

2021 CERTIFICATION

Consumer Confidence Report (CCR)

0230002

PRINT Public Water System Name

City of Waveland

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

CCR DISTRIBUTION <i>(Check all boxes that apply)</i>	
INDIRECT DELIVERY METHODS <i>(Attach copy of publication, water bill or other)</i>	DATE ISSUED
<input type="checkbox"/> Advertisement in local paper <i>(Attach copy of advertisement)</i>	
<input checked="" type="checkbox"/> On water bill <i>(Attach copy of bill)</i>	6/17/2022
<input type="checkbox"/> Email message <i>(Email the message to the address below)</i>	
<input type="checkbox"/> Other (Describe: _____)	
DIRECT DELIVERY METHOD <i>(Attach copy of publication, water bill or other)</i>	DATE ISSUED
<input type="checkbox"/> Distributed via U.S. Postal Service	
<input type="checkbox"/> Distributed via E-mail as a URL <i>(Provide direct URL):</i> _____	
<input type="checkbox"/> Distributed via Email as an attachment	
<input type="checkbox"/> Distributed via Email as text within the body of email message	
<input checked="" type="checkbox"/> Published in local newspaper <i>(attach copy of published CCR or proof of publication)</i>	6/22/2022
<input checked="" type="checkbox"/> Posted in public places <i>(attach list of locations or list here)</i> <u>Posted in City Hall</u>	6/17/2022
<input checked="" type="checkbox"/> Posted online at the following address <i>(Provide direct URL):</i> https://www.waveland.ms.gov/sites/default/files/fileattachments/utilities/page/2242/water_quality_report_2021.pdf	6/17/2022

CERTIFICATION

I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its customers in accordance with the appropriate distribution method(s) based on population served. Furthermore, I certify that the information contained in the report is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR requirements of the Code of Federal Regulations (CFR) Title 40, Part 141.151 – 155.

Julie Bromwell
Name

Utilities Manager
Title

06/27/2022
Date

SUBMISSION OPTIONS *(Select one method ONLY)*

You must email or mail a copy of the CCR, Certification, and associated proof of delivery method(s) to the MSDH, Bureau of Public Water Supply.

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

Email: water.reports@msdh.ms.gov

2021 Drinking Water Quality Report City of Waveland PWS 0230002

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MSDH-WATER SUPPLY
2022 JUN 15 AM 7:59

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 David Brown - 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.

Results of voluntary monitoring

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", CITY OF WVELAND 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 parts per million (ppm) was 11. The percentage of fluoride samples collected in the previous

calendar year that was within the optimal range of 0.6 - 1.2 ppm was 90%.

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>.

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			
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Detect In Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Chlorine (as Cl ₂) (ppm)	4	4	1	.6	1.8	2021	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	20.2	NA	NA	2021	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	23.6	NA	NA	2021	No	By-product of drinking water disinfection
Inorganic Contaminants								
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
Sodium (optional) (ppm)	NA	250	130	68.3	130	2021	No	Erosion of natural deposits; Leaching
Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source	
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	.1	2021	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	4	2021	0	No	Corrosion of household plumbing systems; 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

Important Drinking Water Definitions	
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: David Brown
Address: 301 Coleman Ave.
Waveland, MS 39576
Phone: 228-467-4134

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

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010000001	05/16	06/15
SERVICE ADDRESS		
5000 S BEACH BLVD		
METER READINGS		
CURRENT	PREVIOUS	USED
9738	9649	89 G
CHARGE FOR SERVICES		
GAS	112.50	
TAX	7.88	
NET DUE >>>	120.38	
SAVE THIS >>		
GROSS DUE >>	120.38	

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. 28
 BAY ST. LOUIS, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
120.38	07/01/2022	120.38
NET AMOUNT	SAVE THIS	GROSS AMOUNT
120.38	.00	120.38

2021 DRINKING WATER REPORT
 AVAILABLE @ WAVELAND.MS.GOV

RETURN SERVICE REQUESTED
 010000001
 SILVER SLIPPER
 C/O JOHN FERRUCCI
 5000 S BEACH BLVD
 BAY ST LOUIS MS 39520-9775

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

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010010000	05/16	06/15
SERVICE ADDRESS		
1150 S BEACH BLVD		
METER READINGS		
CURRENT	PREVIOUS	USED
37885	37230	655 W
CHARGE FOR SERVICES		
WTR	2229.45	
SEW	2692.20	
CREDIT BAL	3228.11-	
NET DUE >>>	1693.54	
SAVE THIS >>		
GROSS DUE >>	1693.54	

RETURN THIS STUB WITH PAYMENT TO:
CITY OF WAVELAND
WATER & GAS DEPT.
 P.O. BOX 509 - WAVELAND, MS 39576-0509

PRESORTED
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 U.S. POSTAGE
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 PERMIT NO. 26
 BAY ST. LOUIS, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
1,693.54	07/01/2022	1,693.54
NET AMOUNT	SAVE THIS	GROSS AMOUNT
1,693.54	.00	1,693.54

2021 DRINKING WATER REPORT
 AVAILABLE @ WAVELAND.MS.GOV

RETURN SERVICE REQUESTED
 010010000
 MS WILDLIFE FISHERIES & PARKS
 ATTN:ACCOUNTS PAYABLE
 1505 EASTOVER DR
 JACKSON MS 39211-6322

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

ACCOUNT NO.	SERVICE FROM	SERVICE TO
010010001	05/16	06/15
SERVICE ADDRESS		
1150 S BEACH BLVD		
METER READINGS		
CURRENT	PREVIOUS	USED
6939	6753	186 W
CHARGE FOR SERVICES		
WTR	705.20	
SEW	863.10	
PAST DUE	75.50	
NET DUE >>>	1643.80	
SAVE THIS >>		
GROSS DUE >>	1643.80	

RETURN THIS STUB WITH PAYMENT TO:
CITY OF WAVELAND
WATER & GAS DEPT.
 P.O. BOX 509 - WAVELAND, MS 39576-0509

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 U.S. POSTAGE
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 PERMIT NO. 26
 BAY ST. LOUIS, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
1,643.80	07/01/2022	1,643.80
NET AMOUNT	SAVE THIS	GROSS AMOUNT
1,643.80	.00	1,643.80

2021 DRINKING WATER REPORT
 AVAILABLE @ WAVELAND.MS.GOV

RETURN SERVICE REQUESTED
 010010001
 MS WILDLIFE FISHERIES & PARKS
 ATTN: ACCOUNTS PAYABLE
 1505 EASTOVER DR
 JACKSON MS 39211-6322