

2019 CERTIFICATION 2020 JUN 12 AM 10:38

Consumer Confidence Report (CCR)

Clarkdale Water Association

Public Water System Name

0380001

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: 5/21/2020 / /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: The Meridian Star

Date Published: 5/21/20

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: (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

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!

2019 Annual Drinking Water Quality Report

Clarkdale Water Association, Inc.

PWS#: 0380001

May 2020

RECEIVED WATER SUPPLY
2020 JUN 12 AM 10:38

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 ensuring the quality of your water.

If you have any questions about this report or concerning your water utility, please contact Buddy Gibson at 601.693.4686. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at the annual meeting that is held on Tuesday, September 15, 2020 at 7:00 PM at 5160 HWY 145, Meridian, MS 39301.

Our water source is from wells drawing from the Lower Wilcox Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified 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 Clarkdale Water Association received lower to moderate susceptibility rankings to contamination.

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 we 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 contaminants. It's important to remember that the presence of these contaminants 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.

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

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.

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2019	.0337	.0066 - .0337	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

14. Copper	N	2016/18*	.6	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2016/18*	3	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Volatile Organic Contaminants								
76. Xylenes	N	2019	.0027	No Range	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
Disinfection By-Products								
81. HAA5	N	2018*	14	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2015*	9.76	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	1.1	0 – 1.5	mg/l	0	MDRL = 4	Water additive used to control microbes
Unregulated Contaminants								
Sodium	N	2019	65000	47000 - 65000	PPB	NONE	NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

* Most recent sample. No sample required for 2019.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. 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.

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. Clarkdale 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. 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 Clarkdale Water Association, Inc. 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.

A copy of this CCR will not be mailed to each customer; however, copies are available at our office.

2019 Annual Drinking Water Quality Report
Clarkdale Water Association, Inc.

PWS#: 0380001
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 of your drinking water and services we deliver to you every day. Our constant goal is to provide you with 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.

If you have any questions about this report or concerning your water utility, please contact Budji Clason at 601.683.4885. We want our valued customers to be informed about their water utility. Please call us at the annual meeting that is held on Tuesday, September 15, 2020 at 7:00 PM at 5160 FWPV Rd, Meridian, MS 39301.

Your water source is from wells drawing from the Lower Nippon Aquifer. The source water assessment has been completed for our public water system. The water source is from wells drawing from the Lower Nippon Aquifer. The source water assessment has been completed for our public water system. The water source is from wells drawing from the Lower Nippon Aquifer. The source water assessment has been completed for our public water system.

We regularly monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detect during the period of January 1st to December 31st, 2019 in our public water system. The table lists the Maximum Contaminant Level (MCL) and the Maximum Contaminant Level Goal (MCLG) for each contaminant. The MCL is the highest level of a contaminant that is allowed in drinking water. The 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.

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 (MCL)** - The Maximum Allowable (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG as feasible using the best available treatment technology.

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TEST RESULTS

Contaminant	Location	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL	Unit Measure	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2019	0.337	0.066 - 0.337	ppm	2	2	Discharge of drilling water from industrial activities, erosion of natural deposits
14. Copper	N	2019/18*	0	0	ppm	1.3	1.3	AU-1 3: Corrosion of household plumbing systems, erosion of natural deposits, leaching from old pipes
17. Lead	N	2019/18*	0	0	ppb	0	0	Corrosion of household plumbing systems, erosion of natural deposits
Volatiles Organic Contaminants								
76. Xylenes	N	2019	0.027	No Range	ppm	1.0	1.0	Discharge from petroleum products, gas, and industrial activities
Disinfection By-Products								
9. THMs (Total Trihalomethanes)	N	2018*	1.4	No Range	ppb	0	60	By-product of drinking water disinfection
82. THM (Total Trihalomethanes)	N	2018*	9.76	No Range	ppb	0	60	By-product of drinking water disinfection
Chlorine	N	2019	1.1	0-1.5	ppm	0	MORL=4	Water additive used to control microbes
Unregulated Contaminants								
Sodium	N	2019	60000	47000-160000	PPM	NONE	NONE	Food, Soil, Water Treatment Chemicals, Water Softeners, and Sewage Effluents

* Most recent sample. No sample required for 2019. We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indication of whether or not your drinking water meets standards in an effort to ensure systems comply with monitoring requirements. MSBAP now utilizes systems of any facility, suitable prior to the end of the compliance period.

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. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some of these substances. The presence of these substances 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. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have recently received organ transplants, persons who are on dialysis, persons with compromised immune systems, infants and the elderly, and persons who are taking medication should take special precautions when drinking water. For more information on these vulnerable groups, contact your health care provider.