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2020 JUN -1 AM 8:51

2019 CERTIFICATION

Consumer Confidence Report (CCR)

Black Bayou

Public Water System Name

0760076

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: 6 /2020 / /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:

https://msrwa.org/2019ccr/BlackBayou.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

Carlene Wolford Secretary 5-28-20

Name/Title (*Board President, Mayor, Owner, Admin. Contact, etc.*) 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

Fax: (601) 576 - 7800
Not a preferred method due to poor clarity

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

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2019 Annual Drinking Water Quality Report
Black Bayou Water Association
PWS#: 0760076
May 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 providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Cockfield 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 Black Bayou Water Association have received a moderate ranking in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Earline Wolford 662.686.7150. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the meeting scheduled for the first Monday in January at 10:00 AM at the Black Bayou Water Office.

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 were detected during the period of January 1st to December 31st , 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 constituents. It's important to remember that the presence of these constituents 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.

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Microbiological Contaminants								
1. Total Coliform Bacteria	Y	June	Monitoring		NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
Inorganic Contaminants								
8. Arsenic	N	2019	1.2	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2019	.0297	.0052 - .0297	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019	5.7	3.8 – 5.7	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits

14. Copper	N	2015/17*	.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	.341	.27 - .341	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2015/17*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2019	4.5	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Volatile Organic Contaminants								
66. Ethylbenzene	N	2019	4.308	No Range	ppb	700	700	Discharge from petroleum refineries
76. Xylenes	N	2019	.033	.000578 - .033	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
Disinfection By-Products								
81. HAA5	N	2019	44	12 - 44	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2019	52	23.86 – 101.8	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	.9	.6 – 1	ppm	0	MRDL = 4	Water additive used to control microbes
Unregulated Contaminants								
Sodium	N	2019	230000	98000 - 230000	PPB	NONE	NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

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

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:

(81) Haloacetic Acids (HAA5). Some people who drink water containing bromate in excess of the MCL over many years may have an increased risk of cancer

(82) Total Trihalomethanes (TTHMs). Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During June 2019, we did not complete all monitoring or testing for Chlorine residuals and therefore cannot be sure of the quality of our drinking water during that time. We were required to take 5 samples and took 4. We have since taken the correct amount of samples.

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.

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 microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Black Bayou 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.

BLACK BAYOU WATER ASSOC. DSWW
P. O. BOX 916
LELAND, MS 38756

View and pay your bills online at www.ub-pay.com the municipal code is BBDSW

Pre-Sorted
First Class Mail
U.S. Postage Paid
LELAND, MS 38756
Permit #11

METER READ	04/06/2020 1340900	05/07/2020 1345400	USAGE 4500 gal	

Prior Balance	48.25
Payment(s)	-48.25
Water	42.75

DRAFT BILL

Total Due	42.75

DUE DATE 06/15/2020 AFTER DUE

A COPY OF THE CCR REPORT IS AVAILABLE ONLINE

http://www.msrwa.org/2019ccr/BlackBayou.pdf A COPY IS AVAILABLE AT THE WATER OFFICE. 686-7150.

RETURN THIS STUB WITH PAYMENT

DUE DATE	06/15/2020	AMT. DUE	42.75
ACCT. NO.	509935	AFTER DUE	47.03
BILL DATE	05/27/2020	SRV. TYPE	Residential
STREET ADDRESS	1184-4 WILCOX RD		
ACCT. NO.	509935	AMT. DUE	42.75

BILLY LONG
1184 WILCOX RD
LOT 4
GREENVILLE, MS 38703-9496