

MISSISSIPPI STATE DEPARTMENT OF HEALTH
BUREAU OF PUBLIC WATER SUPPLY

2016 SEP 23 AM 9:09

CCR CERTIFICATION
CALENDAR YEAR 2015

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: / / , / / 6/27/2016

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 2015 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.

CASEY LIPE, OWNER
Name/Title (President, Mayor, Owner, etc.)

9.18.16
Date

Deliver or send via U.S. Postal Service:
Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

May be faxed to:
(601)576-7800

May be emailed to:

CCR Due to MSDH & Customers by July 1, 2016!

water.reports@msdh.ms.gov

Annual Drinking Water Quality Report
2015
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, 2015. 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.

Variations & 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	MCLG	MCL	Likely Source of Contamination
Disinfection Byproducts								
Chlorine as Cl2	N	2012	1.10	3.03-1.80	ppm	4	4	Water additive used to control microbes
	N	2013	1.10	0.20-1.50				
	N	2014	1.00	0.40-1.80				
	N	2015	1.20	0.80-1.50				
Inorganic Contaminants								
10. Barium	N	2013	0.048		Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2013	0.0012		Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N N	2009-2011 2012-2014	0.3 0.4		ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N	06/17/15	0.015		ppm	2	2	Discharge from steel/metal factories; discharge from plastic and fertilizer 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	08/03/12 03/07/13 11/13/14 04/23/15	0.1 0.1 0.1 0.1		ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Volatile Organic Contaminants								
55. Benzene	N	10/15/15	0.5		ppb	0	5	Discharge from factories; leaching from gas storage tanks and landfills
56. Carbon tetrachloride	N	10/15/15	0.5		ppb	0	5	Discharge from chemical plants and other industrial activities

57. Chlorobenzene	N	10/15/15	0.5		ppb	100	100	Discharge from chemical and agricultural chemical factories
58. o-Dichlorobenzene	N	10/15/15	0.5		ppb	600	600	Discharge from industrial chemical factories
59. p-Dichlorobenzene	N	10/15/15	0.5		ppb	75	75	Discharge from industrial chemical factories
60. 1,2-Dichloroethane	N	10/15/15	0.5		ppb	0	5	Discharge from industrial chemical factories
61. 1,1-Dichloroethylene	N	10/15/15	0.5		ppb	7	7	Discharge from industrial chemical factories
62. cis-1,2-Dichloroethylene	N	10/15/15	0.5		ppb	70	70	Discharge from industrial chemical factories
63. trans-1,2-Dichloroethylene	N	10/15/15	0.5		ppb	100	100	Discharge from industrial chemical factories
64. Dichloromethane	N	10/15/15	0.5		ppb	0	5	Discharge from pharmaceutical and chemical factories
65. 1,2-Dichloropropane	N	10/15/15	0.5		ppb	0	5	Discharge from industrial chemical factories
66. Ethylbenzene	N	10/15/15	0.5		ppb	700	700	Discharge from petroleum refineries
67. Styrene	N	10/15/15	0.5		ppb	100	100	Discharge from rubber and plastic factories; leaching from landfills
68. Tetrachloroethylene	N	10/15/15	0.5		ppb	0	5	Leaching from PVC pipes; discharge from factories and dry cleaners
69. 1,2,4-Trichlorobenzene	N	10/15/15	0.5		ppb	70	70	Discharge from textile-finishing factories
70. 1,1,1-Trichloroethane	N	10/15/15	0.5		ppb	200	200	Discharge from metal degreasing sites and other factories
71. 1,1,2-Trichloroethane	N	10/15/15	0.5		ppb	3	5	Discharge from industrial chemical factories
72. Trichloroethylene	N	10/15/15	0.5		ppb	0	5	Discharge from metal degreasing sites and other factories

74. Toluene	N	10/15/15	0.5		ppm	1	1	Discharge from petroleum factories
75. Vinyl Chloride	N	10/15/15	0.5		ppb	0	2	Leaching from PVC piping; discharge from plastics factories
76. Xylenes	N	10/15/15	0.5		ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
TT Violation	Explnation	Duration of Violation					Corrective Actions	Health Effects
Ground Water Rule	Failure to take corrective action within Required Timeframe	6/01/2015					The system has entered into a bilateral compliance agreement, ins suing 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.
Monitoring and Reporting of Compliance Data Violations								

***** 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 6/30/2016.

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 6/30/2016.

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.

Lipe Waterworks Co, Inc.
P.O. BOX 623
BATESVILLE, MS 38606

BATESVILLE, MS
38606

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	FIRST CLASS MAIL
	U.S. POSTAGE
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THIS BILL IS NOW DUE AND PAYABLE

DATE READ	ROUTE & ACCT. NO.			
6/26	800125			
TYPE OF SERV.	METER READING		USAGE	CHARGES
	PRESENT	PREVIOUS		
WA	138210	135260	2950	13.43
DOLLIE POWELL CCR AVAILABLE, NEED A COPY CALL 609-5473 OR 563-5189				
NET AMOUNT DUE	SAVE THIS	GROSS AMOUNT TO BE PAID AFTER		
13.43	5.00	7/10/16	18.43	

800125
Lipe Waterworks Co, Inc.

NET AMOUNT DUE	SAVE THIS	AFTER
13.43	5.00	7/10/16
PAY THIS:		18.43

PLEASE RETURN THIS STUB WITH YOUR PAYMENT

DOLLIE POWELL
881 CHICKASAW RD.
POPE, MS 38658