

# 2008 Drinking Water Quality Report

Providence Water Association

PWS ID# 0190004

Corrected Copy

RECEIVED-WATER SUPPLY

2009 JUN 29 AM 9:41

APPROVED

## Is my water safe?

Last year, we conducted tests for more than 80 contaminants. While none of these contaminants were at levels higher than the EPA allows, we did receive notice of a previous Monitoring Violation for failing to collect and / or submit MRDL samples for March and July of 2006. Additionally, due to an audit of the Mississippi State Department of Health Radiological Laboratory by the US Environmental Protection Agency, all public water systems in Mississippi including Providence Water Association incurred a Reporting Violation although this was not the result of inaction by the water system. For more information see the paragraph marked **Violations** at the end of this report. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

## Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-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 one well located approximately five miles south of Highway 98. This well draws water from the Miocene Aquifer.

## Source water assessment and its availability:

Our source water assessment has been prepared by the Mississippi State Department of Environmental Quality and is available for review at our office.

## 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 Safe Drinking Water Hotline (800-426-4791).

## How can I get involved?

Our monthly board meetings are held on the second Monday of each month at 5:30 p.m. at the Franklin County Water Office. We encourage all customers who have any concerns or questions to meet with us. Our association conducts its annual membership meeting on first Monday in February each year at 6:00 p.m. at the Franklin County Water Office. This is a very important meeting in which all customers are encouraged to attend.

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You may want additional information about your drinking water. You may contact our certified waterworks operator or you may prefer to log on to the Internet and obtain specific information about your system and its compliance history at the following address: <http://www.msdh.state.us/watersupply/index.htm> Information including current and past boil water notices, compliance and reporting violations, and other information pertaining to your water supply including "Why, When, and How to Boil Your Drinking Water" and "Flooding and Safe Drinking Water" may be obtained.

### Providence Water Association

#### Contact Information:

Jimmy Brown, Certified Operator  
P.O. Box 716  
Meadville, MS 39653  
(601) 384-2046

# 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 Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

**Terms and Abbreviations used in tables:**

**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:** 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.

**AL :** Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Units Description:**

**ppm:** parts per million, or milligrams per liter (mg/l)

**ppb:** parts per billion, or micrograms per liter (µg/l)

**pCi/l:** picocuries per liter (a measure of radioactivity)

Contaminants	MCLG	MCL,	Your	Range		Date	Violation	Typical Source
	or	TT, or		Low	High			
	MRDLG	MRDL	Water					
<b>Disinfectants &amp; Disinfection 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	1.58	0.80	2.50		No	Water additive used to control microbes
TTHMs [Total Trihalomethanes] (ppb)	80	80	36.89	NA	36.89		No	By-product of drinking water disinfection
<b>Inorganic Contaminants</b>								
Barium (ppm)	2	2	0.002	NA	0.002		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
<b>Radioactive Contaminants</b>								
Alpha emitters (pCi/L)	0	15	1.8	NA	1.8	2002	No	Erosion of natural deposits
Beta/photon emitters (pCi/L)	0	50	1.4	NA	1.4	2002	No	Decay of natural and man-made deposits. The EPA considers 50 pCi/L to be the level of concern for Beta particles.

Contaminants	MCLG	AL	Your	Sample	# Samples	Exceeds	Typical Source
			Water	Date	Exceeding	AL	
<b>Inorganic Contaminants</b>							
Copper - action level at consumer taps (ppm)	1.3	1.3	0.20	2007	0	No	Corrosion of household plumbing
Lead - action level at consumer taps (ppb)	0	15	7	2007	0	No	Corrosion of household plumbing

**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. Providence 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 want to have your water tested.

**Other Violations:**

**Monitoring Violation** - EPA and MSDH sets minimum monitoring schedules that drinking water systems must follow. We failed to monitor and / or submit required samples for testing of Maximum (Chlorine) Residual Disinfectant Level (MRDL) during March and July of 2006.

**Reporting Violation** - Regulations require that drinking water systems submit certain reports to MSDH as well as notify its customers of potential problems and other information.

**\*\*\*\*\* 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 the 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.

**CCR Rule Notification Requirement:**

The publication of the 2008 Providence W.A. Annual Drinking Water Quality Report (Consumer Confidence Report) fully complies with the USEPA and MDH CCR Rule Requirements. Copies of this report WILL NOT be mailed to customers except by request., but notice of correction will be printed on billing cards going out on June 29, 2009. Copies may also be picked up at the Franklin County W.A. Office.

7/11/09 9:05

APPROVED

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

PROVIDENCE WATER ASS'N

Public Water Supply Name

0190004

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: 6/18/09

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: FRANKLIN ADVOCATE

Date Published: 6/18/09

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. 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.

Brenda Lofgren, OFS Mgr.
Name/Title (President, Mayor, Owner, etc.)

6-11-09
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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570 East Woodrow Wilson • Post

601/576-7634 • Fax 601/576-7931 • www.providencymw.com

Equal Opportunity in Employment/Service

# 2008 Drinking Water Quality Report

continued from preceding page

<b>Contaminants</b>	<b>MCLG or MRDLG</b>	<b>MCL, TT, or MRDL</b>	<b>Your Water</b>	<b>Range Low High</b>		<b>Date</b>	<b>Violation</b>	<b>Typical Source</b>
<b>Disinfectants &amp; Disinfection By-Products</b> (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
TTHMs [Total Trihalomethanes] (ppb)	80	80	36.89	NA	36.89		No	By-product of drinking water disinfection
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Barium (ppm)	<b>CCR Rule Notification Requirements</b>	2	0.002	NA	0.002		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
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<b>Contaminants</b>	<b>MCLG</b>	<b>AL</b>	<b>Your Water</b>	<b>Sample Date</b>	<b># Samples Exceeding</b>	<b>Exceeds AL</b>	<b>Typical Source</b>	
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# Proof of Publication

STATE OF MISSISSIPPI  
FRANKLIN COUNTY

COPY OF NOTICE

Before me, the undersigned authority in and for the County and State aforesaid, this day personally appeared

Mrs. David West

who being duly sworn, states on oath that he is the Publisher of the Franklin Advocate, a weekly newspaper published in the town of Meadville, Franklin County, Mississippi, with a general circulation in said County, and that the publication of the notice, a copy of which is hereto attached, has been made in said newspaper 1 times at weekly intervals in the regular entire issue of said newspaper for the consecutive numbers and dates thereof hereinafter named to-wit:

Vol. 22 No. 41 on the 18 day of June 2009

Vol. \_\_\_\_\_ No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Vol. \_\_\_\_\_ No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Vol. \_\_\_\_\_ No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Vol. \_\_\_\_\_ No. \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Affiant further states on oath that the said newspaper has been established for twelve months next prior the first publication of said notice.

Mrs. David West

Publisher

Sworn to and subscribed before me this the 19<sup>th</sup> day of June 2009.

Jill J. Gilbert, a Notary Public, PE

My Commission Expires  
January 7, 2012

Notary Public

(SEAL)

# 2008 CCR Contact Information

Date: 6/22/09

Time: 3:40

PWSID: 190004

System Name: Providence

Lead/Copper Language

MSDH Message re: Radiological Lab

MRDL Violation

Chlorine Residual (MRDL) RAA

Other Violation(s) \_\_\_\_\_

Will correct report & mail copy marked "corrected copy" to MSDH.

Will notify customers of availability of corrected report on next monthly bill.

Brenda will do corrected copy and fax us  
a copy and notify customers of available  
corrected report on the water bill.

Spoke with Brenda Lofton  
(Operator, Owner, Secretary)

601 384-2046

Fax not legible, mailing the original 6/26/09.

Fax Cover Sheet

FRANKLIN CO. WATER ASSN.  
P.O. BOX 716  
MEADVILLE, MS 39653  
601-384-2046

Fax/ 601-384-2013

Send to: <i>MSDH WATER SUPPLY</i>	From: <i>BRENDA</i>
Attention: <i>JESSIE</i>	Date: <i>6-26-09</i>
Office Location:	Office Location:
Fax Number:	Phone Number:

Urgent

Please review

Enc your information

Total pages, including cover: *4*

Comments:

*RE: CORRECTED CLR FOR  
PROVIDENCE WATER  
TICK # 0100011*

**2000 Drinking Water Quality Report**  
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Our monthly board meetings are held on the second Monday of each month at 5:30 p.m. at the Franklin County Water Office. We encourage all customers who have any concerns or questions to meet with us. Our association conducts its annual membership meeting on first Monday in February each year at 6:00 p.m. at the Franklin County Water Office. This is a very important meeting in which all customers are encouraged to attend.

### Other information:

You may want additional information about your drinking water. You may contact our certified waterworks operator or you may prefer to log on to the Internet and obtain specific information about your system and its compliance history at the following address: <http://www.msdh.state.us/watersupply/index.htm> Information including current and past boil water notices, compliance and reporting violations, and other information pertaining to your water supply including "Why, When, and How to Boil Your Drinking Water" and "Flooding and Safe Drinking Water" may be obtained.

**Providence Water Association**  
**Contact Information:**

Jimmy Brown, Certified Operator  
P.O. Box 716  
Franklin, MS 38862  
(601) 384-2046

## 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 Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

**Terms and Abbreviations used in tables:**

**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:** 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.

**AL:** Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Units Description:**

**ppm:** parts per million, or milligrams per liter (mg/l)

**ppb:** parts per billion, or micrograms per liter (µg/l)

**pCi/l:** picocuries per liter (a measure of radioactivity)

Contaminant	MCLG		MCL		Range		Date	Violation	Federal Source
	ppm	ppb	ppm	ppb	Low	High			
Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4	1.58	0.80	2.50		No	Water additive used to control microbes	
THMs [Total Trihalomethanes] (ppb)	80	80	36.89	NA	36.89		No	By-product of drinking water disinfection	
Barium (ppm)	2	2	0.002	NA	0.002		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	
Alpha emitters (pCi/L)	0	15	1.8	NA	1.8	2002	No	Erosion of natural deposits	
Beta/Photon emitters (pCi/L)	0	50	1.4	NA	1.4	2002	No	Decay of natural and man-made deposits. The EPA considers 50 pCi/L to be the level of concern for Beta particles.	

Contaminant	MCLG		MCL		Year Sample Date	# Samples Exceeding	Exceeds AL	Federal Source
	ppm	ppb	ppm	ppb				
Copper - action level at consumer taps (ppm)	1.3	1.3	0.20		2007	0	No	Corrosion of household plumbing
Lead - action level at consumer taps (ppb)	0	15	7		2007	0	No	Corrosion of household plumbing

**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. Providence 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 want to have your water tested.

**Other Violations:**

**Monitoring Violation** - EPA and MSDH sets minimum monitoring schedules that drinking water systems must follow. We failed to monitor and / or submit required samples for testing of Maximum (Chlorine) Residual Disinfectant Level (MRDL) during March and July of 2006.

**Reporting Violation** - Regulations require that drinking water systems submit certain reports to MSDH as well as notify its customers of potential problems and other information.

**\*\*\*\*\* 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 the 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.

**CCR Rule Notification Requirement:**

The publication of the 2008 Providence W.A. Annual Drinking Water Quality Report (Consumer Confidence Report) fully complies with the USEPA and MDH CCR Rule Requirements. Copies of this report WILL NOT be mailed to customers except by request, but notice of correction will be printed on billing cards going out on June 29, 2009. Copies may also be picked up at the Franklin County W.A. Office.

# 2008 CCR Contact Information

Date: 6/22/09

Time: 3:40

APPROVED

PWSID: 190004

System Name: Providence

Lead/Copper Language

MSDH Message re: Radiological Lab

MRDL Violation

Chlorine Residual (MRDL) RAA

Other Violation(s) \_\_\_\_\_

Will correct report & mail copy marked "corrected copy" to MSDH.

Will notify customers of availability of corrected report on next monthly bill.

Brenda will do corrected copy and fax us  
a copy and notify customers of available  
corrected report on the water bill.

Spoke with Brenda Lofton  
(Operator, Owner, Secretary)

601 384-2046  
601 384-2013 fax #