

# 2019 CERTIFICATION

Consumer Confidence Report (CCR)

Bear Creek Water Association

Public Water System Name

0450002 E 0450021

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **You must email, fax (but not preferred) or mail, a copy of the CCR and Certification to the MSDH.** Please check all boxes that apply.

- Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*
- Advertisement in local paper *(Attach copy of advertisement)*
  - On water bills *(Attach copy of bill)*
  - Email message *(Email the message to the address below)*
  - Other \_\_\_\_\_

Date(s) customers were informed: 06/01/2020 07/01/2020 / / 2020

- CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used \_\_\_\_\_

Date Mailed/Distributed: \_\_\_ / \_\_\_ / \_\_\_

- CCR was distributed by Email *(Email MSDH a copy)* Date Emailed: \_\_\_ / \_\_\_ / 2020
- As a URL \_\_\_\_\_ *(Provide Direct URL)*
  - As an attachment
  - As text within the body of the email message

- CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*
- Name of Newspaper: \_\_\_\_\_
- Date Published: \_\_\_ / \_\_\_ / \_\_\_

- CCR was posted in public places. *(Attach list of locations)* Date Posted: \_\_\_ / \_\_\_ / 2020

- CCR was posted on a publicly accessible internet site at the following address:
- www.bewater.ms.org/sites/default/files/2019-06/ccr.pdf *(Provide Direct URL)*

**CERTIFICATION**  
I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the Mississippi State Department of Health, Bureau of Public Water Supply

Michael Walker, GENERAL MANAGER  
Name/Title (Board President, Mayor, Owner, Admin. Contact, etc.)

6/11/2020

Date

### Submission options (Select one method ONLY)

**Mail:** (U.S. Postal Service)  
MSDH, Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

**Email:** [water.reports@msdh.ms.gov](mailto:water.reports@msdh.ms.gov)

**Fax:** (601) 576 - 7800

**\*\*Not a preferred method due to poor clarity\*\***

**CCR Deadline to MSDH & Customers by July 1, 2020!**

2019 Annual Drinking Water Quality Report  
Bear Creek Water Association, Inc.  
PWS ID#:0450021 & 0450002  
April 2020

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.

If you have any questions about this report or concerning your water utility, please contact Nolan Williamson at 601.859.5969. 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 10<sup>th</sup> of each month at 5:00 PM at 301 Distribution Dr., Madison, MS 39110.

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.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2019. In cases where monitoring wasn't required in 2019, the table reflects the most recent results. 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.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

*Action Level* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which 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 million (ppm) or Milligrams per liter (mg/l)* - one part per million corresponds to one minute in two years or a single penny in \$10,000.

*Parts per billion (ppb) or Micrograms per liter* - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

*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
<b>Radioactive Contaminants</b>								
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
<b>Inorganic Contaminants</b>								
10. Barium	N	2019	.0156	.0024 - .0156	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019	.96	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2016/18*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2019	.16	.146 - .16	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2016/18*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
<b>Disinfection By-Products</b>								
81. HAA5	N	2019	4	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2018*	11.36	6.68 – 11.36	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	1	0 – 1.4	mg/l	0	MDRL = 4	Water additive used to control microbes
<b>Unregulated Contaminants</b>								
Sodium	N	2019	96000	64000 - 96000	PPB	NONE	NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

\* Most recent sample. No sample required for 2019.

\*\* 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 Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Radioactive Contaminants</b>								
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
<b>Inorganic Contaminants</b>								
10. Barium	N	2019	.0752	.0015 - .0752	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019	1.4	.8 – 1.4	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2016/18*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019	.157	.138 - .157	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2016/18*	4	No Range	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

<b>Volatile Organic Contaminants</b>								
76. Xylenes	N	2018*	.000568	No Range	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
<b>Disinfection By-Products</b>								
81. HAA5	N	2019	18	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2019	26	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	1	.6 – 2.8	mg/l	0	MDRL = 4	Water additive used to control microbes
<b>Unregulated Contaminants</b>								
Bromide	N	2018*	94.7	20.3 – 94.7	UG/L			Naturally-occurring element found in the earth's crust and at low concentrations in seawater, and in some surface and ground water; cobaltous chloride was formerly used in medicines and as a germicide
Manganese	N	2018*	165	1.4 - 165	UG/L			Naturally-occurring element; commercially available in combination with other elements and minerals; used in steel production, fertilizer, batteries and fireworks; drinking water and wastewater treatment chemicals; essential nutrient
HAA5	N	2018*	18.84	17.4 – 18.84	UG/L			
HAA6BR	N	2018*	4.96	1.4 – 4.96	UG/L			
HAA9	N	2018*	23.46	19.7 – 23.46	UG/L			
<b>Unregulated Contaminants</b>								
Sodium	N	2019	120000	83000 - 120000	PPB	NONE	NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

\* Most recent sample. No sample required for 2019.

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

As you can see by the table, our system had no contaminate 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 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.

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.

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 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 69%.

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 6. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 69%.

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 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 awards for distribution system operation & maintenance.



PAPERLESS  
Invoice

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	200619-100619
Customer Name	NOLAN WILLIAMSON
Service Address	104 SAGEFIELD SQ
Billing Date	05/12/2020
Amount Due	\$74.78

**Important Information:**  
To View the 2019 CCR Report, Visit  
[www.bcwaterms.org/sites/default/files/2019ccr.pdf](http://www.bcwaterms.org/sites/default/files/2019ccr.pdf)  
Copy available at office (601)856-5969

METER NUMBER	READ DATE		METER READINGS		USAGE GALS X100
	PREVIOUS	PRESENT	PREVIOUS	PRESENT	
W72046103	04/12	05/12	6641	6736	95

Compare Your Usage		
200619-100619		
Period	Days	Water GALS X 100
Current	30	95
Last Month	31	92

BILLING SUMMARY	
Previous Balance	\$72.96
Penalty Applied	\$0.00
Fees and Adjustments	\$0.00
Payment - Thank You!	\$72.96
<b>BALANCE FORWARD</b>	<b>\$0.00</b>
WATER	\$26.55
SEWER-CENTRAL	29.23
SEWER-MCWWA	19.00
<b>Total Current Charges</b>	<b>\$74.78</b>

Go to [www.bcwaterms.org](http://www.bcwaterms.org) to pay your bill online.

<b>PAY THIS AMOUNT</b>	<b>\$74.78</b>
<b>DUE DATE</b>	<b>06/20/20</b>
<b>AFTER DUE DATE PAY</b>	<b>\$82.26</b>

PLEASE SEPARATE REMITTANCE STUB AT THIS PERFORATION AND RETURN WITH PAYMENT



C: 01  
R: 600

Customer Account Number:	200619 -100619
NET Amount Due:	\$74.78
Current Charges Due Date:	06/20/20
Late Charges If Paid After Due Date:	7.48
Amount Due AFTER:	\$82.26

**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) 898-1408

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

000111



BILLQ 111 T:  
NOLAN WILLIAMSON  
104 SAGEFIELD SQ  
CANTON MS 39046-7801



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



mailed invoice



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	215979-122342
Customer Name	CLAYTON RICHARDSON
Service Address	304 WEST ST PARK
Billing Date	05/12/2020
Amount Due	\$79.19

**Important Information:**  
 To View the 2019 CCR Report, Visit  
[www.bcwaterms.org/sites/default/files/2019ccr.pdf](http://www.bcwaterms.org/sites/default/files/2019ccr.pdf)  
 Copy available at office (601)856-5969

METER NUMBER	READ DATE		METER READINGS		USAGE GALS X100
	PREVIOUS	PRESENT	PREVIOUS	PRESENT	
W90633243	04/12	05/12	251	293	42

Compare Your Usage		
215979-122342		
Period	Days	Water GALS X 100
Current	30	42
Last Month	17	21

BILLING SUMMARY	
Previous Balance (Due Immediately)	\$32.16
Penalty Applied	\$3.22
Fees and Adjustments	\$0.00
Payment - Thank You!	\$0.00
<b>BALANCE FORWARD</b>	<b>\$35.38</b>
WATER	\$14.40
SEWER-CENTRAL	21.01
SEWER-MCWVA	8.40
<b>Total Current Charges</b>	<b>\$43.81</b>

Past due balances are subject to immediate disconnection

Go to [www.bcwaterms.org](http://www.bcwaterms.org) to pay your bill online.

<b>PAY THIS AMOUNT</b>	<b>\$79.19</b>
<b>DUE DATE</b>	<b>06/20/20</b>
<b>AFTER DUE DATE PAY</b>	<b>\$83.57</b>

PLEASE SEPARATE REMITTANCE STUB AT THIS PERFORATION AND RETURN WITH PAYMENT



C: 01  
R: 600

Customer Account Number:	215979 -122342
<b>NET Amount Due:</b>	<b>\$79.19</b>
Current Charges Due Date:	06/20/20
<b>Late Charges If Paid After Due Date:</b>	<b>4.38</b>
<b>Amount Due AFTER:</b>	<b>\$83.57</b>

**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) 757-9600

002851

\*\*\*\*\*SINGLE-PIECE 2851 T9:1 2851 1 SP 0.500  
 CLAYTON RICHARDSON  
 304 N WEST ST  
 CANTON MS 39046



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

