

2017 MAY 30 PM 10: 14

CERTIFICATION

Consumer Confidence Report (CCR)

Town of Dekalb
Public Water Supply Name

0350001
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: 4/27/2017 / / , / /

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: Kemper Messenger

Date Published: 4/27/2017

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

Brenda L. Nelson Town Clerk
Name/Title (President, Mayor, Owner, etc.)

5/26/17
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!

Annual Drinking Water Quality Report

Town of DeKalb

PWS ID # 0350001

April 2017

We're pleased to present to you this year's Annual Water Quality 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. Our water source consists of 2 wells that draw from the Wilcox Aquifer.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination. The water supply for the Town of DeKalb received a lower susceptibility ranking to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Ben Williams at 601-743-2870. 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. They are held on the 1st Tuesday of each month at the DeKalb Police Station Board Room at 6:00 pm.

The Town of DeKalb 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, 2016. 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.

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.

TEST RESULTS

Contaminant	Value	Unit	Law	Level	Range of Protection	Unit	MCLG	MCL	Daily/Season of Contamination
Lead		ppm	SDWA	0.01	0.01-0.05	ppm	0.01	0.01	
Copper		ppm	SDWA	1.3	0.8-1.3	ppm	1.3	1.3	
Chlorine		ppm	SDWA	4.0	0.5-4.0	ppm	4.0	4.0	
Chlorine Dioxide		ppm	SDWA	0.7	0.1-0.7	ppm	0.7	0.7	
Fluoride		ppm	SDWA	4.0	0.7-4.0	ppm	4.0	4.0	
Iron		ppm	SDWA	0.3	0.1-0.3	ppm	0.3	0.3	
Manganese		ppm	SDWA	0.05	0.01-0.05	ppm	0.05	0.05	
Nitrate		ppm	SDWA	10	1-10	ppm	10	10	
Nitrite		ppm	SDWA	1	0.1-1	ppm	1	1	
Total Dissolved Solids		ppm	SDWA	500	150-500	ppm	500	500	
Total Hardness		ppm	SDWA	700	150-700	ppm	700	700	
Total Suspended Solids		ppm	SDWA	5	0.5-5	ppm	5	5	
Turbidity		NTU	SDWA	1	0.1-1	NTU	1	1	
Uranium		ppm	SDWA	0.02	0.01-0.02	ppm	0.02	0.02	
Volatiles		ppm	SDWA	300	100-300	ppm	300	300	
Water Temperature		°F	SDWA	50-60	50-60	°F	50-60	50-60	

16. Provider	N	2015*	0.972	No Range	ppm	4	4	Estimate of current drinking water lead concentration based on previous test results
17. Lead	N	1/1/15 to 1/2/15/16	2	None	ppb	0	AL=15	Correction of household plumbing system, installation of point-of-use filter
Distribution & Distribution By-Products:								
Customer (per C2)	N	1/1/15 to 1/2/15/16	690	0.65 to 1.00	ppm	4	4	Water additive used to control turbidity
21. Turbidity (Total Turbidity)	N	2015*	9.2	No Range	ppb	0	20	By-product of filtering water add-on/clarifier
22. Total Hardness	N	2015*	6.0	No Range	ppb	0	60	By-product of filtering water add-on/clarifier

* Water treatment sample results available

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", The Town of Dekalb 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 0.7-1.3 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 91%.

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 Town of Dekalb 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.

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 microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

This report is being published in the paper and will not be mailed. Please call our office if you would like a copy or if you have any questions.