

2

# CERTIFICATION

## Consumer Confidence Report (CCR)

TOWN OF HEIDELBERG

Public Water Supply Name

#0310005

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: THE CHRONICLE

Date Published: 5/17/2017

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

William Alan  
Name/Title (President, Mayor, Owner, etc.)

9-22-17  
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!**

3

*Annual Drinking Water Quality Report  
Town of Heidelberg  
PWS ID # 0310005  
May 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 Cockfield Formation 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 Heidelberg 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 William "Bud" Dixon at 601-433-0757 or Ralph Ferguson at 601-319-9233. 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 1<sup>st</sup> Tuesday of each month at the Heidelberg Town Hall at 7:00 pm.

The Town of Heidelberg 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 1<sup>st</sup> to December 31<sup>st</sup>, 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	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2015*	0.0092	None	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2015*	3.9	None	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	1/1/12 to 12/31/14*	1.1	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2015*	0.227	None	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	1/1/12 to 12/31/14*	5	None	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
<b>Disinfectants &amp; Disinfectant By-Products</b>								
Chlorine (as Cl <sub>2</sub> )	N	1/1/16 to 12/31/16	1.90	1.00 to 2.30	ppm	4	4	Water additive used to control microbes
73. TTHM [Total trihalomethanes]	N	2015*	28	No Range	ppb	0	80	By-product of drinking water chlorination
HAA5	N	2013*	4	No Range	ppb	0	60	By-product of drinking water chlorination

\* Most recent sample results available

**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 Heidelberg 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.

2017 JUL -6 PM 4:26

# The Chronicle

P.O. Box 1984 • Laurel, MS 39441  
(601) 651-2000 tel • (601) 651-2020 fax

## PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI,  
JONES COUNTY.

Personally appeared before me, the under-  
signed, a notary public in and for Jones  
County, Mississippi, Sonya James, for  
THE CHRONICLE, a weekly newspaper  
published in Jones County Mississippi, who,  
being duly sworn, says that the notice, a true  
copy of which is hereto annexed, appeared  
in the issues of said newspapers as follows:

DATE: 05/17/2017

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

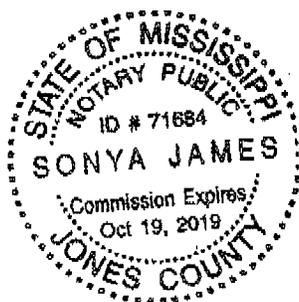
Display Ad 3 x 13

TOTAL \$ 300.30

(Signed) [Signature]  
The Chronicle

Sworn to and subscribed before me  
in my Presence, this 23 day of  
May 2017, a Notary  
Public in and for the County of Jones,  
State of Mississippi.

(Signed) [Signature]  
Notary Public



### Annual Drinking Water Quality Report Town of Heidelberg PWS ID # 0310005 May 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 Cockfield Formation 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 Heidelberg 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 William "Bud" Dixon at 601-433-0757 or Ralph Ferguson at 601-319-9253. 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 1<sup>st</sup> Tuesday of each month at the Heidelberg Town Hall at 7:00 pm.

The Town of Heidelberg 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 1<sup>st</sup> to December 31<sup>st</sup>, 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	Violated Y/N	Date Collected	Level Detected	Range of Detect # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2015*	0.092	None	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2015*	3.9	None	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	1/17/16 to 12/31/16	1.1	None	ppm	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2015*	0.227	None	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	1/17/16 to 12/31/16	5	None	ppb	0	15	Corrosion of household plumbing systems; erosion of natural deposits
<b>Disinfectants &amp; Disinfectant By-Products</b>								
Chlorine (as Cl <sub>2</sub> )	N	1/17/16 to 12/31/16	1.90	1.00 to 2.50	ppm	4	4	Water additive used to control microbes
23. THM <sub>4</sub> (Total Trihalomethanes)	N	2015*	28	No Range	ppb	0	180	By-product of drinking water chlorination
24. HAAs	N	2015*		No Range	ppm	0	100	By-product of drinking water chlorination

\*Most recent sample results available

#### 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 Heidelberg 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

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

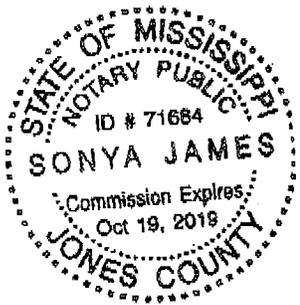
Display Ad 3 x 13

TOTAL \$ 300.30

(Signed) [Signature]  
The Chronicle

Sworn to and subscribed before me in my Presence, this 23 day of May 2017, a Notary Public in and for the County of Jones, State of Mississippi.

(Signed) [Signature]  
Notary Public



**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	Violation Y/N	Date Collected	Level Detected	Range of Detect or # of Sample Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
00. Arsenic	N	2/15/17	0.0092	None	ppm	2	10	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
09. Chromium	N	2013*	3.9	None	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	1/1/12 to 12/31/14*	1.1	None	ppm	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from aged pipes and wires
16. Fluoride	N	2013*	0.227	None	ppm	4	4	Erosion of natural deposits; waste additive which promotes strong tooth; discharge from fertilizer and aluminum factories
17. Lead	N	1/1/12 to 12/31/14*	5*	None	ppb	0	15	Corrosion of household plumbing systems; erosion of natural deposits
<b>Disinfectants &amp; Disinfectant By-Products</b>								
Chlorine (as Cl <sub>2</sub> )	N	1/1/16 to 12/31/16	1.90	1.00 to 2.30	ppm	4	4	Water additive used to control microbes
Trihalomethanes (THM) (Chloroform, Bromoform, Bromochloroform)	N	2013*	0.28	No Range	ppm	0	80	Byproduct of drinking water chlorination
HAAs (Hexahaloaromatics)	N	2013*	4	No Range	ppb	0	60	Byproduct of drinking water chlorination

\* Most recent available results available.

**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 Heidelberg 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 601-576-7882 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.

114 W. Park Street  
P.O. Box 372  
Heidelberg, MS 39439  
Office: 601-787-3000  
Fax: 601-787-4611



# Fax

To: Highway Water From: Edwin J. Sanders  
Fax: 1-601-576-7110 Pages: 3  
Phone: 601-787-3000 Date: 7/6/17  
Re: CCR Report