

2017 JUN -5 AM 9: 09

CERTIFICATION

Consumer Confidence Report (CCR)

Erata Water Assn.

Public Water Supply Name

0340004

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 to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, 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 mail, fax or email a copy of the CCR and Certification to 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 (MUST Email the message to the address below)

Other _____

Date(s) customers were informed: ____ / ____ / ____ , ____ / ____ / ____ , ____ / ____ / ____

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 (MUST Email MSDH a copy) Date Emailed: ____ / ____ / ____

As a URL (Provide 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: Laurel Leader-Call

Date Published: 5/30/17

CCR was posted in public places. *(Attach list of locations)* Date Posted: ____ / ____ / ____

CCR was posted on a publicly accessible internet site at the following address (**DIRECT URL REQUIRED**):

CERTIFICATION

I hereby certify that the **Consumer Confidence Report (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 public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply

Bay S. Seal - President
Name/Title (President, Mayor, Owner, etc.)

5-30-17
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

Fax: (601) 576 - 7800

Email: water.reports@msdh.ms.gov

CCR Deadline to MSDH & Customers by July 1, 2017!

We're pleased to present to you this year's Annual Quality Water Report. The report is designed to inform you about the quality of water and service we deliver to you every day. Our goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the extent of our monitoring efforts, the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies.

If you have any questions about this report or concerning your water utility, please contact Joanne Gully at 801.349.0300. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the second Monday of the month at 5:00 PM at the office.

Our water source is from wells drawing from the Cedarvale Formation Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of the drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determination was made has been furnished to our public water system and is available for viewing upon request. The website for the Eden Water Association has received a modified rating in terms of susceptibility 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 monitor. The period for January 1st to December 31st, 2016. In cases where monitoring results are not available, we have indicated the most likely source. Additional monitoring of equipment with MTRV, the presence of water 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 home appliances, radon, which is a radioactive gas that can be naturally occurring or be the result of oil and gas production and mining activities. In other public water systems, all drinking water, EPA prescribes regulations that limit the amount of certain chemicals in water provided to consumers. It is 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.

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 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 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.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000,000.

Parts per million (ppm) or Milligrams per liter - one part per million corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detector or Sampling Error	Unit	MCLG	MCL	Identify Source of Contamination
Inorganic Contaminants								
10. Boron	N	2016	2087	No Range	ppm	2	2	Discharge of drilling water, discharge from metal industries, erosion of natural deposits, leaching from wood preservative
14. Copper	N	2012/4	5	0	ppm	1.3	1.3	Discharge of drilling water, erosion of natural deposits, leaching from wood preservative
16. Fluoride	N	2016	106	No Range	ppm	4	4	Erosion of natural deposits, water discharge from metal industries, erosion of natural deposits, leaching from wood preservative
17. Lead	N	2012/4	5	0	ppm	0	1.5	Erosion of natural deposits, water discharge from metal industries, erosion of natural deposits, leaching from wood preservative
Disinfection By-Products								
81. THMs	N	2015	3	No Range	ppb	0	80	By-product of drinking water disinfection
Chlorine	N	2016	1.6	-1.28	mg/l	0	4.0	By-product of drinking water disinfection

* Lead report sample. No sample required for 2016.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water is SAFE at these levels.

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 requirements. It is important to ensure systems operate all monitoring requirements. MCHSR now makes systems of any existing 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. Our water system 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 1 minute before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to purchase a device to remove lead from the tap. Additional information on lead in drinking water, testing methods, testing procedures, and other information is available from the State Department of Health. The Department of Health Public Health Laboratory, 1000 East 1000 South, Salt Lake City, Utah 84143. If you wish to have your water tested, please contact 801.576.7522.

Inorganic Contaminants

10. Barium	N	2015*	.2097	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2012/14*	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2015*	.106	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2012/14*	5	0	ppb	0	AL=1.5	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products

81. HAA5	N	2015*	3	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2016	1.6	1 – 2.8	mg/l	0	MRDL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2016.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

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. Our water system 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 Erata Water Association 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.