

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY  
CCR CERTIFICATION  
CALENDAR YEAR 2013

2014-05-22 12:33

CRYSTAL SPRINGS WATER SERVICE

Public Water Supply Name

0150003

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 METEOR

Date Published: 5/14/14

CCR was posted in public places. *(Attach list of locations)* CITY HALL + WATER OFFICE Date Posted: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

CCR was posted on a publicly accessible internet site at the following address (**DIRECT URL REQUIRED**):

**CERTIFICATION**

I hereby certify that the 2013 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.

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

5-21-14  
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:  
Melanie.Yanklowski@msdh.state.ms.us

2013 Annual Drinking Water Quality Report  
 Crystal Springs Water Service  
 PWS#: 0150003  
 April 2014

2014 APR 16 11:12:25

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 Citronella & Miocene Aquifers.

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 Crystal Springs Water Service have received a lower to higher susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Robert Sims at 601.624.3403. 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 Tuesdays of each month at 6:00 PM at City Hall.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2013. In cases where monitoring wasn't required in 2013, 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 constituents. It's important to remember that the presence of these constituents 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.

**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.

**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.

<b>TEST RESULTS</b>								
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
<b>Inorganic Contaminants</b>								
10. Barium	N	2011*	.054	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2011/13	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

16. Fluoride**	N	2011*	1.4	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2011/13	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2013	1.49	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

### Disinfection By-Products

82. TTHM [Total trihalomethanes]	N	2011*	2.94	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2013	1.4	1 - 1.7	ppm	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2013.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents 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 no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

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 Association 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.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 4. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 33%.

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 Crystal Springs Water Service 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

**The METEOR**, INC.

ESTABLISHED 1881  
 Crystal Springs, Mississippi 39059  
 State of Mississippi, Copiah County

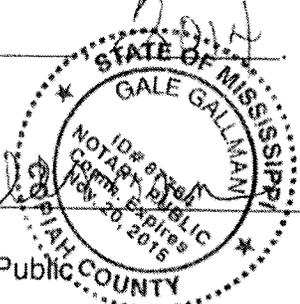
Personally appeared before the undersigned Notary  
Public in and for said County and State, HENRY  
 CARNEY, Publisher of The Crystal Springs Meteor, a newspaper  
 published at Crystal Springs, Mississippi, who on oath says the  
 notice, a copy of which is hereto attached, was printed  
ONE consecutive times in said paper as follows:

	Cost
<u>May 14</u> <u>2014</u>	<u>\$ 258.75</u>
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
_____	\$ _____
Notary \$	<u>2.00</u>
Total Cost \$	<u>261.75</u>

Henry Carney Publisher

Sworn to and subscribed before me this 14th day of  
May 2014

Gale Gallman  
 Notary Public, Copiah County



Trustee by instrument record  
 the office of the aforesaid Cl  
 cery Clerk in Deed Book 742, 1  
 74; and NOW, THEREFORE,  
 holder of said Deed of Trust, I  
 ing requested the undersigne  
 to do, as Substitute Trustee or  
 duly appointed agent, by vir  
 of the power, duty and author  
 vested and imposed upon s  
 Substitute Trustee shall, on Ja  
 11, 2014 within the lawful ho  
 of sale between 11:00AM a  
 4:00PM at the northeast door  
 the Courthouse proceed to s  
 at public outcry to the highe  
 and best bidder for cash or cer  
 fied funds ONLY, the followi  
 described property situated i  
 Copiah County, Mississippi, i  
 wit: LOT 62 OF TURNER SUB  
 DIVISION, COPIAH COUNTY,  
 MISSISSIPPI, A SUBDIVISION  
 ACCORDING TO THAT CER  
 TAIN MAP OR PLAT ON FILE  
 AND OF RECORD IN THE  
 OFFICE OF THE CHANCERY  
 CLERK OF COPIAH COUNTY,  
 MISSISSIPPI, IN PLAT BOOK  
 1, PAGE 89, REFERENCE TO  
 WHICH MAP OR PLAT IS  
 HEREBY MADE IN AID OF AND  
 AS A PART OF THIS DESCRIP  
 TION. PROPERTY ADDRESS:  
 The street address of the property  
 is believed to be 163 PACIFIC  
 CIRCLE, CRYSTAL SPRINGS,

**YO**  
 d like to be  
 vice section o

**COMPUTER**  
 The Computer  
 Ben and Jay Br  
 Repair - Upgrades -  
 Free Estimates  
 Pickup and delivery avail  
 Mon. - Thurs. 9 a.m. to 9  
 1-601-892-5920

**HEATING**  
 TERRY CHANNELL &  
 A/C & HEATING, IN  
 402 Georgetown St. - Hazle  
 Serving Copiah County Since 194  
 Office: 601-894-8100  
 Terry Channell Sr. Terry Cha  
 801-954-3550 John B. 601-42

**LAWN SERVICE**

