



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY
CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

CITY OF RICHLAND

Public Water Supply Name

061-0023

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 www.richlandms.org web site

Date customers were informed: 5 / 25 / 11

CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
Date Mailed/Distributed: 6 / 1 / 11 Published in our monthly newsletter, The Richland Record. It is mailed to everyone in Richland.

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

Name of Newspaper: RANKIN COUNTY NEWS

Date Published: 5 / 4 / 11

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.richlandms.org

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.

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

Date

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

# City of Richland

## 2010 Drinking Water Quality Report

### **Is my water safe?**

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. The City of Richland vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

### **Do I need to take special precautions?**

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

### **Where does my water come from?**

Our water comes from 4 deep wells located in the Sparta Aquifer.

### **Source water assessment and its availability**

Our source water assessment has been completed. Our wells were ranked MODERATE in terms of susceptibility to contamination. For a copy of the report, please contact our office at 601-932-3000.

### **Why are there contaminants in my drinking water?**

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

### **How can I get involved?**

The City of Richland Mayor and Aldermen meet on the first and third Tuesday of each month at 6:00 p.m. in the City Hall Board Room.

## **Water Conservation Tips**

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference – try one today and soon it will become second nature.

- Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit [www.epa.gov/watersense](http://www.epa.gov/watersense) for more information.

## **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 City of Richland 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>.

## **Additional Fluoride Information**

To comply with the “Regulation Governing Fluoridation of Community Water Supplies”, the CITY OF RICHLAND is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 10. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 67%.

## Closing Statement

We at the City of Richland work 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.

## Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

<u>Contaminants</u>	<u>MCLG</u> or <u>MRDLG</u>	<u>MCL,</u> <u>TT, or</u> <u>MRDL</u>	<u>Your</u> <u>Water</u>	<u>Range</u> <u>Low</u>   <u>High</u>		<u>Sample</u> <u>Date</u>	<u>Violation</u>	<u>Typical Source</u>
<b>Disinfectants &amp; Disinfectant By-Products</b>								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4	1.93	0.80	1.93	2010	No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	NA	60	30	NA		2010	No	By-product of drinking water disinfection
TTHMs [Total Trihalomethanes] (ppb)	NA	80	55.79	NA		2010	No	By-product of drinking water disinfection
<b>Inorganic Contaminants</b>								
Barium (ppm)	2	2	0.0029	0.0008	0.0029	2010	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	3	2	3	2010	No	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride (ppm)	4	4	0.951	0.749	0.951	2010	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your</u> <u>Water</u>	<u>Sample</u> <u>Date</u>	<u># Samples</u> <u>Exceeding AL</u>	<u>Exceeds</u> <u>AL</u>	<u>Typical Source</u>	
<b>Inorganic Contaminants</b>								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.2	2010	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	1	2010	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	

<b>Unit Descriptions</b>	
<b>Term</b>	<b>Definition</b>
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

<b>Important Drinking Water Definitions</b>	
<b>Term</b>	<b>Definition</b>
MCLG	MCLG: Maximum Contaminant Level Goal: 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.
MCL	MCL: Maximum Contaminant Level: 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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. 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.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

**For more information please contact:**

Contact Name: Glen Thomas  
Address:  
P. O. Box 180309  
Richland, MS 39218  
Phone: 601-932-3000  
Fax: 601-932-9229  
E-Mail: [gthomas@richlandms.com](mailto:gthomas@richlandms.com)  
Website: [www.richlandms.org](http://www.richlandms.org)

# AFFIDAVIT

## PROOF OF PUBLICATION

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

### STATE OF MISSISSIPPI COUNTY OF RANKIN

THIS 5TH DAY OF MAY, 2011, personally came Marcus Bowers, publisher of the Rankin County News,

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MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range Low	Range High	Sample Date	Violation	Typical Source
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Evidence that addition of a disinfectant is necessary for control of microbial contaminants)							
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<b>Inorganic Compounds</b>							
2	2	0.0029	0.0008	0.0029	2010	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
100	100	3	2	3	2010	No	Discharge from steel and pulp mills; Erosion of natural deposits
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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

2010 DRINKING WATER QUALITY REPORT

CITY OF RICHLAND

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

Vol 163 No. 41 on the 4th day of May, 2011

*Marcus Bowers*

MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned Marcus Bowers this 5th day of May, 2011

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

PRINTER'S FEE:

6 column by 13 inch ad at \$6.50 per column inch..... \$507.00

Proof of Publication..... 3.00

TOTAL..... \$510.00



# City of Richland 2010 Drinking Water Quality Report

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Our source water assessment has been completed. Our wells were ranked MODERATE in terms of susceptibility to contamination. For a copy of the report, please contact our office at 601-932-3000.

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## How can I get involved?

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Address:  
P. O. Box 180309  
Richland, MS 39218  
Phone: 601-932-3100  
Fax: 601-932-9229  
E-Mail: [gthomas@richlandms.com](mailto:gthomas@richlandms.com)  
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103rd Richland Record, June 2011

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There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.								
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THM5 (Total Trihalomethanes) (ppb)	NA	80	55.79	NA	2010	No	By-product of drinking water disinfection.	
<b>Heavy Metals</b>								
Barium (ppm)	2	2	0.0029	0.0003	0.0029	2010	No	Discharge of drilling waste; Discharge from metal refineries; Erosion of natural deposits.
Chromium (ppb)	100	100	3	2	3	2010	No	Discharge from steel and pulp mills; Erosion of natural deposits.
Fluoride (ppm)	4	4	0.951	0.749	0.951	2010	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and chemical factories.
<b>Organic Chemicals</b>								
MCLG - action level of contaminant (ppm)								
Lead	1.5	1.3	0.2	2010	0	No	Erosion of household plumbing system; Erosion of natural deposits.	
MCL - action level of contaminant (ppm)								
Lead	0	15	1	2010	0	No	Erosion of household plumbing system; Erosion of natural deposits.	

## Important Drinking Water Definitions

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Phone: 601-932-3000  
Fax: 601-932-3279  
E-Mail: [gthomas@richlandms.org](mailto:gthomas@richlandms.org)  
Website: [www.richlandms.org](http://www.richlandms.org)





City of Richland  
P O BOX 180309  
Richland, MS 39218

# Bill for Services

WOOD, EARLINE C  
125 FLORENCE AVE  
RICHLAND MS 39218-9546

Account Number..... 12-00036-00 <sup>1646</sup>  
Billing Date..... 05/25/11 <sup>1887</sup>  
Due Date..... 06/10/11  
Delinquent Date..... 06/11/11  
Cutoff Date..... 06/20/11  
00/00/00

Business Phone: 601-939-5234

Service Description	Service Period			Meter Readings		Rate	Used	Amount "CR" Denotes Credit
	From	To	Days	Previous	Present			
WATER	04/13/11	05/16/11		738	805	R	67	12.66
SEWER						R		17.68
GARBAGE						R		10.00
SWR TREATMENT						X		14.07
Pay this amount after the 10th								\$64.41
For service located at 125 FLORENCE AVENUE								

2011 JUN -9 PM 2:52

**PAID BY BANKDRAFT**

Please pay this amount.

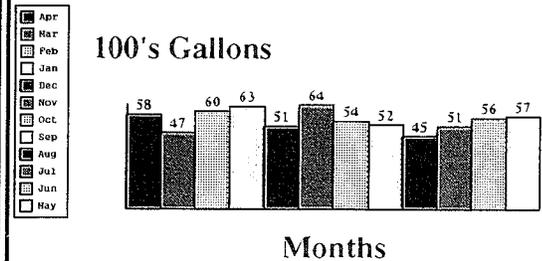
\$54.41

Pay this amount after the 10th

\$64.41

2010 ANNUAL DRINKING WATER QUALITY REPORT IS AVAILABLE AT CITY HALL BANK DRAFT AND CREDIT/DEBIT CARD SERVICES AVAILABLE IN OFFICE ONLY  
PLEASE NOTE DUE DATE JUNE 10TH\*LATE FEE \$10.00\*\*  
THE PAYMENT MUST BE RECEIVED BEFORE 5 PM ON JUNE 20TH TO AVOID THE ADDITION OF THE \$53.50 CHARGE AND SERVICE DISCONNECTION  
PLEASE MAIL EARLY TO INSURE THAT PAYMENT REACHES US ON TIME  
\*\*NOTICE\*\* \*\*\*NO REMINDER WILL BE MAILED\*\*\*  
UPDATING OUR SYSTEM PLEASE GIVE US YOUR CURRENT DAYTIME PHONE NUMBER

Your Water Usage Over The Past 12 Months



PLEASE DETACH AND RETURN BOTTOM PORTION WITH YOUR PAYMENT



City of Richland  
P O BOX 180309  
Richland, MS 39218

Return Service Requested

Customer Account Number 12-00036-00

Total Balance Due \$54.41

Pay this amount after the 10th \$64.41

Due Date 06/10/11

\*AUTO \*\*\*AUTO\*\*5-DIGIT 39218

1639 6

WOOD, EARLINE C  
125 FLORENCE AVE  
RICHLAND MS 39218-9546

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