Certification

Water systems serving 10,000 or more must use: 2023 MAY 17 AM 9: 40 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): OMA Water Association **Distribution** (Methods used to distribute CCR to our customers) □ **I.** CCR directly delivered using one or more method below: *Provided direct Web address to customer *Add direct Web address (URL) here: □ Hand delivered Example: "The current CCR is available at □ Mail paper copy www.waterworld.org/ccrMay2023/0830001.pdf. □ Email call (000) 000-0000 for paper copy". Date(s) published: **II.** Published the complete CCR in the local newspaper. **III.** Inform customers the CCR will not be mailed but is available upon request. List method(s) used (examples – newspaper, water Location distributed: bills, newsletter, etc.). N. Post the complete CCR continuously at the Date: local water office. Locations posted: □ "Good Faith Effort" in other public buildings with algama Country the water system service area (i.e. City Hall, Public Library, etc.) Certification This Community public water system confirms it has distributed its Consumer Confidence Report (CCR) to its customers and the appropriate notices of availability have been given and that the information contained in its CCR is correct and consistent with the compliance monitoring data previously submitted to the MS State Department of Health, Bureau of Public Water Supply and the requirements of the CCR rule. Name: Title: Date: Lee Manager Submittal

Email the following required items to water reports@msdh.ms.gov regardless of distribution methods used.

2. Certification

3. Proof of delivery method(s)

1. CCR (Water Quality Report)

2022 Annual Drinking Water Quality Report Algoma Water Association Algoma Water Association 2023 APR 26 AM 10: 28

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 Beverly Dallas at 662.489.8351. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the regular meetings scheduled on the fourth Monday of each month at 5:00 PM at the Algoma Community Center.

Source of Water

Our water source is from wells drawing from the Gordo Formation, Eutaw Formation, and the McShan Formation Aquifers. 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 Algoma Water Association have received lower to moderate 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:

Action Level (AL): 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.

Maximum Contaminant Level Goal (MCLG): 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.

Maximum Residual Disinfectant Level (MRDL): 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.

Maximum Residual Disinfectant Level Goal (MRDLG): 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.

				TEST RES	SULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurem ent	MCLG	MCL	Likely Source of Contamination
Radioactiv	ve Conta	minants						
6. Radium 226 Radium 228	N	2020*	.67 .97	No Range	pCi/L	0	5	Erosion of natural deposits
Inorganic	Contam	inants						
8. Arsenic	N	2019*	1.1	.1 – 1.1	ppb	п/а	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2019*	.0235	.02060235	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries erosion of natural deposits
13. Chromium	N	2019*	2	1.5 - 2	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2018/20*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019*	.201	.188201	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2022	92.1	87.4 – 92.1	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	on By-Pr	oducts						
Chlorine	N	2022	.9	.6 – 1.2	mg/l	0	MDRL = 4	Water additive used to control microbes

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

Sodium. 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

Our system received a violation for not submitting a 2022 Annual Report. The report was completed, and our system was returned as compliant.

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 Algoma 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.

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PROOF OF PUBLICATION

STATE OF MISSISSIPPI PONTOTOC COUNTY

Personally appeared before me, t	he undersigned Notary Public in ar	nd for the State and County						
aforesaid, <u>Lisa Bryant</u> who being o	luly sworn, states on oath that he	was publisher of THE						
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2022 Annual Drinking Water Quelity Report Algoria Water Association PWS#: 0580001

We're pleasant to present to you this year's Annual Quarty Yinfor Report. This report is designed to inform you above the quality was and services are deliver to you every day. Our constant goal is to provide you with a safe and dependants supply of drafting water. We want you to understand the eliterate we make to continuely improve the water treatment and expended our water (securiors. We are committed to ensuring the quality of your water.

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Period Covered by Report.

We multiply moment for contaminants in your denking water according to believe and state laws. This report is based on results of our monitoring period of January 19 to December 319, 2022, In cases where monitoring wasn't required in 2022, the little reflects the most record seeiing done in accordance with the laws, rules, and regulations.

As water travels over the surface of land or underground, it disables habitally occurring minerals and, in some cases, radioactive materials and can plot up substances or contaminants from the presence of animals or from human activity, relatebles contaminants, such as virtuaes and bacteria, that may come from sewage treatment plants, septie systems, agricultural freework operations, and wildlifes integrated contaminants, such as a strictular, which one to naturally occurring or restant from some stem water under time a variety of sources work as applicables, which one to naturally occurring containing occurring in the strict and provides and more determined, including synthetic and votable organic operations, which are try-producted of industrial processes and perfolaum production, and can also containing a strict or an experiment of the strict of selling an applicable organic operations, which are try-producted of industrial processes and petroleum production, and can also come level as a stricture of the selling and the stricture of the selling production and mining activities. In order to ensure that the water is eate to drive. EPA or secretion and the stricture of the selling and the selling contaminants which are the natural production and the selling contaminants and the selling contaminants are contained as a contained and the selling contaminants in water provided by pusitioned as selling selling and the insecurity occurring the provided production and the selling position and the sellin

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Maximum Records (Printection Level Goal (MROLG): The layer of a drillicing water d'ainfactant below which there is no known or expected talk of leadin. MROLOs do not refrect the benefits of the use of charles sente to control interrobal contaminants.

Parts per to 1 fellion parts by weight of analyte to 1 billion parts by weight of the water comple.

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				TEST RES	SULTS			
Conferninger	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Sumples Exceeding MCL/ACL	Unit Measurem ent	MCE(S)	MCL.	Likely Source of Contentions
Radioacti	ve Conta	ımlnants	17.6 mm					
8 Radium 226 Radium 228	N	2020*	.57 97	No Range	pote.	0		Froeion of notices deposits
Inorganie	Contam	inants						
E. Americ	N	2019*	6.4	.1 - 1 ₄ \$	bbp	nese.	10	Emelor of reparal deposits, ranol from emisency, ranoll from gister end electronics renduction wastes
10. Hacken	H	2019"	,02%	.02060235	יתקמ	2	2	Cincharge of drilling wastes: decreage from motal advantas ecusion of honoral deposits
13, Commun	N	2010*	2	15-2	ppb	100	100	Discharge from steel and pulp rath: grouler of netural deposits
14 Соррыг	12	2018/20*	A	0	ppm	1.3	AL=13	Compains of household plumbing systems, enables of natural deposits; seed-ting from wood preservatives
(G. Fisioride	N	2019*	.201	185 ~ .201	ppm	•		Erosinn of natural deposits, water addition which promotes stoom tenth; discharge from terfazer and alternation restorate
17, Land	N	2018/20*	1	0	pph	0	AL=15	Correspon of household plantiling systems, emaion of natural deposits
Badlum	N	2022	92,1	87.4 - 92.1	ррт	70	0	Road Salt, Water Treatment Chierocals, Water Schaners and Revege Ethorets.
Disinfection	n By-Pr	odnets	9. 7.3			3 600		
Chilorine	M	2022	.9	A-12	fgn	0	MORL + 4	Wider addition used to central microbes

" Most recent sample. No sample required for 2022.

Softwan Excess softwan from self-in the dest increases the risk of high blood previous and cardiovaccular due over

We are required to monitor your drinking water for specific contaminants on a monitory basis. Results of regular monitoring are an indicator of whether or not our drinking water mosts houth standards. It is not expert to casure systems complete all monitoring requirements, MSDM now notifies applicance dray missing samples prior to the safe of the complished period.

LEAD INFORMATION
If present, severated levels of feed can course serious health problems, especially for pregnant women and young children. Load in directing water is primarily from materials and controphents associated with service lines and horse plumbing, otherwise is responsible for providing high quality directing water, but coursed control tils survive of materials used patholing operations. When your water has been eiting for several hours, you can minimize the potential for lead imposure by flushing your pay to 0.70 seconds to 2 minutes because using water for driving or country. If you are concerned about lead in your water, you may wish to flust your water has the formation as an expensive of the provided of the pr

VIOLATIONS

City system received a violation for not submitting a 2022 Annual Report. The report was completed, and our system was returned as necessarily reducts that the water power in health risk. More information about contemporal and poleroblained by calling the Environmental Projection Agency's Sale Orinking Water Holling at 1,000.428.4791.

Some people may be more vulnerable to communicate in brinding water than the general population, incruno-compranied persons such as persons with cancer undergoing chemicitentary, persons with time undergoing communications and the minute can be personally at risk from interfaces. Soople with HNVAIDS or other minute system allocates, some address, and minute can be personally at risk from interfaces. These people should seek active about diminute water people should seek active about diminute water people should be provided. EAPACDG guidelines on appropriate masses at leasting the risk of infecces by Cryptosporkflum and other microscological contemplations are available from the dust Or sixely Water Notice 1.800.428.4721.

The Algema Water Association works around the clock is provide top quality was to every top. We disk that all our customers help us product our water accuracy, which are the heart of our committy, our way of the and our checkers a label.