


2023 SEP 13 AM 8:34

Certification

<u>Water systems serving 10,000 or more must use:</u> Distribution Method I <u>Water systems serving 500 - 9,999 must use:</u> Distribution Method I OR Distribution Method II, III, and IV <u>Water system serving less than 500 people must use:</u> Distribution Method I OR Distribution Method II, III, and IV OR Distribution Method III and IV		OFFICE USE ONLY
Public Water Supply name(s): <i>Bluff Creek Mobile Home Park</i>	7-digit Public Water Supply ID #(s): <i>0300079</i>	
Distribution (Methods used to distribute CCR to our customers)		
<input type="checkbox"/> I. CCR directly delivered using one or more method below:		
<input type="checkbox"/> *Provided direct Web address to customer <input checked="" type="checkbox"/> Hand delivered <i>displayed in Park Office</i> <input type="checkbox"/> Mail paper copy <input type="checkbox"/> Email	*Add direct Web address (URL) here: Example: "The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf call (000) 000-0000 for paper copy".	
<input type="checkbox"/> II. Published the complete CCR in the local newspaper.	Date(s) published:	
<input type="checkbox"/> III. Inform customers the CCR will not be mailed but is available upon request. List method(s) used (examples – newspaper, water bills, newsletter, etc.).	Date(s) notified:	
	Location distributed:	
<input checked="" type="checkbox"/> IV. Post the complete CCR continuously at the local water office. <input type="checkbox"/> "Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)	Date: <i>9-12-2023</i>	
	Locations posted: <i>Park Office Water system Office</i>	
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: <i>M. Daniel R. Fooks</i> 	Title: <i>Manager</i>	Date: <i>9-12-2023</i>
Submittal		
Email the following required items to water.reports@msdh.ms.gov regardless of distribution methods used. 1. CCR (Water Quality Report) 2. Certification 3. Proof of delivery method(s)		

2022 Annual Drinking Water Quality Report
Bluff Creek Mobile Home Park
PWS#: 300079
September 2023

RECEIVED
MSDH-WATER SUPPLY
2023 SEP 12 AM 7:42

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality of water and the 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 Information

If you have any questions about this report or concerning your water utility, please contact Michael Fooks at 228.355.2672. We want our valued customers to be informed about their water utility.

Source of Water

Our water source is from a well drawing from the Graham Ferry 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 well for our system has received a lower susceptibility ranking 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 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
Microbiological Contaminants								
1. Total Coliform Bacteria including E. Coli	Y	April	Monitoring		NA	0	Presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment E Coli comes from human and animal fecal waste
Inorganic Contaminants								
8. Arsenic	N	2022	1.5	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2022	.0074	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2022	.8	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2018/20*	0	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2022	.419	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection By-Products								
Chlorine	Y	2022	1.2	.41 – 1.6	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2022.

Microbiological Contaminants:

(1) Total Coliform/E Coli. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system.

Disinfection By-Products:

Chlorine. Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

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 monitoring violation during April 1, 2022 – June 30, 2022, we did not complete all monitoring or testing for bacteriological and Chlorine contaminants and therefore cannot be sure of the quality of our drinking water during that time. We were required to take 1 sample and took none. We have since taken the required sample that showed we are meeting drinking water standards. Also, for January 1, 2017 – December 31, 2022, we did not complete all monitoring or testing for VOCs – Volatile Organic Compounds.

ENFORCEMENT

COMPLIANCE MEETING/ADMINISTRATIVE HEARING

This public water system was required by the MS State Department of Health, Bureau of Public Water Supply to participate in a compliance meeting or administrative hearing due to failure to meet compliance deadline for significant deficiencies. We expect new well construction to be completed approximately by 11/20/2023. This will correct significant deficiencies.

SIGNIFICANT DEFICIENCIES

Monitoring and Reporting of Compliance Data Violations:

During a sanitary survey conducted on 9/20/2012, the Mississippi State Department of Health cited the following significant deficiency(s): SOURCE WATER QUALITY/CAPACITY

The system is scheduled to complete corrective actions by 3/11/2013 using a compliance plan or are within the initial 120 days minimum.

During a sanitary survey conducted on 9/15/2015, the Mississippi State Department of Health cited the following significant deficiency(s): INADEQUATE FOLLOW-UP OF PREVIOUS DEFICIENCIES

The system is scheduled to complete corrective actions by 2/08/2016 using a compliance plan or are within the initial 120 days minimum. Our system has failed to meet the compliance deadline and is now in enforcement status and must appear before MSDH Enforcement and the state appointed Hearing Officer.

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.

We work 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.

44

MEMBER INFORMATION SHEET

MEMBER NAME: _____

MEMBER CODE: _____

DISPATCH CODE: _____

MEMBER ADDRESS: _____

MEMBER PHONE: _____

MEMBER OCCUPATION: _____

MEMBER INTERESTS: _____

MEMBER COMMENTS: _____

MEMBER INFORMATION SHEET

MEMBER NAME: _____

MEMBER CODE: _____

DISPATCH CODE: _____

MEMBER ADDRESS: _____

MEMBER PHONE: _____

MEMBER OCCUPATION: _____

MEMBER INTERESTS: _____

MEMBER COMMENTS: _____

CERTIFICATION

MEMBER NAME: _____

MEMBER CODE: _____

DISPATCH CODE: _____

MEMBER ADDRESS: _____

MEMBER PHONE: _____

MEMBER OCCUPATION: _____

MEMBER INTERESTS: _____

MEMBER COMMENTS: _____

MEMBER INFORMATION SHEET

MEMBER NAME: _____

MEMBER CODE: _____

DISPATCH CODE: _____

MEMBER ADDRESS: _____

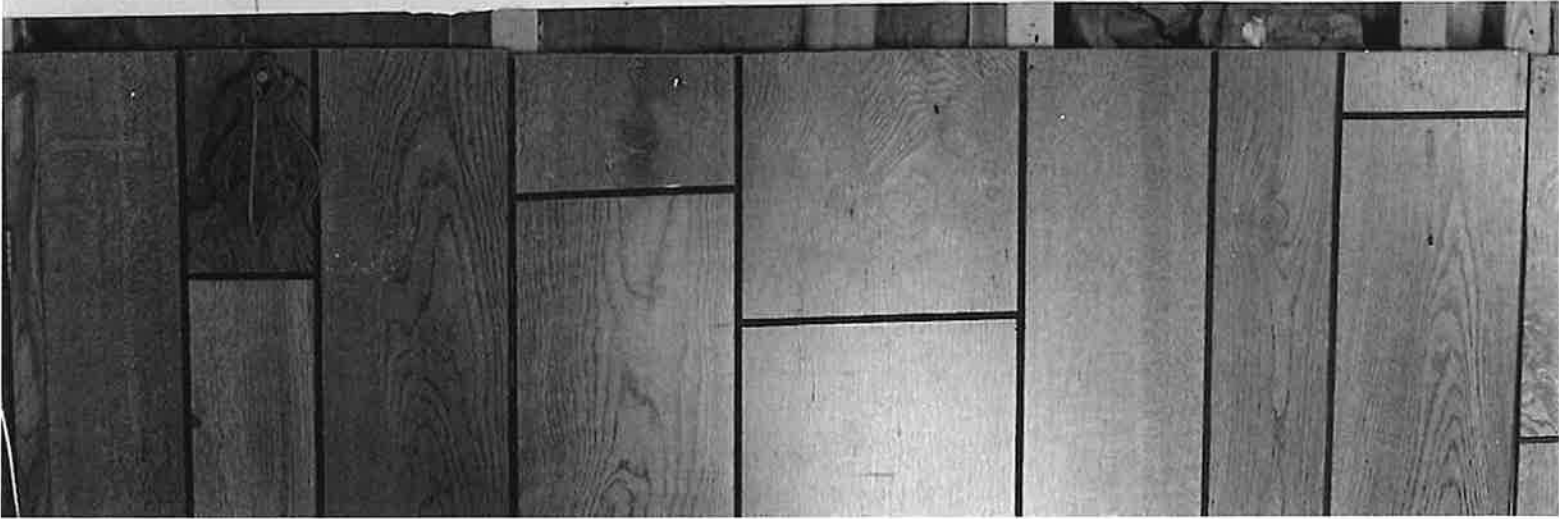
MEMBER PHONE: _____

MEMBER OCCUPATION: _____

MEMBER INTERESTS: _____

MEMBER COMMENTS: _____

MS. ONE CALL
MEMBER CODE: MS099
DISPATCH CODE: MS0386



Posted CCR and Certification at Bluff Creek Mobile Home Park Office for public notice.