

APPROVED

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Southeast Rankin Water Assn
Public Water Supply Name

# 0610025 and 0610049
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.

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 letter

Date customers were informed: 6/30/09

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 County News

Date Published: 7/2/09

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

Date Posted: / /

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.

Chelsi Jones - President
Name/Title (President, Mayor, Owner, etc.)

6/25/09
Date

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

RETURN SERVICE REQUESTED

Water 381000 375000 6,000 19.00

5	804
NET AMOUNT TO BE PAID	
19.00	

7/15/09

20.90

MAIL THIS STUB WITH YOUR PAYMENT

ACCOUNT 804 6/29/09

TOTAL DUE UPON RECEIPT
19.00

6 9 1 1.90 20.90

MENDENHALL MS  
39114-4449

Our Consumer Confidence Report will be in the Rankin County News 7/2/09  
Happy 4th of July!!!

copy of bill

### Southeast Rankin Water Association

Post Office Box 700  
Puckett, MS 39151

Phone: 601-825-6992  
Fax: 601-825-8768

Dear Member,

You are hereby notified, in accordance with the by-laws, the annual meeting to the members of the Southeast Rankin Water Association will be held at the Rankin County Court House Annex, in the Board of Supervisors Conference Room, in the town of Brandon, Rankin County, Mississippi, at 2:00 p.m., on the 23rd day of July, 2009 for the following purpose:

1. To ratify all actions of the Board of Directors and Management of the Association since the last meeting and for any other lawful business that should be presented to the members.

IF YOU CANNOT ATTEND THE MEETING, PLEASE EXERCISE YOUR RIGHT TO VOTE BY SIGNING AND RETURNING THE ENCLOSED POSTAGE PAID PROXY. It is important that we receive at least twenty percent (20%) of the members on roll present or their proxy, in order to have an official meeting. Your cooperation in this matter is greatly appreciated.

*Sincerely,*

Your Board of Directors:

- Philip Jones
- Robert Morrow, Jr.
- Harold Cannon
- Fred Dixon
- James Drake

**ADDITIONAL NOTICES:**

1. Water Bills can be sent to P.O. Box 700, Puckett, MS 39151. Office hours are 9:00-4:00 Monday-Friday. **NO WEEKENDS.** Office phone 601-825-6992.
2. Meters will be locked on the 20th. **WHEN A METER IS LOCKED IT WILL BE THE FULL AMOUNT OF THE BILL PLUS A \$25.00 RECONNECT FEE. TO BE PAID IN CASH OR MONEY ORDER ONLY!** After the bill is paid, the meter will be unlocked within 24 hours.
3. A returned check has a \$25.00 return fee added.
4. The Health Department suggest you boil your water for one full minute when pressure is low or you have no water. This should be done for a 24-hour period on all water consumed.
5. We now have Bank Drafting. Call the office for more details, 601-825-6992.
6. If you would like a copy of this year's consumer confidence report, please call the office at 601-825-6992.

**2008 Annual Drinking Water Quality Report**  
**Southeast Rankin Water Association**  
**PWS#: 0610025 and 0610049**  
**June 2009**

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 Sparta Sand and Cockfield Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. 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 Southeast Rankin Water Association have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Brian Frazier at 601-825-6992. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the meeting scheduled for July 23, 2009 at 2:00 PM at the Rankin County Courthouse, Board of Supervisors Conference Room in Brandon, MS.

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>, 2008. In cases where monitoring wasn't required in 2008, 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.

**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.

**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>PWS ID#: 0610025</b>		<b>TEST RESULTS</b>						
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	2008	.003	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008	1.2	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008	.11	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products								
81. HAA5	N	2008	9	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2008	17.07	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2008	1.63	1 - 1.63	ppm	0	MRDL = 4	Water additive used to control microbes

PWS ID#: 0610049		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

**Microbiological Contaminants**

1. Total Coliform Bacteria	N	May	Positive	1	NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
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**Inorganic Contaminants**

10. Barium	N	2006*	.002	.0008 - .002	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2006*	1	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008	.3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2006*	.2	.1 - .2	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

**Disinfection By-Products**

81. HAA5	N	2005*	76	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2005*	42	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2008	1.54	.95 - 1.54	ppm	0	MRDL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2007.

**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, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

**Disinfection By-Products:**

(81) Haloacetic Acids (HAA5). Some people who drink water containing bromate in excess of the MCL over many years may have an increased risk of cancer

In May 2008 our system had a sample containing Total Coliform. In cooperation with the Mississippi Department of Health, the necessary measures were taken to return the system to compliance. We are pleased to report that the re-samples were free of the bacteria. Also in 2005, we exceeded the MCL for HAA5s. 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. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system failed to complete these monitoring requirements in January & May of 2004. 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.

It 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 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 1-800-426-4791.

**\*\*\*\*\*A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\***

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 - December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The Southeast Rankin Water Association 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.

P.O. BOX 700  
PUCKETT, MS 39151  
601-825-6992  
601-825-8768 FAX



# Fax

To: Bureau of Public Water From: Leah

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Fax: 576-7822 Pages: 1

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Phone: \_\_\_\_\_ Date: \_\_\_\_\_

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Re: \_\_\_\_\_ CC: \_\_\_\_\_

- Urgent     For Review     Please Comment     Please Reply     Please Recycle

● Comments:

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