

2020 AUG -5 AM 7:25

# 2019 CERTIFICATION

## Consumer Confidence Report (CCR)

City of Wave land

Public Water System Name

0230002

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: 7/1/2020 7/20/2020 1/2020

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

Date Mailed/Distributed: 1/1

- CCR was distributed by Email *(Email MSDH a copy)* Date Emailed: 1/2020 *(Provide Direct URL)*
  - As a 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: 1/1

- CCR was posted in public places. *(Attach list of locations)*

Date Posted: 6/29/2020

- CCR was posted on a publicly accessible internet site at the following address:

waveland.ms.gov *(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

X Mike Smith  
Name/Title (Board President, Mayor, Owner, Admin. Contact, etc.)

X 8-3-20  
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!**

# 2019 Drinking Water Quality Report City of Waveland PWS 0230002

## **Is my water safe?**

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

## **Do I need to take special precautions?**

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

## **Where does my water come from?**

Our water source is from wells drawing from the Graham Ferry Formation Aquifer.

## **Source water assessment and its availability**

The source water assessment ranks our water supply as moderate for susceptibility to contamination. This report is available in the office.

## **Why are there contaminants in my drinking water?**

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

water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting 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 stormwater 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 stormwater 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, urban stormwater runoff, and septic systems; and 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. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

### **How can I get involved?**

If you have any questions concerning your drinking water, please contact Mickey Lagasse at 228-467-4134

### **Description of Water Treatment Process**

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

### **Monitoring and reporting of compliance data violations**

**VIOLATION: FAILURE TO SEND CONFIRMATION OF CONSUMER CONFIDENCE REPORT DISTRIBUTION TO THE MISSISSIPPI STATE HEALTH DEPARTMENT BY JULY 1ST 2019.**

**CORRECTION: EMAILED CONFIRMATION OF CONSUMER CONFIDENCE REPORT DISTRIBUTION TO THE MISSISSIPPI STATE HEALTH DEPARTMENT ON JULY 8TH 2019.**

## Results of voluntary monitoring

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To comply with the “Regulation Governing Fluoridation of Community Water Supplies”, MS0230002 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 4. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 46%.

### Additional Information for Lead

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. City of Waveland 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>.

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## Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations

that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
<b>Disinfectants &amp; Disinfection By-Products</b>								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4	1	.5	1.4	2019	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	9	NA	NA	2019	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	8.32	NA	NA	2019	No	By-product of drinking water disinfection
<b>Inorganic Contaminants</b>								
Barium (ppm)	2	2	.0157	NA	NA	2018	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	4.4	NA	NA	2018	No	Discharge from steel and pulp mills; Erosion of natural deposits
Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source	
<b>Inorganic Contaminants</b>								
Copper - action level at consumer taps (ppm)	1.3	1.3	.2	2016	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	2	2016	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	

## Additional Contaminants

In an effort to insure the safest water possible the State has required us to monitor some contaminants not required by Federal regulations. Of those contaminants only the ones listed below were found in your water.

Contaminants	State MCL	Your Water	Violation	Explanation and Comment
SODIUM	250000 PPB	160000 PPB	No	LIKELY SOURCE OF CONTAMINATION: erosion of natural deposits

Unit Descriptions	
Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	Definition
MCLG	MCLG: Maximum Contaminant Level Goal: 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.
MCL	MCL: Maximum Contaminant Level: 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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

**For more information please contact:**

Contact Name: Mickey Lagasse  
Address: 301 Coleman Ave.  
Waveland, MS 39576  
Phone: 228-467-4134

# The Sea Coast Echo

POST OFFICE BOX 2009  
BAY SAINT LOUIS, MS 39521-2009

## PROOF OF PUBLICATION

STATE OF MISSISSIPPI  
HANCOCK COUNTY

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PERSONALLY appeared before me the undersigned authority in and for said County and State, MICHAEL SCHUVER, vice president of THE SEA COAST ECHO, a newspaper published in the City of Bay Saint Louis, said County, who being duly sworn, deposes and says the publication of this notice hereunto annexed has been made in the said publication 1 weeks to-wit:

On the 1 day of July 2020

On the \_\_\_\_\_ day of \_\_\_\_\_ 2020

On the \_\_\_\_\_ day of \_\_\_\_\_ 2020

On the \_\_\_\_\_ day of \_\_\_\_\_ 2020



Vice President

Sworn to and subscribed before me A NOTARY PUBLIC



This 3 day of August 2020









FORMSINK, LLC - FOR REORDER CALL 1-800-223-4460 - L-07162

ACCOUNT NO.	SERVICE FROM	SERVICE TO
135200000	06/16	07/15

SERVICE ADDRESS  
11001 NORTH SHORE DR

CURRENT	METER READINGS		USED
	PREVIOUS		
229	223		6 W

CHARGE FOR SERVICES	
WTR	33.50
NET DUE >>>	33.50
SAVE THIS >>	
GROSS DUE >>	33.50

RETURN THIS STUB WITH PAYMENT TO:

**CITY OF WAVELAND**  
**WATER & GAS DEPT.**  
P.O. BOX 509 - WAVELAND, MS 39576-0509

PRESORTED  
FIRST-CLASS MAIL  
U.S. POSTAGE  
PAID  
PERMIT NO. 26  
BAY ST. LOUIS, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	08/03/2020	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
33.50	.00	33.50

Annual Water Report is located  
@ [www.cityofwaveland.com](http://www.cityofwaveland.com)

RETURN SERVICE REQUESTED

135200000  
RICHARD FORD  
250 WINDSOR PL  
BROOKLYN NY 11215-5918



FORMSINK, LLC - FOR REORDER CALL 1-800-223-4460 - L-07162

ACCOUNT NO.	SERVICE FROM	SERVICE TO
135220000	06/16	07/15

SERVICE ADDRESS  
10045 ARTHUR ST

CURRENT	METER READINGS		USED
	PREVIOUS		
189	186		3 W

CHARGE FOR SERVICES	
WTR	26.75
NET DUE >>>	26.75
SAVE THIS >>	
GROSS DUE >>	26.75

RETURN THIS STUB WITH PAYMENT TO:

**CITY OF WAVELAND**  
**WATER & GAS DEPT.**  
P.O. BOX 509 - WAVELAND, MS 39576-0509

PRESORTED  
FIRST-CLASS MAIL  
U.S. POSTAGE  
PAID  
PERMIT NO. 26  
BAY ST. LOUIS, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	08/03/2020	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
26.75	.00	26.75

Annual Water Report is located  
@ [www.cityofwaveland.com](http://www.cityofwaveland.com)

RETURN SERVICE REQUESTED

135220000  
LOUIS REMONT  
100 TIGER TAIL RD  
HOUMA LA 70360-6021



FORMSINK, LLC - FOR REORDER CALL 1-800-223-4460 - L-07162

ACCOUNT NO.	SERVICE FROM	SERVICE TO
135250000	06/16	07/15

SERVICE ADDRESS  
10049 CLEVELAND ST

CURRENT	METER READINGS		USED
	PREVIOUS		
538	533		5 W

CHARGE FOR SERVICES	
WTR	31.25
NET DUE >>>	31.25
SAVE THIS >>	
GROSS DUE >>	31.25

RETURN THIS STUB WITH PAYMENT TO:

**CITY OF WAVELAND**  
**WATER & GAS DEPT.**  
P.O. BOX 509 - WAVELAND, MS 39576-0509

PRESORTED  
FIRST-CLASS MAIL  
U.S. POSTAGE  
PAID  
PERMIT NO. 26  
BAY ST. LOUIS, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	08/03/2020	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
31.25	.00	31.25

Annual Water Report is located  
@ [www.cityofwaveland.com](http://www.cityofwaveland.com)

RETURN SERVICE REQUESTED

SYLVIA B. CURE  
10049 CLEVELAND ST  
BAY ST LOUIS MS 39520-9105





06/29/2020

To Whom This May Concern:

List of Public Locations for the CCR Report:

Front Lobby of Waveland City Hall

Back Lobby of Waveland City Hall

Respectfully Submitted,

Julie Bromwell  
City of Waveland  
228-467-9248 Office  
228-467-9845 Fax