

2009 JUL -2 AM 8:49

**BUREAU OF PUBLIC WATER SUPPLY****CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**Chapman S/D North  
Public Water Supply Name420008  
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: 6/29/09

- 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: \_\_\_\_\_

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: 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.

Charles E. Brooks  
Name/Title (President, Mayor, Owner, etc.)6/26/09  
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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2009 JUL 2 AM 8:49

# Chapman S/D North Consumer Confidence Report

## Is my water safe?

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

## Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

## Where does my water come from?

We're pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been to provide you a safe and dependable supply of drinking water. Our water source is three wells that draw from the Meridian-Upper Wilcox Aquifer

## Source water assessment and its availability

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. We are pleased to report that our drinking water meets all federal and state requirements.

## Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity:

microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater

runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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

If you have any questions about this report or concerning your water utility, please contact Charles Brooks at (662) 453-8860. We want our valued customers to be informed about their water utility. If you want to learn more, please join us for our monthly meetings the first Thursday of each month at our office at 100 Meadowbrook Road. Meetings begin at 4:30 p.m. This water system routinely monitors for constituents in your drinking water according to federal and state laws. The tables below shows the results of our monitoring period from January 1 to December 31, 2008. As your water travels over 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 doesn't necessarily pose a health risk.

### **Conservation Tips**

Did you know that the average U.S. household uses approximately 350 gallons of water per day? Luckily, there are many low-cost or no-cost ways to conserve water. Water your lawn at the least sunny times of the day. Fix toilet and faucet leaks. Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath. Turn the faucet off while brushing your teeth and shaving; 3-5 gallons go down the drain per minute. Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!

### **Other Information**

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By Products Rule. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

### **A 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 Environment 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

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2009 JUL 12 AM 8:49

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

**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. Chapman S/D North 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>.

**Water Quality Data Table**

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

<u>Contaminants</u>	<u>MCLG</u>	<u>MCL,</u>	<u>Your</u>	<u>Range</u>		<u>Sample</u>	<u>Violation</u>	<u>Typical Source</u>
	<u>or</u>	<u>TT, or</u>		<u>Low</u>	<u>High</u>			
	<u>MRDLG</u>	<u>MRDL</u>	<u>Water</u>	<u>Low</u>	<u>High</u>	<u>Date</u>		

**Disinfectants & Disinfection By-Products**

(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)

Chlorine (as Cl2) (ppm)	4	4	0.55	NA		2008	No	Water additive used to control microbes
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<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	0.5	2008	0	No		Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	0.01	2008	0	No		Corrosion of household plumbing systems; Erosion of natural deposits

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

<b>Important Drinking Water Definitions</b>	
<b>Term</b>	<b>Definition</b>
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

**For more information please contact:**

Shemeka Collins

Address:

P. O. Box 8166

Greenwood, MS 38935

(662)453-8860

(662)453-3423

# 2008 CCR Contact Information

Date: \_\_\_\_\_ Time: \_\_\_\_\_

PWSID: 420008, 420009, 420014,

System Name: \_\_\_\_\_

Lead/Copper Language

MSDH Message re: Radiological Lab

MRDL Violation

Chlorine Residual (MRDL) RAA

Other Violation(s)

Nitrate monitoring via Jan-Dec 2008

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

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

Returned to Compliance Per Christi  
1/20/09

Spoke with \_\_\_\_\_  
(Operator, Owner, Secretary)

ACCOUNT NO.	SERVICE FROM	SERVICE TO
050015200	05/15	06/15

**SERVICE ADDRESS**  
112 DOGWOOD LANE

CURRENT	METER READINGS	
	PREVIOUS	USED
437650	434020	3630

CHARGE FOR SERVICES	
WTR	21.95
SWR	9.63
NET DUE >>>	31.58
SAVE THIS >>	3.16
GROSS DUE >>	34.74

RETURN THIS STUB WITH PAYMENT TO:  
E. LEFLORE WATER  
& SEWER DISTRICT  
P.O. BOX 8166  
GREENWOOD, MS 38935-8166

PRESORTED  
FIRST-CLASS MAIL  
U.S. POSTAGE  
PAID  
PERMIT NO. 8166

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	07/10/2009	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
31.58	3.16	34.74

NOTICE!! CCR'S ARE AVAILABLE  
AT OUR OFFICE UPON REQUEST

RETURN SERVICE REQUESTED

050015200  
ELLA GENTRY

112 DOGWOOD LN  
GREENWOOD MS 38930-2621

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**BUREAU OF PUBLIC WATER SUPPLY**

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Contaminants	MCLG	MCL	Year	Range		Sample Date	Violation	Typical Source
	or MRDLG	or MRDL		Low	High			

**Disinfectants & Disinfection By-Products**

(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)

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Contaminants	MCLG	AL	Year	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source
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Unit Description	Units
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For more information please contact:

Shemeka Collins

Address:

P. O. Box 1166

Greenwood, MS 38935

(662)453-1860

(662)453-423