

(Revised) Annual Drinking Water Quality Report

Town of Shannon

PWS ID: 4100013

June 12, 2009

APPROVED

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 Robert Ashley at 662-386-2944. 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 1st to December 31st, 2008. 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.

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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
Inorganic Contaminants								
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
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)	N	2008	.53	.53-.71	Ppm	4	4	Water additive used to control microbes

*Most recent sample. No sample was required in 2008

***** 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 Ms. 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, MSHD 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.

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. Oak Hill 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 wish to have your water tested.

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 not be mail to you; however you can obtain a copy at the Town Hall. Please call (662)-767-9747 if you have questions.

Cockrell, Joan

From: Parker, Melissa
Sent: Thursday, July 02, 2009 8:55 AM
To: Cockrell, Joan
Subject: FW: Shannon

-----Original Message-----

From: Tom Abernathy [mailto:tomabernathy92@yahoo.com]
Sent: Wednesday, July 01, 2009 8:48 PM
To: Parker, Melissa
Subject: Shannon

You will get the cert, soon,, Tom

MP

2008 CCR Contact Information

Date: _____ Time: _____

PWSID: 4100013

System Name: Shannon

Lead/Copper Language

MSDH Message re: Radiological Lab

MRDL Violation

Chlorine Residual (MRDL) RAA

Other Violation(s) Total Coliform Rule MCL 8/08
Not in data table and health effect
language required

OK Per MP

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

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

Spoke with _____
(Operator, Owner, Secretary)

Revision approved by
Melissa Parker

RECEIVED - WATER SUPPLY

2009 AUG 10 AM 9:10

BUREAU OF PUBLIC WATER SUPPLY

**CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM**

Town of Shannon
Public Water Supply Name

0410013
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 Made Revision statement (on Bills 7-1-09)

Date customers were informed: 6/4/09

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

Date Mailed/Distributed: 1/1

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

Name of Newspaper: LEE County Courier

Date Published: 6/4/09

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 H. H. H.
Name/Title (President, Mayor, Owner, etc.)

8-7-09
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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Microbiological Contaminants								
Total Coliform Bacteria	N	Aug. 2008	Pos.	2	Ppm	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
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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 2008

The table shows that our system uncovered a problem in August 2008. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*

Usually, coliforms are a sign that there could be a problem with the treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any bacteria in our subsequent testing and feel this could have been caused by a sampling error.**

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PROOF OF PUBLICATION

STATE OF MISSISSIPPI
COUNTY OF LEE

RECEIVED-WATER SUPPLY
2009 AUG 10 AM 9: 10

Before the undersigned, a NOTARY
in and for said state and county, JIM CLARK
general manager of the

LEE COUNTY COURIER

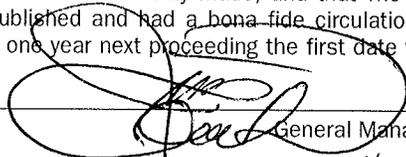
in the Town of TOPELO in said county and state, makes oath that the

WATER REPORT

of which the article hereunto attached is a true copy, was published in said newspaper as follows:

Volume 18, No. 22 Date JUNE 4 20 09
Volume _____, No. _____ Date _____ 20 _____
Volume _____, No. _____ Date _____ 20 _____
Volume _____, No. _____ Date _____ 20 _____
Volume _____, No. _____ Date _____ 20 _____

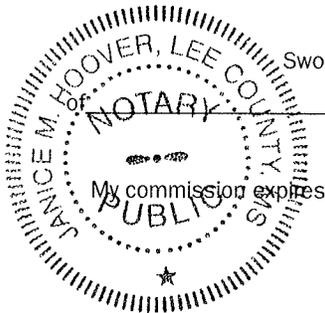
And I, hereby certify that the issues above mentioned have been examined by me, and I find the publication thereof to have been duly made, and that The Lee County Courier has been established, published and had a bona fide circulation in said city, county and state for more than one year next proceeding the first date written above.



General Manager

Sworn to and subscribed before me this the 8TH day

June, 2009
Janice M. Noones
June 10, 2009



RETURN THIS STUB WITH PAYMENT TO:

TOWN OF SHANNON UTILITIES
P.O. BOX 6
SHANNON, MS 38868

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE
PAID
PERMIT NO. 5
SHANNON, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE 07/10/2009	PAY GROSS AMOUNT AFTER DUE DATE
NET AMOUNT	SAVE THIS	GROSS AMOUNT
5.00	.50	5.50

Contact office for corrected
CCR/ with chlorine residuals.

RETURN SERVICE REQUESTED

02-0032700
BURKS HELEN
117A RICHARDSON ST
PO BOX 933
SHANNON MS 38868-0933

JUNE 4, 2009

Annual Drinking Water Quality Report

TOWN OF SHANNON

PWS ID #4100013

May 25, 2009

RECEIVED
2009 AUG 10 AM 9:10

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We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.