MISSISSIPPI STATE DEPARTMENT OF HEALTH

2020 CERTIFICATION

Consumer Confidence Report (CCR)

Morgantown Water Association

Public Water System Name

0460011

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.

CCR DISTRIBUTION *(Check all boxes that apply.)*

INDIRECT DELIVERY METHODS *(Attach copy of publication, water bill or other)*	DATE ISSUED
☐ Advertisement in local paper *(Attach copy of advertisement)*	
☐ On water bills	
☐ Email message *(Email the message to the address below)*	
☒ Other Attach a notice to Bill of location CCR will be posted. (bulletin board)	7/30/2021
DIRECT DELIVERY METHOD *(Attach copy of publication, water bill or other)*	**DATE ISSUED**
☐ Distributed via U. S. Postal Mail	
☐ Distributed via E-Mail as a URL *(Provide Direct URL):*	
☐ Distributed via E-Mail as an attachment	
☐ Distributed via E-Mail as text within the body of email message	
☐ Published in local newspaper (attach copy of published CCR or proof of publication)	
☒ Posted in public places (attach list of locations) (Bulletin Board outside of water office)	7/30/2021
☐ Posted online at the following address *(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 MSDH, Bureau of Public Water Supply.

James B. Williams	Water Operator	7/21/2021
Name	Title	Date

SUBMISSION OPTIONS (*Select one method ONLY*)

You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH.

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 PREFERRED)

CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021

Annual Drinking Water Quality Report
Morgantown Water Association
PWS#: 0460011
July 1, 2021

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is from one well pumping from Moicene Series Aquifer.

Our source water assessment is currently being conducted and is not available at this time. As soon as it is completed, you will be notified and copies of this assessment will be available at our office for you to view at 9 Circle Dr. Morgantown, MS.

If you have any questions about this report or concerning your water utility, please contact **Bo** Williams at 601-441-9662. 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. This meeting was held on March 6, 2021 at 2:00PM in the Morgantown Fire Station.

The Morgantown Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2020. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. 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 pose a health risk.

The results of our monitoring for the period of January 1, 2020 to December 31, 2020 will be available for customers at 9 Circle Dr. Morgantown, MS.

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.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - 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 - 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.

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 at 800-426-4791.

We at the Morgantown Water Association work hard to provide each tap with quality water. We ask that all our customers help us protect our water sources, which are the heart of our community, or way of life and our children's future.

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. The Morgantown Water Association 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 for $10 per sample. Please contact (601)-576-7582 if you wish to have your water tested.

Monitoring and reporting of compliance data violations

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. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system has not failed to complete these monitoring requirements in 2018. We did complete the monitoring requirements for bacteriological sampling that shower on coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

**********A Message from MSDH Concerning Radiological Sampling ********

In accordance with Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013.

Although this was not result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has completed the monitoring requirements and is

now in compliance with the Radionuclides Rule. If you have any questions, please contact Karen Walters, Deputy Director, Bureau of Public Water Supply, at (601)-576-7518.

Water Quality Data Table

Type of test	MCLG	AL	Your Water	Sample Date	# sample exceeding AL	Exceed AL	Typical Sources
Lead & copper	Lead 0.0008ppm Copper 0.0074ppm	0.015ppm 1.3ppm	.004 .1	August 27, 2020	0	0	Corrosion of household plumbing systems; Erosion of natural deposits
Inorganic Contaminates							
Barium	N		No Range	ppm			Discharge of drilling waters; discharge from metal refineries; erosion of natural deposits
Chromium	N		No Range	ppb			Discharge from steel and pulp mills; erosion of natural deposits
Fluoride	N		No range	ppm			Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

Nitrate-Nitrite	Date	result	No range	ppm
MCL				

1040 NITRATE	N	04-09-2020	0.1	No Range	ppm	10	MS	QC10107041C
1041 NITRITE	N	04-09-2020	0.02	No Range	ppm	1	MS	QC10107041C
1038 NITRATE-NITRITE	N	04-09-2020	0.11	No range	ppm	10	MS	QC10107041C

Radiochemical Activity in Water (pCi/L)
Sampling Date: March 20, 2012

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Radium 226 Activity Method 903.1 (pCi/L)	Radium 228 Activity Method 904 (pCi/L)	Total Radium (pCi/L)
201301120180				
Date of analysis				

TTHM/HAA5 Report

Monitoring	MGL	MCLG	Sample Point	Range	Sample Year	Violation	Typical Source
TTHM SM1 (ppb)		N/A	MRT000	0.00-0.00		NONE	By product of drinking water disinfection
HAA5 SM1 (ppb)		N/A	MRT000	0.06-0.06		NONE	By product of drinking water disinfection

LEAD/ COPPER 90TH PERCENTILE

	Lead 90th	# Samples	Copper90th	#Samples
01/01/2018- 12/31/2020	0.004mg/L	5	0.1mg/L	5
Action Level	0.015mg/L		1.3mg/L	

Radiochemical Activity in Water (pCi/L)

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/)	Radium 226 Activity Method 903.1 (pCi/L)	Radium 228 Activity Method 904 (pCi/)	Total Radium (pCi/L)
201301120180				
Date of Analysis				

ID	Analyte Name	Method	Result	MCL	Analyst	Analysis
4006	Combine Uranium	200.8	< 0.5	30 ppb	Sally Bishop	2017-10-03 19:37
1024	Cyanide	QC10204001X		0.2ppm		

FIRST QUARTER LAB RESULTS

ID	Analyte Name	Method	Result	MCL	Analyst	Analysis
1074	Antimony Total	200.8	<0.0005 ppm	0.006 ppm	Donald Parker	2016-03-24 14:59
1005	Arsenic	200.8	<0.0005 ppm	.010 ppm	Donald Parker	2016-03-24 14:59
1010	Barium	200.8	0.007 ppm	2 ppm	Donald Parked	2016-03-24 14:59

1075	Beryllium Total	200.8	<0.0005 ppm	0.004 ppm	Donald Parker	2016-03-24 14:59
1015	Cadmium	200.8	<0.0005 ppm	0.005 ppm	Donald Parker	2016-03-24 14:59
1020	Chromium	200.8	0.0011 ppm	0.002 ppm	Donald Parker	2016-03-24 14:59
1025	Fluoride	300.0	0.178 ppm	4 PPM	KS	2016-03-02 13:41

1035	Mercury	200.8	<0.0005 ppm	0.002 ppm	Donald Parker	2016-03-24 14:59
1045	Selenium	200.8	<0.0025 ppm	0.05 ppm	Donald Parker	2016-03-24 14:59
1085	Thallium Total	200.8	< 0.0005 ppm	0.002 ppm	Donald Parker	2016-03-24 14:59