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MSDH-WATER SUPPLY
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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): BIGFIELD WATER ASSOCIATION		7-digit Public Water Supply ID #(s): 0600002			
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 type="checkbox"/> Hand delivered <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 checked="" type="checkbox"/> II. Published the complete CCR in the local newspaper.		Date(s) published: 5/11/2023			
<input checked="" 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.). WATER BILLS		Date(s) notified:			
		Location distributed: 05/2023			
<input type="checkbox"/> IV. Post the complete CCR continuously at the local water office. <input checked="" type="checkbox"/> "Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)		Date: 05/08/2023			
		Locations posted: MARKS-QUITMAN COUNTY LIBRARY			
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: JACKIE WILEY		Title: CLERK		Date: 5/30/23	
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
Big Field Water Association
PWS#: 0600002
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.

About Our System

The Big Field Water system is made up of three different areas, they merged with two smaller systems. The Birdie Water Association and Norfleet Utilities. The system is in the process of putting down new waterlines in the Norfleet area.

Contact & Meeting Information

If you have any questions about this report or concerning your water utility, please contact Thomas E. Clayton, Jr. at 662.326.3322. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the regular meetings scheduled for the second Wednesday of each month at 6:00 PM at Marks Community House.

Source of Water

Our water source is from wells drawing from the Tallahatta 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 Big Field 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:

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
Radioactive Contaminants								
5. Gross Alpha	N	2020*	1.6	No Range	pCi/L	0	15	Erosion of natural deposits
6. Radium 228	N	2020*	.86	No Range	pCi/L	0	5	Erosion of natural deposits
Inorganic Contaminants								
10. Barium	N	2022	.0101	.0099 - .0101	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2022	1.6	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2018/20*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2022	.16	.154 - .16	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Unregulated Contaminants								
Sodium	N	2019*	120000	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2022	6.32	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM (Total trihalomethanes)	N	2022	11	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2022	.7	.6 - .8	ppm	0	MRDL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2022.

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

MONITORING AND REPORTING OF COMPLIANCE DATA VIOLATIONS

SIGNIFICANT DEFICIENCIES

During a sanitary survey conducted on 2/22/2013, the Mississippi State Department of Health cited the following significant deficiency(s):

CONDITION OF SOURCE FACILITIES

CROSS CONNECTION CONTROL

The system is scheduled to complete corrective actions by 7/13/2023 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 Big Field 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.

**BIG FIELD WATER ASSOCIATION, INC.
PO BOX 309
MARKS, MS 38646**

May 8, 2023

Mr. William Bahr
Marks-Quitman County Library
315 E. Main St.
Marks, MS 38646

Re: Big Field Water Consumer Confidence Report

Dear Mr. Bahr

Enclosed please find the Consumer Confidence report for Big Field Water Association, Inc., for the year 2022. The Association is encouraged by the State Health Department to provide customers with public access to this report.

I appreciate your help in this matter.

Sincerely,

Thomas E. Clayton, Jr.
Certified Public Accountant
Big Field Water Association, Inc.

TC:tc



The Quitman County Democrat

P.O. Box 328, Marks, MS 38646
Phone 662-326-2181
quitmancodemocrat@att.net

Proof of Publication

Bill Knight personally appeared before me, the undersigned authority in and for said County and State, and states under oath that he is the Publisher of The Quitman County Democrat, a newspaper published in the City of Marks, State and County aforesaid, and having a general circulation in said county, and that the publication of the notice, a copy of which is hereto attached, has been made in said paper, the *Quitman County Democrat*, consecutive times, to wit:


Proof

Scheduled Dates to Run:

Volume No. 117 on the 11 day of May, 2023
 Volume No. _____ on the _____ day of _____, 2023
 Volume No. _____ on the _____ day of _____, 2023
 Volume No. _____ on the _____ day of _____, 2023

[Signature]
 AFFIANT

Sworn and subscribed before me this 15 day of May, 2023
 BY: *[Signature]*


 My Commission Expires, _____ My Commission Expires Jan. 1, 2024

THIS IS YOUR INVOICE PLEASE PAY UPON RECEIPT

Bill To: BIG FIELD WATER ASSN
P.O. Box 309
MARKS MS 38646

Single First Insertion of _____	Words @ .12	\$ _____
Week 2 Insertion of _____	Words @ .22	\$ _____
Week 3 Insertion of _____	Words @ .32	\$ _____
Week 4 Insertion of _____	Words @ .42	\$ _____

Publications bill by Column inch
1 Times Run 6x8 x \$9.00 per column inch \$ 432.00

Proof of Publication Fee - \$3.00 per 1 proof/s \$ 3.00

\$ 435.00

BIG FIELD WATER ASSOCIATION INC .
 PO BOX 309
 MARKS, MS 38646
 (662) 326-3322
 338 5/26/2023

FIRST-CLASS MAIL
 US POSTAGE PAID
 PERMIT NO.0

SERVICES	Current	Meter Readings Previous	Usage	CHARGES
Water	351,400	349,490	1,910	35.00
Total Due				\$35.00
***After Due Date Penalty 3.50				\$ 38.50 ***

CUSTOMER ACCOUNT 338	DUE DATE PAST DUE - AFTER THIS DATE 6/10/2023
TOTAL DUE UPON RECEIPT 35.00	AFTER DUE DATE 38.50

MAIL THIS STUB WITH YOUR PAYMENT

FRANKLIN TERRY & MA
 P O BOX 438
 SLEDGE MS 38670

Last payment received 5/10/23 for \$35.00.
 CCR Available upon request

QB • 01-22

BIG FIELD WATER ASSOCIATION INC
 PO BOX 309
 MARKS, MS 38646
 (662) 326-3322
 331 5/26/2023

FIRST-CLASS MAIL
 US POSTAGE PAID
 PERMIT NO.0

SERVICES	Current	Meter Readings Previous	Usage	CHARGES
Water	833,480	831,480	2,000	35.00
Late Fec				3.50
Past Due				\$35.00
Total Due				\$73.50
***After Due Date Penalty 3.50				\$ 77.00 ***

CUSTOMER ACCOUNT 331	DUE DATE PAST DUE - AFTER THIS DATE 6/10/2023
TOTAL DUE UPON RECEIPT 73.50	AFTER DUE DATE 77.00

MAIL THIS STUB WITH YOUR PAYMENT

JONES, HORACE
 135 BUDDY JONES DR
 CRENSHAW MS 38621

Last payment received 4/20/23 for \$38.50.
 CCR Available upon request

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