

2017 JUN -2 AM 8:51

# CERTIFICATION

## Consumer Confidence Report (CCR)

Sweethome Water & Sewer District

Public Water Supply Name

0260015

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: Holmes County Herald

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

Anthony Watson, Office Mgr  
Name/Title (President, Mayor, Owner, etc.)

6-1-17  
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](mailto:water.reports@msdh.ms.gov)

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

**PROOF OF PUBLICATION**  
**HOLMES COUNTY HERALD**  
 LEXINGTON, MISSISSIPPI

STATE OF MISSISSIPPI,  
 HOLMES COUNTY

Personally appeared before me, the undersigned authority, Chancery Clerk of said County and State, Bruce Hill, publisher of a public newspaper called the *Holmes County Herald* established in 1959 and published continuously since that date in said County and State, who, being duly sworn, deposed and said that the notice, of which a true copy is hereto annexed, was published in said paper for 2 time(s), as follows, to wit:

Commercial-Residential  
 Store Front / Canopies /  
 Store Front H.A.

**DELTA GLASS**  
 JIMMY  
 ALL TYPE OF GLASS &  
 Windshield Ins.

P.O. Box 1085  
 312 South Mound Street  
 Yazoo City, MS 39494

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**Pop's**  
 327 Hwy 12 W.,  
 \*Across from  
 Monday - Saturday  
 Fresh - Local  
 Shelled  
 Watermelon  
 and  
 Diane  
 Owners Kenny & Ani

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**OM**  
 FIRE  
 Come see us for all y

Jeff Meggs  
 Office 662-289-1544

**Home**  
**Ever District**  
**Commissioners**  
 and their  
**Membership Meeting**  
**2017 @ 5 p.m.**  
**Street, Lexington**  
 encouraged to attend.  
 could be addressed at  
 held the 1<sup>st</sup> Monday  
 m. at the Business  
 Street in Lexington.

**- Chairman**  
**V. Chairman**  
**Secretary**  
**Commissioner**  
**Commissioner**  
**"a Better Sweethome"**

Vol. 59, No. 19 the 11<sup>th</sup>  
 day of MAY, 2017

Vol. 59, No. 20 the 18<sup>th</sup>  
 day of MAY, 2017

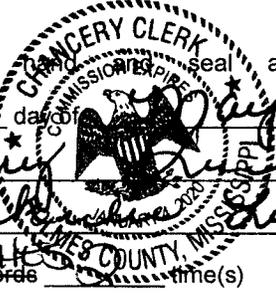
Vol. \_\_\_\_\_, No. \_\_\_\_\_ the \_\_\_\_\_  
 day of \_\_\_\_\_, 2017

Vol. \_\_\_\_\_, No. \_\_\_\_\_ the \_\_\_\_\_  
 day of \_\_\_\_\_, 2017

Vol. \_\_\_\_\_, No. \_\_\_\_\_ the \_\_\_\_\_  
 day of \_\_\_\_\_, 2017

Bruce Hill  
 Publisher

Witness my seal at Lexington, Mississippi this  
 the 18 day of May, 2017.  
Nancy Chancery Clerk  
 by C. Hill D.C.  
18 3/4 words 2 time(s) Amount \$ 284.26



**STATE OF MISSISSIPPI,  
HOLMES COUNTY**

Personally appeared before me, the undersigned auth  
and State, Bruce Hill, publisher of a public newspaper  
tablished in 1959 and published continuously since tha  
being duly sworn, deposed and said that the notice, of  
was published in said paper for 2 time(s), as fol

**Sweethome  
Water & Sewer District  
Board of Commissioners**

will hold their

**Annual Membership Meeting  
Tuesday, May 23, 2017 @ 5 p.m.  
at 201 Spring Street, Lexington**

All members are encouraged to attend.  
All personal matters should be addressed at  
regular Board Meetings held the 1<sup>st</sup> Monday  
of every month at 6 p.m. at the Business  
Office at 201 Spring Street in Lexington.

*LaPlause Polk - Chairman  
Robert Seals - V. Chairman  
Mary Archer - Secretary  
Austry Kirklin - Commissioner  
Peggy Mayfield - Commissioner*

**"Working together for a Better Sweethome"**

Witness my  
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2016 Annual Drinking Water Quality Report  
 Sweethome Water & Sewer District  
 PWS#: 0260015  
 May 2017

2017 MAY 23 PM 1:33

We're pleased to present to you this year's Annual Quality Water 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 from wells drawing from the Meridian Upper Wilcox Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Sweethome Water & Sewer District have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Coreginald Patton, Operator or Robert Seals, Board President at 662.834.3674. 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 first Monday of each month at 6:00 PM at 201 Spring Street, Lexington, MS 39095

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 detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2016. In cases where monitoring wasn't required in 2016, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or 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 septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's 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.

*Treatment Technique (TT)* - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

*Maximum Contaminant Level (MCL)* - 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 (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 drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

*Level 1 Assessment:* A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

## TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
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<b>Microbiological Contaminants</b>								
1. Total Coliform Bacteria	N	September	Positive	1	NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
<b>Inorganic Contaminants</b>								
10. Barium	N	2015	.0655	.0153 - .0655	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2015	1.3	1.2 – 1.3	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2012/14*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2012/14*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
<b>Disinfection By-Products</b>								
81. HAA5	N	2014*	3	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2014*	3.65	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2015	.6	.4 - .8	Mg/l	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2016.

*Microbiological Contaminants:*

(1) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliform indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessments (s) to identify problems and to correct any problems that were found during these assessments.

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. We did complete the monitoring requirements for bacteriological sampling that showed one sample with coliform present. There were no bacteria in the resamples.

During the past year we were required to conduct and completed 1 (one) Level 1 assessment. In addition, we were required to take and completed 1 (one) corrective action.

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 microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Sweethome Water and Sewer District 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.

# PROOF OF PUBLICATION

## HOLMES COUNTY HERALD

### LEXINGTON, MISSISSIPPI

#### STATE OF MISSISSIPPI, HOLMES COUNTY

Personally appeared before me, the undersigned authority, Chancery Clerk of said County and State, Bruce Hill, publisher of a public newspaper called the *Holmes County Herald* established in 1959 and published continuously since that date in said County and State, who, being duly sworn, deposed and said that the notice, of which a true copy is hereto annexed, was published in said paper for 1 time(s), as follows, to wit:

2016 Annual Drinking Water Quality Report  
Sweethome Water & Sewer District  
PWS# 0260015  
May 2017

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- 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.
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- Level 1 Assessment** - A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

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#### Microbiological Contaminants

1. Total Coliform Bacteria	N	September	Positive	1	BA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
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#### Inorganic Contaminants

16. Barium	N	2015	0655	0153 - 0656	ppm	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of sulfate deposits
17. Chloride	N	2015	1.3	1.2 - 1.3	ppm	100	100	Discharge from steel and pulp mills, erosion of natural deposits
14. Copper	N	2012/14*	1	0	ppm	1.5	AL=1.5	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives
17. Lead	N	2012/14*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

#### Disinfection By-Products

91. THM45	N	2014*	3	No Range	ppb	0	60	By-product of drinking water disinfection
92. THM4	N	2014*	3.65	No Range	ppb	0	20	By-product of drinking water chlorination
Total Trihalomethanes Chlorine	N	2015	.6	4 - 8	Mg/l	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2016.  
Microbiological Contaminants:  
(1) Total Coliform: Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliform bacteria in the tap water from several locations. This indicates the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessments (a) to identify problems and (b) to correct any problems that were found during these assessments.

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Vol. 59, No. 22 the 18<sup>th</sup>  
day of JUNE, 2017

Vol. \_\_\_\_\_, No. \_\_\_\_\_ the \_\_\_\_\_  
day of \_\_\_\_\_, 2017

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day of \_\_\_\_\_, 2017

Vol. \_\_\_\_\_, No. \_\_\_\_\_ the \_\_\_\_\_  
day of \_\_\_\_\_, 2017

Bruce Hill  
\_\_\_\_\_  
Publisher

Witness Chancery Clerk hand and seal at Lexington, Mississippi this  
the 18<sup>th</sup> day of June, 2017.  
Chancery Clerk  
by Chancery Clerk D.C.  
16 INCHES time(s) Amount \$ 126.00

