

2009-06-18 09:03

APPROVED

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

FRANKLIN COUNTY WATER ASSN
Public Water Supply Name

0190008, 0190009, 0190010, 0190014, 0190015
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: ___ / ___ / ___

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.

Brendan Lofton
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

2008 Drinking Water Quality Report

Franklin County Water Association

Is my water safe?

Last year, we conducted tests for more than 80 contaminants. We only detected 1 of those contaminants (Copper) at a level higher than the EPA allows only on the Hamburg System. This year, we also received notice of a previous Monitoring Violation for failing to collect and / or submit MRDL samples for all of our water systems in July 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 Franklin County 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. 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 various groundwater sources. Please look below to find the distribution system that serves you to determine where your water comes from. If you have any questions about which distribution system serves you, please contact our office.

Distribution System	PWS ID Number	Well Number	Source
Oldenburg	0190008	190008-01	Catahoula Formation Aquifer
South Meadville	0190009	190009-01	Catahoula Formation Aquifer
Berrytown	0190010	190010-01	Miocene Series Aquifer
Pleasant Valley	0190014	190014-01	Miocene Series Aquifer
Hamburg	0190015	190015-01	Miocene Series 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 first 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 the third Thursday of September each year at 7:00 p.m. at our 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.

Franklin County 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)

Oldenburg System (0190008)

Contaminants	MCLG	MCL,	Your	Range		Sample	Violation	Typical Source
	or	TT, or		Low	High			
	MRDLG	MRDL	Water			Date		
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as Cl ₂) (ppm)	4	4	1.72	0.85	2.75		No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	60	60	32	NA	32		No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	80	80	33.28	NA	33.28		No	By-product of drinking water disinfection
Inorganic Contaminants								
Barium (ppm)	2	2	0.002	NA	0.002		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Radioactive Contaminants								
Alpha emitters (pCi/L)	0	15	1	NA	1	2002	No	Erosion of natural deposits
Beta/photon emitters (pCi/L)	0	50	0.3	NA	0.3	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
Inorganic Contaminants							
Copper - action level at consumer taps (ppm)	1.3	1.3	0.015		0	No	Corrosion of household plumbing
Lead - action level at consumer taps (ppb)	0	15	4		0	No	Corrosion of household plumbing

South Meadville System (0190009)

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range Low High		Sample Date	Violation	Typical Source
	Disinfectants & Disinfection By-Products							
Chlorine (as Cl ₂) (ppm)	4	4	1.57	0.90	1.65		No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	60	60	10	NA	10		No	By-product of drinking water
TTHMs [Total Trihalomethanes] (ppb)	80	80	57.4	NA	57.4		No	By-product of drinking water
Inorganic Contaminants								
Barium (ppm)	2	2	0.002	NA	0.002		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Radioactive Contaminants								
Alpha emitters (pCi/L)	0	15	1	NA	1	2002	No	Erosion of natural deposits
Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source	
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.2		0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	3		0	No	Corrosion of household plumbing systems; Erosion of natural deposits	

Berrytown System (0190010)

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range Low High		Sample Date	Violation	Typical Source
	Disinfectants & Disinfection By-Products							
Chlorine (as Cl ₂) (ppm)	4	4	1.58	0.50	2.00		No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	60	60	17.1	NA	17.1		No	By-product of drinking water chlorination
Inorganic Contaminants								
Barium (ppm)	2	2	0.046	NA	0.046		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Nitrate [measured as Nitrogen] (ppm)	10	10	0.20	NA	0.20		No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source	
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.015		0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	1		0	No	Corrosion of household plumbing systems; Erosion of natural deposits	

Pleasant Valley System (0190014)

<u>Contaminants</u>	<u>MCLG</u> or	<u>MCL,</u> <u>TT, or</u>	<u>Your</u>	<u>Range</u>		<u>Sample</u>	<u>Violation</u>	<u>Typical Source</u>
	<u>MRDL</u>	<u>MRDL</u>	<u>Water</u>	<u>Low</u>	<u>High</u>	<u>Date</u>		
Disinfectants & Disinfection By-Products								
Chlorine (as Cl ₂) (ppm)	4	4	1.63	1.00	2.50		No	Water additive used to control microbes
TTHMs [Total Trihalomethanes] (ppb)	80	80	7.8	NA	7.8		No	By-product of drinking water disinfection
Inorganic Contaminants								
Arsenic (ppb)	NA	50	0.866	0.846	0.866		No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.083	0.082	0.083		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits

<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your</u>	<u>Sample</u>	<u># Samples</u>	<u>Exceeds</u>	<u>Typical Source</u>
			<u>Water</u>	<u>Date</u>	<u>Exceeding AL</u>	<u>AL</u>	
Inorganic Contaminants							
Lead - action level at consumer taps (ppb)	0	15	1	2007	0	No	Corrosion of household plumbing systems;

Hamburg System (0190015)

<u>Contaminants</u>	<u>MCLG</u>	<u>MCL, TT, or</u>	<u>Your</u>	<u>Range</u>		<u>Sample</u>	<u>Violation</u>	<u>Typical Source</u>
	<u>MRDL</u>	<u>MRDL</u>	<u>Water</u>	<u>Low</u>	<u>High</u>	<u>Date</u>		
Disinfectants & Disinfection By-Products								
Chlorine (as Cl ₂) (ppm)	4	4	1.40	0.70	2.15		No	Water additive used to control microbes
Inorganic Contaminants								
Arsenic (ppb)	NA	50	0.99	NA	0.99		No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.038	NA	0.038		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	0.106	NA	0.106		No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Chromium [Total] (ppb)	100	100	1.08	NA	1.08		No	Discharge from steel and pulp mills; Erosion of natural deposits
Selenium (ppb)	50	50	0.661	NA	0.661		No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Volatile Organic Chemicals								
Xylenes (ppb)	10	10	2.47	0.65	2.47		No	Discharge from petroleum factories; Discharge from chemical factories

<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your</u>	<u>Sample</u>	<u># Samples</u>	<u>Exceeds</u>	<u>Typical Source</u>
			<u>Water</u>	<u>Date</u>	<u>Exceeding</u>	<u>AL</u>	
Inorganic Contaminants							
Copper - action level at consumer taps (ppm)	1.3	1.3	1.4		5	Yes	Corrosion of household plumbing systems;
Lead - action level at consumer taps (ppb)	0	15	8		0	No	Corrosion of household plumbing systems;

Violations and Exceedances

Copper - action level at consumer taps

Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

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. Franklin County 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 July 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. 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 is required to issue a reporting violation. MSDH takes full responsibility for this violation and will answer any questions should customers need further information by calling:

(601) 576-7618

CCR Rule Notification Requirement:

The publication of the 2008 Franklin County 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. Copies may also be picked up at our office.

Is my water safe?

Last year, we conducted tests for more than 80 contaminants. We only detected 1 of those contaminants (Copper) at a level higher than the EPA allows only on the Hamburg System. This year, we also received notice of a previous Monitoring Violation for failing to collect and / or submit MRDL samples for all of our water systems in July 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 Franklin County 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.

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Franklin County Water Association Contact Information:

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

Water Quality Data Table

2009 JUN 29 AM 9:43

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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)

Oldenburg System (0190008)

Contaminants	MCLG	MCL,	Your	Range		Sample	Violation	Typical Source
	or	TT, or		Low	High			
	MRDLG	MRDL	Water			Date		
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as Cl ₂) (ppm)	4	4	1.72	0.85	2.75		No	Water additive used to control microbes
(ppb)	60	60	32	NA	32		No	By-product of drinking water chlorination
Trihalomethanes] (ppb)	80	80	33.28	NA	33.28		No	By-product of drinking water disinfection
Inorganic Contaminants								
Barium (ppm)	2	2	0.002	NA	0.002		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Radioactive Contaminants								
Alpha emitters (pCi/L)	0	15	1	NA	1	2002	No	Erosion of natural deposits
Beta/photon emitters (pCi/L)	0	50	0.3	NA	0.3	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
Inorganic Contaminants							
Copper - action level at consumer taps (ppm)	1.3	1.3	0.015		0	No	Corrosion of household plumbing
Lead - action level at consumer taps (ppb)	0	15	4		0	No	Corrosion of household plumbing

South Meadville System (0190009)

<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>Sample</u> <u>Date</u>	<u>Violation</u>	<u>Typical Source</u>
				<u>Low</u>	<u>High</u>			
Disinfectants & Disinfection By-Products								
Chlorine (as Cl ₂) (ppm)	4	4	1.57	0.90	1.65		No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	60	60	10	NA	10		No	By-product of drinking water
TTHMs [Total Trihalomethanes] (ppb)	80	80	57.4	NA	57.4		No	By-product of drinking water
Inorganic Contaminants								
Barium (ppm)	2	2	0.002	NA	0.002		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Radioactive Contaminants								
Alpha emitters (pCi/L)	0	15	1	NA	1	2002	No	Erosion of natural deposits
<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>
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.2		0		No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	3		0		No	Corrosion of household plumbing systems; Erosion of natural deposits

Berrytown System (0190010)

<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>Sample</u> <u>Date</u>	<u>Violation</u>	<u>Typical Source</u>
				<u>Low</u>	<u>High</u>			
Disinfectants & Disinfection By-Products								
Chlorine (as Cl ₂) (ppm)	4	4	1.58	0.50	2.00		No	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	60	60	17.1	NA	17.1		No	By-product of drinking water chlorination
Inorganic Contaminants								
Barium (ppm)	2	2	0.046	NA	0.046		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Nitrate [measured as Nitrogen] (ppm)	10	10	0.20	NA	0.20		No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
<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>
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.015		0		No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	1		0		No	Corrosion of household plumbing systems; Erosion of natural deposits

Pleasant Valley System (0190014)

<u>Contaminants</u>	<u>MCLG or MRDL</u>	<u>MCL, TT, or MRDL</u>	<u>Your Water</u>	<u>Range</u> <u>Low</u> <u>High</u>		<u>Sample Date</u>	<u>Violation</u>	<u>Typical Source</u>
Disinfectants & Disinfection By-Products								
Chlorine (as Cl ₂) (ppm)	4	4	1.63	1.00	2.50		No	Water additive used to control microbes
TTHMs [Total Trihalomethanes] (ppb)	80	80	7.8	NA	7.8		No	By-product of drinking water disinfection
Inorganic Contaminants								
Arsenic (ppb)	NA	50	0.866	0.846	0.866		No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.083	0.082	0.083		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits

<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your Water</u>	<u>Sample Date</u>	<u># Samples Exceeding AL</u>	<u>Exceeds AL</u>	<u>Typical Source</u>
Inorganic Contaminants							
Lead - action level at consumer taps (ppb)	0	15	1	2007	0	No	Corrosion of household plumbing systems;

Hamburg System (0190015)

Contaminants	MCLG or MRDL	MCL, TT, or MRDL	Your Water	Range Low High		Sample Date	Violation	Typical Source
	Disinfectants & Disinfection By-Products							
Chlorine (as Cl ₂) (ppm)	4	4	1.40	0.70	2.15		No	Water additive used to control microbes
Inorganic Contaminants								
Arsenic (ppb)	NA	50	0.99	NA	0.99		No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.038	NA	0.038		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	0.106	NA	0.106		No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Chromium [Total] (ppb)	100	100	1.08	NA	1.08		No	Discharge from steel and pulp mills; Erosion of natural deposits
Selenium (ppb)	50	50	0.661	NA	0.661		No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Volatile Organic Chemicals								
Xylenes (ppb)	10	10	2.47	0.65	2.47		No	Discharge from petroleum factories; Discharge from chemical factories

Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding	Exceeds AL	Typical Source
Inorganic Contaminants							
Copper - action level at consumer taps (ppm)	1.3	1.3	1.4		5	Yes	Corrosion of household plumbing systems;
Lead - action level at consumer taps (ppb)	0	15	8		0	No	Corrosion of household plumbing systems;

Violations and Exceedances

Copper - action level at consumer taps

Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

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. Franklin County 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 July 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 Franklin Co. Water Association Annual 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 office.

2008 CCR Contact Information

Date: 6/22/09

Time: 3:40

PWSID: _____

System Name: 19/8, 19/9, 19/10, 19/14, 19/15

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 a corrected copy and fax it back
and on the water bill notify the customers of
a corrected report and where to attain it.

Spoke with Brenda Loftan
(Operator, Owner, Secretary)

601 384-2046
601 384-2013 Fax #

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 Welt

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. 122 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 Welt

Publisher

Sworn to and subscribed before me this the 19th day of JUNE 2009.

Jill W. Gilberta Knsten Temple, PE

Notary Public

(SEAL)

My Commission Expires
January 7, 2012

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)

Oldenburg System (0190008)

<u>Contaminants</u>	MCLG	MCL,	<u>Your</u>	<u>Range</u>		<u>Sample</u>	<u>Violation</u>	<u>Typical Source</u>
	or	TT, or		Low	High			
	MRDLG	MRDL	Water			Date		
Disinfectants & Disinfection By-Products								

South Meadville System (0190009)

<u>Contaminants</u>	MCLG	MCL,	<u>Your</u>	<u>Range</u>		<u>Sample</u>	<u>Violation</u>	<u>Typical Source</u>
	or	TT, or		Low	High			
	MRDLG	MRDL	Water			Date		
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Haloacetic Acids (HAA5) (ppb)	60	60	10	NA	10		No	By-product of drinking water
TTHMs [Total Trihalomethanes] (ppb)	80	80	57.4	NA	57.4		No	By-product of drinking water
Inorganic Contaminants								
Barium (ppm)	2	2	0.002	NA	0.002		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Radioactive Contaminants								
Alpha emitters (pCi/L)	0	15	1	NA	1	2002	No	Erosion of natural deposits
<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your</u>	<u>Sample</u>	<u># Samples</u>	<u>Exceeds</u>	<u>AL</u>	<u>Typical Source</u>
			<u>Water</u>	<u>Date</u>	<u>Exceeding AL</u>			
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.2		0		No	Corrosion of household plumbing
Lead - action level at consumer taps (ppb)	0	15	3		0		No	Corrosion of household plumbing

Berrytown System (0190010)

<u>Contaminants</u>	<u>MCLG or MRDLG</u>	<u>MCL, TT, or MRDL</u>	<u>Your Water</u>	<u>Range</u> <u>Low</u> <u>High</u>		<u>Sample Date</u>	<u>Violation</u>	<u>Typical Source</u>
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Haloacetic Acids (HAA5) (ppb)	60	60	17.1	NA	17.1		No	By-product of drinking water chlorination
Inorganic Contaminants								
Barium (ppm)	2	2	0.046	NA	0.046		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Nitrate [measured as Nitrogen] (ppm)	10	10	0.20	NA	0.20		No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your Water</u>	<u>Sample Date</u>	<u># Samples Exceeding AL</u>	<u>Exceeds AL</u>	<u>Typical Source</u>	
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.015		0	No	Corrosion of household plumbing	
Lead - action level at consumer taps (ppb)	0	15	1		0	No	Corrosion of household plumbing	

Pleasant Valley System (0190014)

<u>Contaminants</u>	<u>MCLG or MRDL</u>	<u>MCL, TT, or MRDL</u>	<u>Your Water</u>	<u>Range</u> <u>Low</u> <u>High</u>		<u>Sample Date</u>	<u>Violation</u>	<u>Typical Source</u>
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
TTHMs [Total Trihalomethanes] (ppb)	80	80	7.8	NA	7.8		No	By-product of drinking water disinfection
Inorganic Contaminants								
Arsenic (ppb)	NA	50	0.866	0.846	0.866		No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.083	0.082	0.083		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your Water</u>	<u>Sample Date</u>	<u># Samples Exceeding AL</u>	<u>Exceeds AL</u>	<u>Typical Source</u>	
Inorganic Contaminants								
Lead - action level at consumer taps (ppb)	0	15	1	2007	0	No	Corrosion of household plumbing systems;	

Hamburg System (0190015)

<u>Contaminants</u>	<u>MCLG</u> or <u>MRDL</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>
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Inorganic Contaminants								
Arsenic (ppb)	NA	50	0.99	NA	0.99		No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.038	NA	0.038		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	0.106	NA	0.106		No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Chromium [Total] (ppb)	100	100	1.08	NA	1.08		No	Discharge from steel and pulp mills; Erosion of natural deposits
Selenium (ppb)	50	50	0.661	NA	0.661		No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Volatile Organic Chemicals								
Xylenes (ppb)	10	10	2.47	0.65	2.47		No	Discharge from petroleum factories; Discharge from chemical 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</u>	<u>Exceeds</u> <u>AL</u>		<u>Typical Source</u>
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	1.4		5	Yes		Corrosion of household plumbing systems;
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Haloacetic Acids (HAA5) (ppb)	60	60	32	NA	32		No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	80	80	33.28	NA	33.28		No	By-product of drinking water disinfection
Inorganic Contaminants								
Barium (ppm)	2	2	0.002	NA	0.002		No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Radioactive Contaminants								
Alpha emitters (pCi/L)	0	15	1	NA	1	2002	No	Erosion of natural deposits
Beta/photon emitters (pCi/L)	0	50	0.3	NA	0.3	2002	No	Decay of natural and man-made deposits. The EPA considers 50 pCi/L to be the level of concern for Beta particles.
<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</u>	<u>Exceeds</u> <u>AL</u>		<u>Typical Source</u>
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.015		0	No		Corrosion of household plumbing
Lead - action level at consumer taps (ppb)	0	15	4		0	No		Corrosion of household plumbing