

2018 AUG 27 PM 12:49

2017 CERTIFICATION

Consumer Confidence Report (CCR)

Town of Coldwater

Public Water System Name

0690002

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: ____ / ____ / 2018 ____ / ____ / 2018 ____ / ____ / 2018

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: ____ / ____ / 2018

- 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: Tate Record

Date Published: 06 / 26 / 2018

CCR was posted in public places. *(Attach list of locations)*

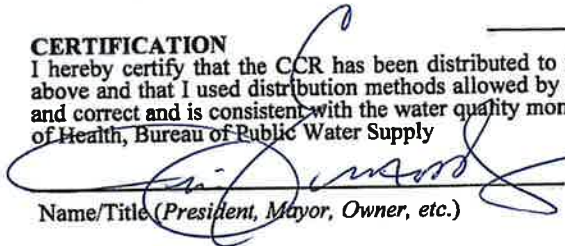
Date Posted: ____ / ____ / 2018

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 *(President, Mayor, Owner, etc.)*

8/27/2018
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, 2018!

Town of Coldwater, MS

PWSID# 0690002

Water Quality Report 2017



Prepared by:

Mitchell Technical Services, Inc
325 West McKnight
Murfreesboro, TN 37129



Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Report availability

This report is not mailed to the residents; however, it is published annually in the local paper and is also posted in the Town Hall on the bulletin board for review.

Do I need to take special precautions?

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water comes from 3 wells pumping from the Sparta Aquifer.

Source water assessment and its availability

Our source water assessment has been completed, and our wells were ranked LOWER in terms of susceptibility to contamination. For a copy of the report, please contact our office at (662) 622-7242.

Why are there contaminants in my drinking water?

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 poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

Other information

Information including current and past boil water notices, compliance and reporting violations, and other information pertaining to your water supply including "Why, When, and How to Boil Your Drinking Water" may be obtained.

Certified Operator:	Bryan Lane	Phone	(662) 622-7242
Operations Firm:	MTS, Inc.	Fax	(662) 622-7242
Emergency Contact :	(662) 622-7242		

Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

Important Drinking Water Definitions:

ND: **Non-Detects:** Laboratory analysis indicates that the constituent is not present.

MCLG: **Maximum Contaminant Level Goal:** 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.

MCL: **Maximum Contaminant Level:** 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.

AL: **Action Level:** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Units Description:

NA: Not applicable

ND: Not detected

NR: Not reported

MNR: Monitoring not required but recommended.

ppm: parts per million, or **mg/l:** milligrams per liter

ppb: parts per billion, or **µg/l:** micrograms per liter

INORGANIC CONTAMINANTS

CONTAMINANTS	MCL	YOUR WATER	
SAMPLE DATE	MCLG	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
Barium 5/22/2013	2 ppm	0.0141 ppm N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits

CYANIDE

CONTAMINANTS	MCL	YOUR WATER	
SAMPLE DATE	MCLG	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
Cyanide 06/30/2016	0.2 ppm	0.018 ppm N	Cyanides are occasionally found in drinking-water, primarily as a consequence of industrial contamination

NITRATES

CONTAMINANTS	MCL	YOUR WATER	
SAMPLE DATE	MCLG	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
Nitrate 4/05/2017	10 ppm	1.01 ppm N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Nitrite 4/05/2017	1 ppm	<0.02 ppm N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Nitrate-Nitrite 4/05/2017	10 ppm	1.01 ppm N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

DISINFECTANT BY-PRODUCTS

CONTAMINANTS	MCL	YOUR WATER	
SAMPLE DATE	MCLG	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
Haloacetic Acids (HAA5) 8/23/2013	60 ppb	3.0 ppb N	By-product of drinking water chlorination.
Total Trihalomethane (TTHM) 8/23/2016	80 ppb	20.3 ppb N	By-product of drinking water disinfection.

CONTAMINANT	MRDL RANGE	YOUR WATER-HIGHEST QUARTER RUNNING ANNUAL AVERAGE VIOLATION (Y / N)
SAMPLE DATE		
Maximum Residual Disinfectant Level (MRDL)	0.35mg/L	1.10 mg/L
JAN 2017-DEC 2017	1.88 mg/L	N

LEAD & COPPER

CONTAMINANTS	MCL	YOUR WATER
MONITORING PERIOD	MCLG	VIOLATION (Y / N)
LEAD	15 ppb	1 ppb
1/1/2015-12/31/2017		N
COPPER	1.3 ppm	1 ppm
1/1/2015-12/31/2017		N

SIGNIFICANT DEFICIENCIES

During a sanitary survey conducted on June 17, 2013, the Mississippi State Department of Health cited the following significant deficiency(s):

Inadequate application of treatment chemicals and techniques

Unprotected cross connections

Corrective Actions: MSDH is currently completing enforcement actions to return the system back into compliance by 6/30/2018.

During a sanitary survey conducted on June 15, 2016, the Mississippi State Department of Health cited the following significant deficiency(s):

Inadequate follow-up on previous deficiencies

Corrective Actions: MSDH is currently completing enforcement actions to return the system back into compliance by 6/30/2018.

INORGANIC CONTAMINANTS

CONTAMINANTS	MCL	YOUR WATER	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
NIOTIIN	2 ppm	0.0143 ppm	N	Outcrop of drilling waste; Discharge from natural deposits
5/23/2013				

CYANIDE

CONTAMINANTS	MCL	YOUR WATER	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
Cyanide	0.2 ppm	0.018 ppm	N	These are occasionally found in drinking water, primarily as a consequence of industrial contamination
06/20/2016				

NITRATES

CONTAMINANTS	MCL	YOUR WATER	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
NITRATE	10 ppm	1.201 ppm	N	Runoff from fertilizer use; Leaching from septic tanks, seepage from natural deposits
4/16/2017				
NITRATE	10 ppm	1.013 ppm	N	Runoff from fertilizer use; Leaching from septic tanks, seepage from natural deposits
4/05/2017				
NITRATE	10 ppm	3.01 ppm	N	Runoff from fertilizer use; Leaching from septic tanks, seepage from natural deposits
4/05/2017				

INFECTANT BY-PRODUCTS

CONTAMINANTS	MCL	YOUR WATER	VIOLATION (Y / N)	LIKELY SOURCE OF CONTAMINANT
TRICHOCEPHALIN (TRC)	50 ppb	2.0 ppb	N	By-product of drinking water disinfection
8/25/2013				
Total Trichloroethylene (TTHM)	80 ppb	25.5 ppb	N	By-product of drinking water disinfection

CONTAMINANT	YOUR WATER-HIGHEST	
SAMPLE DATE	MROL RANGE	DELINQUENT RESPONSE ANNUAL AVERAGE VIOLATION (Y / N)
Maximum Residual Disinfectant Level (MRDL)	0.55 mg/L 3.85 mg/L	1.10 mg/L N
JAN 2017-DEC 2017		
LEAD & COPPER		
CONTAMINANTS	MCL	YOUR WATER VIOLATION (Y / N)
MONITORING PERIOD	MCLG	
LEAD	1.0 ppm	3 ppm
6/1/2015-12/31/2017		N
COPPER	1.3 ppm	0.1 ppm
1/1/2015-12/31/2017		N

SIGNIFICANT DEFICIENCIES

During a secondary survey conducted on June 17, 2018, the Mississippi State Department of Health cited the following significant deficiency(ies):
 Inadequate maintenance of disinfectant chemicals and procedures
 Unrecorded cross connections
 Corrective Action: MSOH is currently completing enforcement actions to return the system back into compliance by 6/30/2018.

During a secondary survey conducted on June 19, 2018, the Mississippi State Department of Health cited the following significant deficiency(ies):
 Inadequate follow-up on previous deficiencies
 Corrective Action: MSOH is currently completing enforcement actions to return the system back into compliance by 8/30/2018.