

CERTIFICATION

Consumer Confidence Report (CCR)

CHICKASAW HILLS

Public Water Supply Name

540021

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: 6/27/17 / /

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: _____

Date Published: ____ / ____ / ____

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

[Signature] PRESIDENT
Name/Title (President, Mayor, Owner, etc.)

7-26-17
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!

Lape Waterworks Co. Inc.
 P.O. BOX 675
 SAFESVILLE MS 38606

SAFESVILLE, MS
 38606

DEPOSIT
 FIRST CLASS MAIL
 U.S. POSTAGE
 PAID
 PERMIT NO.

THIS BILL IS NOW DUE AND PAYABLE

DATE READ 08-27	ROUTE & ACCT. NO. 600010			
TYPE OF SERV.	METER READING		USAGE	CHARGES
	PRESENT	PREVIOUS		
WA	323450	23450		10.87
JEANINE HENDRIX OUR REPORT, IF YOU NEED A COPY, PLEASE CALL 663-5180				
NET AMOUNT DUE	SAVE THIS	GROSS AMOUNT TO BE PAID AFTER		
-10.87	5.00	770717		
		-5.87		

800010
 LAPE WATERWORKS CO. INC.

NET AMOUNT DUE	SAVE THIS	AFTER
-10.87	5.00	770717
		PAY THIS: -5.87

PLEASE RETURN THIS SLIP WITH YOUR PAYMENT

JEANINE HENDRIX
 & SKALES/ASTA
 261-A J Q WEST FRONTAGE
 COMD. MS 38610

2017 JUN 29 AM 11: 36

Annual Drinking Water Quality Report
2016
Chickasaw Hills
PWS ID# MS0540021

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 is a water well pumping from the Meridian-Upper Wilcox aquifer. Our source water assessment has been completed and is available. Our well ranked "low". Please contact us if you'd like a copy of this report.

If you have any questions about this report or concerning your water utility, please contact Casey Lipe at 662-609-5473 or Ophelia Mangum at 662-563-5189. We want our valued customers to be informed about their water utility. If you want to learn more, please contact our office. We are open Monday thru Friday from 9:00 AM to 5:00 PM.

Lipe Waterworks Co., Inc. 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:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

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.

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

Variances & Exemptions (V&E) - State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCL G	MCL	Likely Source of Contamination
Disinfection Byproducts								
Chlorine as Cl ₂	N	2013	1.10	0.20-1.50	ppm	4	4	Water additive used to control microbes
	N	2014	1.00	0.40-1.80				
	N	2015	1.20	0.80-1.50				
	N	2016	1.20	0.50-1.50				
Inorganic Contaminants								
10. Barium	N	2013 2016	0.048		Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
	N		0.0419					
14. Copper	N	2009-2011 2012-2014	0.3		ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
	N		0.4					
Fluoride	N	2016	1.1		ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N N	2009-2011 2012-2014	0.005 0.008		ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

19. Nitrate +Nitrite	N N N N	03/07/13 11/13/14 04/23/15 05/04/16	0.1 0.1 0.1 0.1		ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
TT Violation	Explanation	Duration of Violation					Corrective Actions	Health Effects
Ground Water Rule	Failure to take corrective action within Required Timeframe	6/01/2015 6/01/2016					The system has entered into a bilateral compliance agreement, insuing working with the State on an agreement and/or corrected the deficiency	Inadequately treated water may contain disease causing organisms. These organisms include bacteria, viruses and parasites which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

***** Significant Deficiencies *****

During a sanitary survey conducted on 6/21/2012, the Mississippi State Department of Health cited the following significant deficiency: inadequate security measures, inadequate internal cleaning/maintenance of storage tanks.

Corrective actions: MSDH is currently working with this system to return them to compliance since the expiration of the compliance deadline. We anticipate the system being returned to compliance by 6/30/2017.

During a sanitary survey conducted on 5/27/2015, the Mississippi State Department of Health cited the following significant deficiency: inadequate security measures: inadequate follow-up on previous deficiencies.

Corrective actions: MSDH is currently working with this system to return them to compliance since the expiration of the compliance deadline. We anticipate the system being returned to compliance by 6/30/2017.

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).

Please call our office if you have questions.

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.

Monitoring and Reporting of Compliance Data Violations