

Certification

RECEIVED
MSDH-WATER SUPPLY
2023 JUN 20 PM 1:54

Water systems serving 10,000 or more must use:
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): 0450002/0450021
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Distribution (Methods used to distribute CCR to our customers)

I. CCR directly delivered using one or more method below:

<input checked="" 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: www.be.water.ms.org/sites/default/files/2022.ccr.pdf 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 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: Locations posted:

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: GENERAL MANAGER	Date: 6/20/2023
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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
Bear Creek Water Association, Inc.
PWS ID#:0450021 & 0450002
May 2023

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2023 MAY 15 AM 9:44

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

Bear Creek Water Association is the largest rural water system in the state with over 19,000 connections serving a population of approximately 50,000 people. During the past year, we have relocated and upgraded numerous lines on the system. A new well was completed late last year on the west side, and a new well will be completed by the end of 2023 for the east side. Also during 2023, we will be partnering with Madison County to relocate and upgrade lines on Bozeman Road. Bear Creek Water Association works continuously to provide safe quality water to every tap. Bear Creek Water Association has received an excellent score with MS State Department of Health for Capacity Development and numerous prestigious awards for distribution system operation and maintenance.

Contact & Meeting Information

If you have any questions about this report or concerning your water utility, please contact Jill Vaughn at 601.856.5969. 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 by the 10th of each month at 4:00 PM at the Bear Creek Office located at 301 Distribution Dr., Madison, MS 39110.

Source of Water

Our water source is from wells drawing from the Cockfield Formation, Sparta Sand 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 Bear Creek 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.

PWS ID#: 0450021		TEST RESULTS						
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
Radioactive Contaminants								
5. Gross Alpha	N	2019*	2.2	1.5 – 2.2	pCi/L	0	15	Erosion of natural deposits
6. Radium 226 Radium 228	N	2019*	.55 1.7	.23 - .55 No Range	pCi/L	0	5	Erosion of natural deposits
Inorganic Contaminants								
10. Barium	N	2022	.015	.0027 - .015	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2019/21*	.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	.173	.115 - .173	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2019/21*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Unregulated Contaminants								
Sodium	N	2022	95.4	66.7 – 95.4	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2022	5.07	1.67 – 5.07	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2022	2.84	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2022	1	.8– 1.8	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2022.

** Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.2 mg/l

PWS ID#: 0450002**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	2019*	2	1.8 - 2	pCi/L	0	15	Erosion of natural deposits
6. Radium 226 Radium 228	N	2019*	.53 .77	.31 - .53 .66 - .77	pCi/L	0	5	Erosion of natural deposits
Inorganic Contaminants								
10. Barium	N	2022	.0239	.0013 - .0239	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2019/21*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2022	.166	.135 - .166	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2019/21*	2	No Range	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Unregulated Contaminants								
Sodium	N	2022	96.1	87.7 - 96.100	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2022	16	3.89 - 16	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2022	24.7	3.27 - 24.7	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2022	1.5	.9 - 2.5	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2022.

** Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.2 mg/L.

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.

FLUORIDE INFORMATION

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the BEAR CREEK W/A-WEST is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 7. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 53%. The number of months samples were collected and analyzed in the previous calendar year was 12.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the BEAR CREEK W/A -EAST is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 9. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 63%. The number of months samples were collected and analyzed in the previous calendar year was 12.

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 Bear Creek 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.



CUSTOMER SERVICE DEPARTMENT

(601) 856-5969 option #1

8:00 AM - 5:00 PM MONDAY- FRIDAY

WHEN PAYING THIS BILL IN PERSON,
BRING BOTH PORTIONS OF THIS BILL.

Account Number	203042-103042
Customer Name	HENRY JACKSON
Service Address	222 MCDONALD RD
Billing Date	05/12/2023
Amount Due	\$41.00-

Important Information:

To view the 2022 CCR Report, visit
www.bcwaterms.org/sites/default/files/2022ccr.pdf
Copies are available at the office to view.

METER NUMBER	READ DATE		METER READINGS		USAGE GALS X100
	PREVIOUS	PRESENT	PREVIOUS	PRESENT	
W69118852	04/12	05/12			

Compare Your Usage

203042-103042

Period	Days	Water GALS X 100
Current	30	0
Last Month	30	0

BILLING SUMMARY

Previous Balance	\$18.00-
Penalty Applied	\$0.00
Fees and Adjustments	\$0.00
Payment - Thank You!	\$34.50-
BALANCE FORWARD	\$52.50-
WATER	\$11.50
Total Current Charges	\$11.50

CREDIT BALANCE DO NOT PAY

Go to www.bcwaterms.org to pay your bill online
or pay by phone by dialing 866-216-8899.

CREDIT \$41.00-

DUE DATE 06/20/23

AFTER DUE DATE PAY \$41.00-

PLEASE SEPARATE REMITTANCE STUB AT THIS PERFORATION AND RETURN WITH PAYMENT

C: 02

R: 603

Customer Account Number:	203042 -103042
NET Amount Due:	\$41.00-
Current Charges Due Date:	06/20/23
Late Charges If Paid After Due Date:	0.00
Amount Due AFTER:	\$41.00-

This bill is now due and payable. Service may be discontinued without further notice for past-due amounts.



IMPORTANT: If the address or phone number listed below is incorrect, this could result in delayed response to service outages. If changes need to be made, please check the box and write in the correct information.

(601) 953-6030

001127

AUTO**SCH 5-DIGIT 39110 1127 T5:8 1127 1 AV 0.468
HENRY JACKSON
222 MCDONALD RD
MADISON MS 39110-7665

BEAR CREEK WATER ASSOCIATION INC
PO BOX 107
CANTON MS 39046-0107





CUSTOMER SERVICE DEPARTMENT

(601) 856-5969 option #1

8:00 AM - 5:00 PM MONDAY- FRIDAY

WHEN PAYING THIS BILL IN PERSON,
BRING BOTH PORTIONS OF THIS BILL.

Account Number	220801-127206
Customer Name	OMAR ALDAOUD
Service Address	110 KENSINGTON DR
Billing Date	05/12/2023
Amount Due	\$11.50

Important Information:
To view the 2022 CCR Report, visit
www.bcwaterms.org/sites/default/files/2022ccr.pdf
Copies are available at the office to view.

METER NUMBER	READ DATE		METER READINGS		USAGE
	PREVIOUS	PRESENT	PREVIOUS	PRESENT	GALS X100
W95129782	04/24	05/12		14	14

Compare Your Usage		
220801-127206		
Period	Days	Water GALS X 100
Current	18	14
Last Month	0	0

BILLING SUMMARY	
Previous Balance	\$0.00
Penalty Applied	\$0.00
Fees and Adjustments	\$600.00
Payment - Thank You!	\$600.00-
BALANCE FORWARD	\$0.00
WATER	\$11.50
Total Current Charges	\$11.50

Go to www.bcwaterms.org to pay your bill online
or pay by phone by dialing 866-216-8899.

PAY THIS AMOUNT	\$11.50
DUE DATE	06/20/23
AFTER DUE DATE PAY	\$12.65

PLEASE SEPARATE REMITTANCE STUB AT THIS PERFORATION AND RETURN WITH PAYMENT



C: 04
R: 623

Customer Account Number:	220801 -127206
NET Amount Due:	\$11.50
Current Charges Due Date:	06/20/23
Late Charges If Paid After Due Date:	1.15
Amount Due AFTER:	\$12.65

IMPORTANT: If the address or phone number listed below is incorrect, this could result in delayed response to service outages. If changes need to be made, please check the box and write in the correct information.
(601) 988-4775

This bill is now due and payable. Service may be discontinued without further notice for past-due amounts.

001728

*****SINGLE-PIECE 1728 T7:1 1728 1 SP 0.600
OMAR ALDAOUD
110 KENSINGTON DR
MADISON MS 39110

BEAR CREEK WATER ASSOCIATION INC
PO BOX 107
CANTON MS 39046-0107

