



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

Star Water Co.
Public Water Supply Name

MS0610027
List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act 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 to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

Customers were informed of availability of CCR by: (*Attach copy of publication, water bill or other*)

Advertisement in local paper
 On water bills
 Other _____

Date customers were informed: 7/1/10

CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: / /

CCR was published in local newspaper. (*Attach copy of published CCR or proof of publication*)

Name of Newspaper: Rankin Co. News

Date Published: 6/3/10

CCR was posted in public places. (*Attach list of locations*)

Date Posted: 6/3/10 Star Water Office

CCR was posted on a publicly accessible internet site at the address: www. _____

CERTIFICATION

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. 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.

Dora Jean Whalley Pres-
Name/Title (*President, Mayor, Owner, etc.*)

6-20-10
Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215
Phone: 601-576-7518

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AFFIDAVIT

PROOF OF PUBLICATION

RANKIN COUNTY NEWS • P.O. BOX 107 • BRANDON, MS 39043

STATE OF MISSISSIPPI
COUNTY OF RANKIN

THIS 3RD DAY OF JUNE, 2010, personally came Marcus Bowers, publisher of the Rankin County News,

a weekly newspaper printed and published in the City of Brandon, in the County of Rankin and State aforesaid, before me the undersigned officer in and for said County and State, who being duly sworn, deposes and says that said newspaper has been published for more than 12 months prior to the first publication of the attached notice and is qualified under Chapter 13-3-31, Laws of Mississippi, 1936, and laws supplementary and amendatory thereto, and that a certain

DRINKING WATER QUALITY REPORT

STAR WATER COMPANY

a copy of which is hereto attached, was published in said newspaper One (1) week, as follows, to-wit:

Vol 162 No. 45 on the 2nd day of June, 2010

Marcus Bowers
MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned Marcus Bowers this 2nd day of June, 2010

Frances Conger Notary Public
FRANCES CONGER
My Commission Expires: January 25, 2014

PRINTER'S FEE:

3 column by 13.5 inch ad at \$6.30 per column inch..... \$263.25

Proof of Publication..... 3.00

TOTAL..... \$266.25



2009 Annual Drinking Water Quality Report Star Water Company, Inc. PWSID: 001027 May 2010

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 Cockfield Formation and the Forest Hill 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. The general susceptibility ratings assigned to each well of this system were completed immediately before. 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 Star Water Company, Inc. have received maximum susceptibility ratings to contribute.

If you have any questions about this report or concerning your water utility, please contact Dora Jean Whitley at 601-845-1433. We want our valued customers to be informed about their water utility. If you would like to learn more, please attend any of our regularly scheduled meetings. They are held on the second Thursday of each month at 7:00 PM at the office.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. The table below lists all of the drinking water contaminants that we tested during the period of January 1 to December 31, 2009. In cases where monitoring is required to 2009, 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. Examples of contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife, include microorganisms, such as coliform bacteria, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or leaching. Examples of inorganic chemicals, including radon, that may come from natural gas production and distribution, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to assure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided for 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.

Maximum Contaminant Level (MCL) - The "Maximum Allowable" (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 "Ideal" (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 for 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 to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

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 \$1,000,000.

Contaminant	Violation Type	Date Detected	Level Detected	TEST RESULTS		MCLG	MCL	Likely Source of Contamination
				Range of Levels or All Detected	Unit Measure			
Inorganic Contaminants								
10. Barium	N	2009	0.0	0.0 - 0.10	ppm	2	2	Discharge of drilling wastes, discharge from metal refineries, erosion of natural deposits
13. Chromium	N	2009	0	0 - 2	ppb	100	100	Discharge from steel and iron mills, erosion of natural deposits
14. Copper	N	2009	0	0	ppm	1.5	AL=1.5	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives
17. Lead	N	2009	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2009	1.7	1.4 - 1.7	ppb	50	50	Discharge from petroleum and metal refineries, erosion of natural deposits, discharge from mining
Disinfection By-Products								
H1. HAA5	N	2009	50	No Range	ppb	0	50	By-product of drinking water disinfection
H2. THM5 (Total Trihalomethanes)	N	2009	76.94	No Range	ppb	0	80	By-product of drinking water disinfection
Chlorine	N	2009	3	1 - 3	ppm	0	MDCL=4	Water additive used to control microbes

* After recent testing, no sample reported for 2009.

As you can see by the table, our system had no contaminant 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 growth. In an effort to assure systems complete all monitoring requirements, MSDH now requires systems of any raising 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 lead pipes 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/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$13 per sample. Please contact 601.575.7182 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 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 susceptible 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 microscopic organisms are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Star Water Company, Inc. works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water resources, which are the heart of our community, our way of life and for children's future.