



RECEIVED - WATER SUPPLY
2010 JUN 16 AM 9:19

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

Boswell Regional Center
Public Water Supply Name

0640013
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: 6 / 14 / 10

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: 6 / 14 / 10 Boswell Regional Center Jaquith Building Bulletin Boards

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.

Raymond Johnson
Name/Title (President, Mayor, Owner, etc.)

6/14/10
Date

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

2009 Annual Drinking Water Quality Report

Boswell Regional Center

Is my water safe?

Last year, we conducted tests for many contaminants. We only detected 3 of those contaminants, and found none a level higher than the EPA allows. 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. BRC Water is 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 source is wells # MS-GW-15272 and MS-GW-16627 located south of the power plant. Our well draws from the Miocene Aquifer.

Source water assessment and its availability

Our source water assessment has been completed. Our wells were ranked **HIGHER** in terms of susceptibility to contamination. For a copy of the report, please contact our office at 601-867-5000 ext. 75102.

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).

How can I get involved?

If you have any questions about this report or concerning your water utility, please contact **Raymond Johnson @ 601-867-5000**. 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 Monday after the third Thursday of October, December, February, April, June, and August at 9:45 a.m. in building #95 on the Boswell Regional Center Campus.**

Monitoring and reporting of compliance data violations

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. Our system meets all Federal and State requirements. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of

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. Boswell Regional Center 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.

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 or MRDLG</u>	<u>MCL, TT, or MRDL</u>	<u>Your Water</u>	<u>Range</u>		<u>Sample Date</u>	<u>Violation</u>	<u>Typical Source</u>
				<u>Low</u>	<u>High</u>			
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	1.40	1.02	1.71	2009	No	Water additive used to control microbes
Inorganic Contaminants								
Barium (ppm)	2	2	0.01	NA		2005	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Copper (ppm)	1.3	AL=1.3	0.23	0		2007	No	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Nitrite (ppm) (as Nitrogen)	10	10	0.05	NA		2009	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrate (ppm)	10	10	0.73	NA		2009	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Selenium (ppb)	50	50	ND	NA		2006	No	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Lead - action level at consumer taps (ppb)	0	AL=15	0.01	0	2007	No	Corrosion of household plumbing systems; erosion of natural deposits
Volatile Organic Contaminants							
Haloacetic Acid (ppb)			2.1	NA	2007	No	Disinfection Byproducts
Microbiological Contaminants							
Total Coliform (positive samples/month)	0	0	0	NA	2009	No	Naturally present in the environment

Unit Descriptions	
Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
positive samples/month	positive samples/month: Number of samples taken monthly that were found to be positive
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	Definition
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

Violations and Exceedances

Total Coliform

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliform was not found in any samples. We had no violations.

For more information please contact:

Gary Runnels
 Boswell Regional Center
 601-867-5000 ext. 75102
runnels@boswell.state.ms.us

RAYMOND JOHNSON
DIRECTOR

RECEIVED-WATER SUPPLY
2010 JUN 16 AM 9:12



June 14, 2010

Mississippi State Department of Health
Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

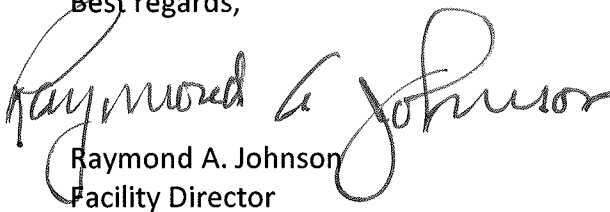
RE: Consumer Confidence Report

Dear Sir:

In compliance with the directive received from you, I am enclosing a copy of our 2010 Consumer Confidence Report and Certification Form stating that customers received a copy of said report on June 14, 2010.

Please contact me if I can be of further assistance.

Best regards,


Raymond A. Johnson
Facility Director

RAJ/vn

P. O. BOX 128 / MAGEE, MS 39111 / TELEPHONE (601) 867-5000

A MISSISSIPPI DEPARTMENT OF MENTAL HEALTH FACILITY