



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

TOWN OF FLORENCE

Public Water Supply Name

PWS #0610009

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)

- XX Advertisement in local paper
On water bills
Other

Date customers were informed: 06 / 01 / 2011

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

Date Mailed/Distributed: 06 / 01 / 2011

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

Name of Newspaper:

Date Published: 06/01/2011

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

Date Posted: / /

CCR was posted on a publicly accessible internet site at 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.

[Signature] MAYOR
Name/Title (President, Mayor, Owner, etc.)

6-14-2011
Date

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

Annual Drinking Water Quality Report
Town of Florence
PWS ID # 0610009
May, 2011

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 four 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 Florence 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 Jacob Walker at 601-845-3542. 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 and third Tuesday of each month at Florence City Hall at 6:30 p.m.

The City of Florence 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 1st to December 31st, 2010. 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
Inorganic Contaminants								
10. Barium	N		.003	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N		2	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008*	0.5	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N		0.4	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	2	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Volatile Organic Contaminants								
66. Ethylbenzene	N		0.9	None	ppb	700	700	Discharge from petroleum refineries
76. Xylenses	N		3.1	None	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
Disinfectants & Disinfection By-Products								
Chlorine (as Cl ₂)	N		0.74 to 2.33	None	ppm	4	4	Water additive used to control microbes
73. TTHM [Total trihalo-methanes]	N		29	None	ppb	0	80	By-product of drinking water chlorination
HAA5	N		10	None	ppb	0	60	By-product of drinking water chlorination

* Most recent sample results available

Significant Deficiencies

During a sanitary survey conducted on 4/15/2010, the Mississippi State Department of Health cited the following significant deficiency(s):

Inadequate security measures

Corrective action: The system has installed the necessary security fencing to comply with the Mississippi State Department of Health regulations. All deficiencies are scheduled to be completed by 1/4/2011.

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 Florence 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).

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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 2ND DAY OF JUNE, 2011, 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

ANNUAL DRINKING WATER QUALITY REPORT

TOWN OF FLORENCE

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

Vol 163 No. 45 on the 1st day of June, 2011

Marcus Bowers
MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned
Marcus Bowers this 2nd day of June, 2011

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

PRINTER'S FEE:

3 column by 20 inch ad, \$6.50 per column inch..... \$390.00

Proof of publication..... 3.00

TOTAL..... \$393.00



Annual Drinking Water Quality Report Town of Florence PWS ID # 0610009 May 2011

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TEST RESULTS

Compliance Violation
MCLG
MCL
Action Level
TT
MCLG
MCL
Action Level
TT

Inorganic Contaminants

10. Barium 60000 Range ppm 22 Discharge from metal refineries; erosion of natural deposits 13. Chromium 20000 Range Ppb 100 Discharge from steel and pulp mills; erosion of natural deposits 14. Copper 20000 Range ppm 1.3 Action of household plumbing systems; erosion of natural deposits; leaching from wood preservatives 16. Fluoride 4000 Range ppm 4 Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories 17. Lead 20000 Range Ppb 15 Corrosion of household plumbing systems; erosion of natural deposits

Volatile Organic Contaminants

66. Ethylbenzene 90000 Range Ppb 7000 Discharge from petroleum refineries 66. Toluene 90000 Range Ppb 10100 Discharge from petroleum refineries; discharge from chemical factories 66. Xylenes 90000 Range Ppb 10100 Discharge from petroleum refineries; discharge from chemical factories

Disinfectants & Disinfection By-Products

Chlorine (as Cl₂) 74 to 2333 Range ppm 4 Water additive used to control microbes 23. THM (Total trihalo-methanes) 290000 Range Ppb 80000 Product of drinking water chlorination

* Most recent sample results available

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TEST RESULTS

Contaminant/Violation
YN/Date
Collected Level
Detected Range of Detects or #
of Samples Exceeding
MCL/ACL/DBP

Measurement MCL/ACL/Likely Source of Contamination
Inorganic Contaminants
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13. Chromium N/20 No Range Ppb 100100 Discharge from steel and pulp mills; erosion of natural deposits
14. Copper N/2008 *0.5 None ppm 1.3 AL-1.3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride N/0.4 No Range ppm 4 Erosion of natural deposits
water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead N/2008 *2 None ppm 0.0 AL-1.5 Corrosion of household plumbing systems; erosion of natural deposits
Volatile Organic Contaminants
66. Ethyl-benzene N/9 None ppm 300700 Discharge from petroleum refineries
76. Xylenes N/3 None ppm 1010 Discharge from petroleum factories; discharge from chemical factories
Disinfectants & Disinfection By-Products
Chlorine (as Cl₂) N/0.74 to 2.33 None ppm 4 Water additive used to control microbes
73. THM
[Total trihalo- methanes] N/9 None ppm 8080 By-product of drinking water chlorination
1A AS N/10 None ppm 6601 product of drinking water chlorination * Most recent sample results available

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2011 JUN 15 01:10:44

** INVOICE **

Rankin County News
207 East Government St.
P. O. Box 107
Brandon, MS 39043-0107
Telephone 601-825-8333

Invoice # 163962
Invoice Date 6/01/11
Due Date: 7/01/11

Bill To: City of Florence
P. O. Box 187

Deliver To: City of Florence
P. O. Box 187

Florence, MS 39073

Florence, MS 39073

Customer #: 173

Your PO:

Terms: No Discount

Service	Qty	Unit	Price	Ext-price
3 column x 20 inch ad @ \$6.50 per column inc	60.00000		6.50	390.00
Proof of Publication	1.00000		3.00	3.00
Drinking Water Quality Report			TOTAL	393.00
			Sales Tax	0.00
			BALANCE DUE --->	393.00

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