

**BUREAU OF PUBLIC WATER SUPPLY  
CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**

Town of Shannon  
Public Water Supply Name

0410013  
List PWS IDs 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: letter mailed with bills

Date customers were informed: 5/31/2011

CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: 5/31/2011

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

Name of Newspaper: \_\_\_\_\_

Date Published: 1/1

CCR was posted in public places. *(Attach list of locations)*

Date Posted: 1/1

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.

Ronnie Hallmark  
Name Title (President, Mayor, Owner, etc.)

7-19-11  
Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39213  
PHONE: 601-376-7913



Rec'd 5/12/11

## Annual Drinking Water Quality Report

### Town of Shannon

PWS ID: 4100013

May 12, 2011

We're very 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 to you a safe and dependable supply of drinking water. Our water source is three wells. Our wells draw from the Eutaw Formation Aquifer.

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. 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. The wells for the Town of Shannon have received lower to moderate rankings to contaminations.

I'm 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 Jamie Burrows at 662-767-3969. We want our valued customers to be informed about their water utility. If you want to learn more, please attend one of our regular meetings, on the first Tuesday night of each month at 6:00 p.m. at The Town Hall.

The Town of Shannon 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 1<sup>st</sup> to December 31<sup>st</sup>, 2010. 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.

**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.

**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

*Parts per million (ppm)* – Milligrams per liter (mg/L).

*Parts per billion (ppb)* – Micrograms per liter (ug/L).

### 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
<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)	N	2010	.5	.44-.5	Ppm	4	4	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
Barium	N	2006*	.120	.113-.120	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	N	2006*	1.8	1.0-1.8	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Copper	N	2008*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Selenium	N	2006*	1.13	.90-1.13	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Lead	N	2008*	2.0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

\*Most recent sample. No sample was required in 2010

### IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER Monitoring Requirements Not Met for TOWN OF SHANNON

Our water system recently violated a drinking water standard. Even though this was not an emergency, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct the situation.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During October 2010 we collected the required number of bacteriological samples that were total coli form negative, but due to a **clerical error** the chlorine residual was recorded in the operator logbook but was not reported on the proper paperwork causing our system to not receive credit for the 2 chlorine samples.

What should I do?

There is nothing you need to do at this time.

The table below lists the contaminant(s) we did not properly test for, how often we are required to sample, and how many samples we are required to take, how many samples were taken, when samples should have been taken, and when samples were or will be taken.

Contaminant	Required sampling frequency	Number of samples required	Number of samples taken	When all samples should have been taken
CHLORINE	MONTHLY	2	0	10/31/2010

What happened? What is being done to correct the violation?

The following specifies the corrective actions this public water supply has taken in response to this violation:

The system has been more careful in filling out the forms sent in to the Health Dept. making sure all information required is on the forms.

For more information, please contact JAMES D BURROWS, operator/RONNIE R HALLMARK, Legally Responsible Official at 662-767-3969.

This notice is being sent to you by TOWN OF SHANNON. PWS ID#0410013.

**\*\*\*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 Shannon 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 and copper testing for \$20 per sample. Please contact 601-576-7582 if you wish to have your water tested.

**Comment [MP1]:** Tom, the lab just informed us they will no longer do them separately. When they do lead, they'll do copper too and charge \$20. You can leave this sentence in or take it out all together.

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).

Your CCR will be mailed to you; however, if you know anyone who did not receive a copy please let them know to contact the Town Hall. Please call (662) 767-9747 if you have questions.