level (MCL)</u>: 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.

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

PWS # : 1	00006			TEST RE	SULTS			
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
Inorgani	c Conta	minant	S					
10. Barium	N	2022	.0317	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	1/6-2022 7/12/2022	.1 .2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits leaching from wood preservatives
17. Lead	N	1/6-2022 7/12/2022	1 2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2022	1.15	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion on natural deposits
Unregula	ted Co	ntamin	ants					***
Sodium	N	2021*	23.1	No Range	ppm	2	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfect	ion By-	Produc	ts					
Chlorine	N	2022	.6	.57	mg/l	0	MRDL = 4	Water additive used to control microbes

PWS#: 10	0016			TEST RES	ULTS			
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
Radioacti	ve Con	tamina	nts			-		
5. Gross Alpha	N	2020*	1.8	No Range	pCi/L	0	15	Erosion of natural deposits
6. Radium 228	N	20209	1.1	No Range	pCi/L	0	5	Erosion of natural deposits
Inorganic	Conta	minant	S					
10. Barium	N	2022	.0337	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2017/19*	0.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N	2021	15.4	No Range	ppb	200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
17. Lead	N	2017/19*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Unregulat	ted Co	ntamin	ants					
Sodium	N	2021*	38	No Range	ppm		20	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfecti	on By-	Produc	ts					
Chlorine	N	2022	.5	.4 – .7	mg/l	0	MRDL = 4	Water additive used to control microbes

^{*} Most recent sample. No sample required for 2021.

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.

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 Pan Handle 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.

Page 8 Friday, June 9, 2023 • www.choctawplaindealer.com

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Picocuries per liter (pCVL), picocuries per liter is a measure of the radioactivity in water

PWS # : 1	00006			TEST RE	SULTS			
Contaminant	Violation Y/N	Date Collected	Level Delected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Messure- ment	MCLG	MCL	Likely Source of Contemination
Inorgani	c Conta	minant	ts					
10. Bartum	N	2022	.0317	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	1/6-2022 7/12/2022	.2	0	ppm	1.3	AL=1.3	
17 Lead	N	1/6-2022	2	0	ppb	0	AL=15	
19 Nitrate (eu Nitrogen)	N.	2022	1.15	No Range	ppm	10	10	
Unregula	ited Co	atamin	ants					
Sodium	N	2021*	23.1	No Range	ppm	2	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Efficients
Disinfect	ion By-	Produc	cts					14
Chlorine	N	2022	.6	.67	mg/I	0	MRDL = 4	Water additive used to control migrobes

PWS#: 10	00016			TEST RES	ULTS			
Conteminant	Violation	Date Collected	Level	Range of Detects or # of Samples Exceeding MCL/AGL/MRDL	Unit Metteure- rment	MCLG	MCL	Likely Source of Contamination
Radioact	ive Con	tamina	nts					
5. Gross Alpha	N	2020*	1.8	No Range	pC#L	0	15	Erosion of natural deposits
6 Radium 228	N	20209	1.1	No Rance	pCi/L	0	5	Erosion of natural deposits

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Inorgani	c Conta	minant	s					and the second s
10. Banum	N	2022	.0317	No Range	ppm	2	. 2	Discharge of drilling wastes, discharge from motal refineries, arcsion of natural deposits
14 Copper	Ņ	1/8-2022 7/12/2022	1	0	ppm	1.3	AL=1.3	Corresion of household plumbing systems, erosion of natural deposits; leaching from wood preservatives
17. Lead	N	1/6-2022	1	0	ppb	٥	AL=15	Corrosion of household plumbing avalence, arceion of natural deposits
19. Nitrate (as Nitragen)	N	2022	1.18	No Range	ppm	10	10	Runolf from fertilizer use; leaching from septic tanks, sewage, erosion of natural deposits
Unregula	ted Co	atamin	ants		· ·	******		
Sodium	N	2021-	23.1	No Range	pprh	2	0	Road Salt, Water Treatment. Chemicats, Water Softenars and Sewage Effluents
Disinfect	ion By-	Produc	ts					
Chlorine	N	2022	.6	.57	mg/l	0	MROL # 4	Water additive used to control microbes

PWS#: 10	0016			TEST RES	ULTS			
Conteminant	Violation	Collected	Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Methuri ment	MCLG	MOL	Likely Source of Contemination
Radioacti	ve Con	tamina	nts					
5. Gross Alpha	IN	2020*	1.8	rio Ranno	DCML.	0		Ercolon of natural deposits
6. Radium 228	N	20209	3.3	No Range	PCIAL	0	B	Erosion of natural deposits
Inorganic	Conta	minant	S				×	
10. Banum	N	2022	.0837	No Range	ppm	2	2	Discherge of drilling wastes, discharge from metal refineries: erceion of natural decosits
14. Сорраг	N	2017/18*	9.3	0	apm	1.3	AL=1.3	
15. Cyenide	N	2021	18.4	No Range	ppb	200	200	
17. Lead	N	2017/19*	•	0	ppb	0	ALM18	Corrosion of household plumbing systems, erosion of natural deposits
Unregula	ted Co	ntamin	ants					
Sedium	N	2021*	38	No Range	[Di	arn	50	Road Selt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfecti	on By-	Produc	ts					
Chiefine	N	2022	.6	4-2	mazi	0	MRDL = #	Weller additive used to control

* Most recent sample. No sample required for 2021.

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PROOF OF PUBLICATION STATE OF MISSISSIPPI COUNTY OF WINSTON

MSDH-WATER SUPPLY 2023 JUN 20 PH 8: 40

Vol. 130,	No. 23 on the $\frac{9}{1}$ day of $\frac{1}{1}$	2023
Vol. 130,	No on the day of	2023
Vol. 130,	No, on the, day of	2023
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By: Yully & Monpson (newspaper)

Sworn to and subscribed to this the <u>2nd</u> day of <u>June</u>, <u>2023</u>, by the undersigned Notary Public of said County and State.

(Notary)

NOTARY PUBLIC Winston County Commission Expires February 11, 2026