

# Consumer Confidence Report Certification Forma: 55

(updated with electronic delivery methods) (suggested format) The community water system named above hereby confirms that its consumer confidence report has been distributed to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the state/primacy agency. Certified by: Phone #: 100 Please check all items that apply. CCR was distributed by mail. CCR was distributed by other direct delivery method. Specify direct delivery methods: \_\_\_ Mail - notification that CCR is available on website via a direct URL Email - direct URL to CCR Email - CCR sent as an attachment to the email Email - CCR sent embedded in the email V Other: 19M Water If the CCR was provided by a direct URL, please provide the direct URL Internet address: www. If the CCR was provided electronically, please describe how a customer requests paper CCR delivery:

_"Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods as recommended by the state/primacy agency:
posting the CCR on the Internet at www
mailing the CCR to postal patrons within the service area (attach a list of zip codes used)
advertising availability of the CCR in news media (attach copy of announcement)
publication of CCR in local newspaper (attach copy)
posting the CCR in public places (attach a list of locations)
delivery of multiple copies to single bill addresses serving several persons such as: apartments, businesses, and large private employers
delivery to community organizations (attach a list)
electronic city newsletter or electronic community newsletter or listserv (attach a copy of the article or notice)
electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized)
 _ (for systems serving at least 100,000 persons) Posted CCR on a publicly-accessible Internet site at the address: www.
Delivered CCR to other agencies as required by the state/primacy agency (attach a list)

# 2022 Annual Drinking Water Quality Report East Charleston W/A PWS ID# 0680004 July 2023

RECEIVED
MSDH-WATER SUPPLY
2023 JUL 11 PM 2: 10

We are pleased to present to you this year's Annual Drinking Water Quality Report. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. 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 and to providing you with this information, because informed customers are our best allies. Our water is purchased from the City of Charleston. The City of Charleston's water source is groundwater. Their wells draw from the Meridian Upper Wilcox aquifer and the Middle Wilcox Aquifers.

### **Contact and Meeting Information**

If you have any questions about this repor 5573. We want our valued customers to be attend our annual meeting for East Charles the State Farm Office.

Mr Burnett
will get Oty to serve copy of ch we septib
WB Copy of the viol.
Med to get Cert ontami er contine notes
662417-8190
els over es, radio activity some c

#### **Terms and Abbreviations**

In this table you will find many terms and alunderstand these terms we've provided the

Action Level (AL) – the concentration of conf which a water system must follow.

<u>Maximum Contaminant Level</u> – The "Nin drinking water. MCLs are set as close

Maximum Contaminant Level Goal - T there is no known or expected risk to

Maximum Residual Disinfectant Level I is convincing evidence that addition of

Ms Powell 68/04
662-647
5573 [Por
Ophr Burneth ]

Missy of Ball
Missy of

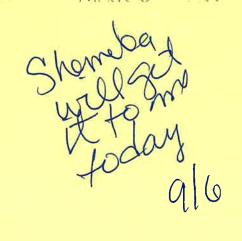
nett at (662)647more, please r at 6:00 P.M. at

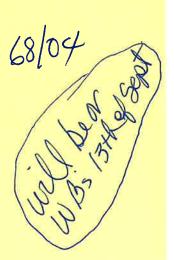
e overall general ort containing or public water o higher

ate laws. The for the nuary 1 through es naturally om the onably expected essarily indicate

better

requirements





# 2022 Annual Drinking Water Quality Report East Charleston W/A PWS ID# 0680004 July 2023

<u>Maximum Residual Disinfectant Level Goal (MRDLG)</u> – Thel 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.

<u>Parts per million (ppm) or Milligrams per liter (mg/L)</u> – one part by weight of analyte to 1 million parts by weight of the water sample.

<u>Parts per billion (ppb) or Micrograms per liter</u> – one part by weight of analyte to 1 billion parts by weight of the water sample.

Inorganic Contaminants	Inor	ganic	Conta	minants
------------------------	------	-------	-------	---------

Contaminant (units)	Sample Date	MCL Violation Y/N	Your Water	Range of detects or # of samples exceeding MCL/ACL	MCLG	MCL	Likely Source of Contamination
10. Barium (ppm)	2022	N	0.0266	0.0259 – 0.0266	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper (ppm)	2018/20*	N	0.2	0	1.3	AL=1.3	Corrosion of household plumbing systems, erosion of natural deposits
16. Fluoride (ppm)	2022	N	0.104	0.103 — 0.104	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead (ppb)	2018/20*	N	1	0	0	AL = 15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfectants and Disin	fection Byp	roducts Cor	taminant	s			To the deposits
81. HAA5 (ppb)	2022	N	13.6	No Range	0	60	By-product of drinking water disinfection
82. TTHM (ppb)	2022	N	13	No Range	0	80	By-product of drinking water disinfection
Chlorine (ppm)	2022	N	0.7	0.57 - 0.77	0	MRDL =	Water additive used to control microbes
Inregulated Contaminant	S						
Sodium (ppb)	2019*	N	100	97-100	20	None	Road Salt, Water treatment Chemicals, Water Softeners and Sewage Effluents

<sup>\*</sup>Most recent sample. No sample required for 2022.

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 monthly. Results of regular monitoring are an indicator of whether our drinking water meets health standards. To ensure systems complete all monitoring requirements, MSDH now notifies systems of any samples prior to the end of monitoring period.

#### **Violations**

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether our drinking water meets health standards. During 04/01/2022 through

## 2022 Annual Drinking Water Quality Report East Charleston W/A PWS ID# 0680004 July 2023

04/30/2022, we did not monitor or test for E. Coli, and therefore cannot be sure of the quality of your drinking water during that time.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether our drinking water meets health standards. During 04/01/2022 through 06/30/2022, we did not monitor or test for chlorine, and therefore cannot be sure of the quality of your drinking water during that time.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether our drinking water meets health standards. We received a violation for not providing public notice on 06/10/2022.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During 01/01/2022 though 03/07/2022 we received a violation for record keeping without rule code that has since been completed.

#### Lead Information

If present, elevated levels of lead can cause serious health problems, especially for pregnant woman and your children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Charleston 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 leak 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 leak in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>. The Mississippi State Department of Health Public Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

#### **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.

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 posed 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 (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 (800-426-4791).

The East Charleston W/A is working hard to provide top quality water at 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.

	> 2.4 > 27.3	WTR 24.90 NET DUE >>> 24.90		CHARGE FOR SERVICES	3174 3164 10	ACCOUNT NO.   SERVICE FROM   SERVICE TO   050001600   08/15   09/15   SERVICE ADDRESS   29436 HWY 32 E   METER READINGS   USED   CURRENT   PREVIOUS   USED
29436 HWY 32 CHARLESTON, MS	050001600 BRADY TAYLOR	RETUR	CCR REPORT W	24.90	PAY NET AMOUNT ON OR BEFORE DUE DATE NET AMOUNT	RETURN THIS STUB WITH PAYMENT TO:  EAST CHARLESTON WATER ASSN.  RO. BOX 306  CHARLESTON, MS 38921
MS 38921		RETURN SERVICE REQUESTED	REPORT WILL BE AVAILABLE CITY HALL UPON REQUEST	2.49	DUE DATE 10/08/2023 SAVE THIS	WITH PAYMENT TO: TON WATER ASSN. BOX 306 TON, MS 38921
•		TED	BLE	27.39	PAY GROSS AMOUNT AFTER DUE DATE GROSS AMOUNT	PRESORTED FIRST-CLASS MAIL U.S. POSTAGE PAID PERMIT NO. 306 CHARLESTON, MS

PLEASE MAKE CHECKS PAYABLE TO:

EAST CHARLESTON WATER DEPT.
P.O. BOX 306
CHARLESTON, MS 38921

THERE IS A 10% PENALTY ADDED TO CHARGES NOT RECEIVED IN OUR OFFICE BY THE DUE DATE.

BUSINESS HOURS:

8-12 1-5

BUSINESS PHONE: 662-647-8612

FOR EMERGENCY SERVICE: NIGHTS, WEEKENDS, AND HOLIDAYS CALL 662-647-5841 OR 662-647-8612