

TOWN OF FLORENCE

Public Water Supply Name

0610009

PWS ID # ('s):

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 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. **Since this is the first year of electronic delivery, we request you mail or fax a hard copy of the CCR and Certification Form to MSDH. Please check all boxes that apply.**

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 (attach copy of advertisement)
- On water bills (attach copy of bill)
- E-mail message (MUST Email the message to the address below)
- Other _____

Date customers were informed: 5 / 8 / 13 . / / . / /

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used

Date mailed/distributed: _____ / /

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

Name of Newspaper: _____
Date Published: _____ / /

CCR was posted in public places. *(Attach list of locations)* Date posted: _____ / /

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

CERTIFICATION:

I hereby certify that the 2012 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.

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

5/17/13
Date

Larry Poynor, Mayor

This Consumer Confidence Report (CCR) was completed by MS Cross Connection, LLC with information provided by the above Public Water System and is certified only to be as true & correct as the information provided.

Susan Bayette
Signature

5-6-13
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

Annual Drinking Water Quality Report **2013 MAY 21 AM 8: 18**
Town of Florence
PWS ID # 0610009
May, 2013

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 Town of Florence's 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 low 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 City Hall at 6:30 p.m.

The Town 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, 2012. 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	2011*	0.0011 7	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2011*	1.16	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2011*	0.4	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011*	0.161	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*	3	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Volatile Organic Contaminants								
76. Xylenes	N		1.51	None	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories
Disinfectants & Disinfection By-Products								
Chlorine (as Cl ₂)	N	1/1/12 to 12/31/12	1.60	0.50 to 2.50	ppm	4	4	Water additive used to control microbes
73. TTHM [Total tri-halomethanes]	N		55	None	ppb	0	80	By-product of drinking water chlorination
HAA5 [Haloacetic acids]	N		34	None	ppb	0	60	By-product of drinking water chlorination

* Most recent sample results available

*****APRIL 1, 2013 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. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rules. If you have any questions, please contact Karen Walters, Director of Compliance and Enforcement, Bureau of Public Water Supply, at 601-576-7518.

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 Town 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).

This report being published in the newspaper will not be mailed. Please call our office if you would like a copy or have questions.

AFFIDAVIT

PROOF OF PUBLICATION

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

STATE OF MISSISSIPPI
COUNTY OF RANKIN

THIS 8TH DAY OF MAY, 2013, personally came Marcus Bowers, publisher of the Rankin County News,

Annual Drinking Water Quality Report
Town of Florence
PWS ID # 0610009
May 2013

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 Town of Florence's water supply to determine the overall susceptibility of our drinking water to identify potential sources of contamination. The water supply for the Town of Florence received allow to be published in Rankin County News.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report concerning your water utility, please contact Jacob Walker at 601-645-3342. 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 City Hall at 6:30 p.m.

The Town 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, 2012. 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 adverse health effects. MCLGs allow for a margin of safety.

BEST RESULTS										
Contaminant	Violation Y/N	Observed Concentration	Health Based MCL	Health Based MCLG	Health Based AL	Units	Measurement Frequency	MCL	MCLG	Level of Potential Contamination
Inorganic Contaminants										
10. Barium	N	2011*	0.0014	None	None	ppm	2	2	None	2 Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2011*	0.1	None	None	ppm	2	100	None	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2011*	1.3	None	None	ppm	15	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011*	0.161	No Range	None	ppm	4	4	None	Erosion of natural deposits; water additive which promotes strong tooth discharge from fertilizer and aluminum factories
27. Lead	N	2011*	3	None	None	ppb	90	15	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Volatile Organic Contaminants										
26. Xylenes	N	2011*	0.51	None	None	ppm	10	10	None	Discharge from petroleum refineries; discharge from chemical factories
Disinfectants & Disinfection By-Products										
Chlorine (as Cl ₂)	N	1/12/12 to 7/23/12	2.60	0.10 to 2.50	None	ppm	14	4	None	Water additive used to control microbes
THM5 (Total Trihalomethanes)	N	2011*	0.1	0.1	None	ppm	90	0.1	None	Byproduct of drinking water chlorination
HAAs (Total Haloacetic Acids)	N	2011*	0.1	0.1	None	ppm	90	0.1	None	Byproduct of drinking water chlorination

****APRIL 1, 2013 MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING****
In accordance with the Radiological Emergency Response Plan, an advisory public water supply was required to sample quarterly for radionuclides beginning January 2013. The Town of Florence is currently sampling by the scheduled schedule however, pending an audit of the Mississippi State Department of Health (MSDH) Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analysis and reporting of radiological sampling results and you should receive notice. Although this was not the result of an action by the public water supply, MSDH is required to issue a violation. This is to notify you that as of this date, your water system has completed all monitoring requirements and is now in compliance with the Radiological Rules. If you have any questions, please contact Kristen Walters, Director of Compliance and Enforcement, Bureau of Public Water Supply, at 601-576-7518.

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 Town of Florence is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When our 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 (MSDH) Health Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7518 if you wish to have your water tested.

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 165 No. 42 on the 8th day of May, 2013

Marcus Bowers
MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned Marcus Bowers this 8th day of May, 2013

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

PRINTER'S FEE:
3 column by 16 inch \$336.00
Proof of Publication 3.00
TOTAL \$339.00



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. Immunocompromised 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 protozoa and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

This is to certify that the above has been published in the newspaper within the time specified. Please call our office if you would like a copy of this affidavit.

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

Invoice # 178684
Invoice Date 5/08/13
Due Date: 6/07/13

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
Drinking Water Quality Report	48.00000		7.00	336.00
Proof of Publication	1.00000		3.00	3.00
			TOTAL	339.00
			Sales Tax	0.00
			BALANCE DUE --->	339.00

RECEIVED

MAY 14 2013

RECEIVED - WATER SUPPLY
2013 MAY 21 AM 8:18