MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Town of Sturgis
Public Water Supply Name

S300021
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: 6/29/2010

☐ 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.

Walter S. Turner Mayor
Name/Title (President, Mayor, Owner, etc.)

6/29/2010
Date

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

570 East Woodrow Wilson • Post Office Box 1700 • Jackson, Mississippi 39215-1700
601/576-7634 • Fax 601/576-7931 • www.HealthyMS.com

Annual Drinking Water Quality Report

Town of Sturgis
PWS ID # 0530021
June 30 , 20010

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is groundwater , and our three wells draw from the ***Gordo Formation***

If you have any questions about this report or concerning your water utility, please contact Richard Vowell at(662) 465-7970. 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 Tuesday of each month at 6:30 P.M. at city hall.

The Town of Sturgis 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, 2009. 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.

Our source water assessment has been completed. Our wells were ranked **Moderate** to **Low** in terms of susceptibility to contamination. For a copy of the report, please contact our office at 662.465-7970.

To help you better understand these terms we've provided the following definitions. In this table you will find many terms and abbreviations you might not be familiar with.

Parts per million (ppm) or Milligrams per liter (mg/l) -one part per million corresponds to one minute in two years or a single penny in $10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

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								
Cadmium	N	2008*	.0001	0	ppm	5	5	Corrosion of galvanized pipe ; from metal refineries; deposits ; batteries & paint
Arsenic	N	2008*	0.001817	No Range	Ppm	n/a	10	Erosion of natural deposits ; Runoff from orchards , glass and electronics production wastes
Selenium	N	2008*	0.000855	0	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Barium	N	2008*	0.059567	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Nitrate (as Nitrogen)	N	2009	0.02	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion from natural deposits
Antimony	N	2008*	<0.0005	No Range	ppb	6	4	Discharge from petroleum ; fire retardants; ceramics;soder electronics ; test addition
Chromium	N	2008*	0.001315	No Range	Ppb	100	100	Discharge from steel and pulp erosion of natural deposits
Copper	N	2009	0.0108	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Cyanide	N	2008*	<0.005	0	ppb	200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Fluoride	N	2008*	0.867	No Range	ppm	4	4	Erosion of natural deposits; additive which water promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009	0.0007	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Mercury (inorganic)	N	2008*	<.0002	No Range	ppb	2	2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland

Beryllium	N	2008*	,0.0001	No Range	ppb	4	14	Discharge from metal refineries coal burning factories; Discharge from electrical aerospace	
Thallium	N	2008*	<0.0005	No Range	ppb	0.5	2	Discharge from electronics ; ; leaching from ore-processing	
Disinfectants & Disinfection By Products									
Chlorine [asC12]	N	2009	0.55	0.10-2.0	ppm	4	4	water additive used to control microbes	
Volatile Organic Contaminants									
Toluene	N	2009	<0.5	No Range	ppb	1000	1000	Discharge from petroleum factories	

*** Most recent sample None required in 2008 # action level exceeded**

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).

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. ABC 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.

****A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING****

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclids 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 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.

Please call our office if you have questions. 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. **This CCR report will not be mailed. A copy of this report is available at our office upon request.**

Annual Drinking Water Quality Report

Town of Sturgis
PWS ID # 0550021
June 30 , 2010

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Calcium	N	2008*	.0001	0	ppm	5	5	Corrosion of galvanized pipe ; from metal refineries deposits ; batteries & paint
Arsenic	N	2008*	0.0018 17	No Range	Ppm	n/a	10	Erosion of natural deposits ; Runoff from orchards ; glass and electronics production wastes
Selenium	N	2008*	0.0008 55	0	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Barium	N	2008*	0.0595 67	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Nitrate (as Nitro gen)	N	2009	0.02	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion from natural deposits
Antimony	N	2008*	<0.00 05	No Range	ppb	6	6	Discharge from petroleum ; fire retardants; ceramics;solder electronics ; test addition
Chromium	N	2008*	0.0013 15	No Range	Ppb	100	100	Discharge from steel and pulp erosion of natural deposits
Copper	N	2009	0.0108	0	ppm	1.3	ALe 1.3	Corrosion of household plumbing systems, erosion of natural deposits; leaching from wood preservatives
Cyanide	N	2008*	<0.00 5	0	ppb	200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Fluoride	N	2008*	0.867	No Range	ppm	4	4	Erosion of natural deposits; additive which water processes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2009	0.0007	0	ppb	0	AL= 15	Corrosion of household plumbing systems, erosion of natural deposits
Mercury [inorganic]	N	2008*	<.000 2	No Range	ppb	2	2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills; runoff from cropland

Beryllium	N	2008*	.0001	No Range	ppb	4	14	Discharge from metal refineries coal burning factories; Discharge from electrical aerospace
Thallium	N	2008*	<0.0005	No Range	ppb	0.5	2	Discharge from electronics ; ; leaching from ore-processing
Disinfectants & Disinfection By Products								
Chlorine [as Cl2]	N	2009	0.55	0.10-2.0	ppm	4	4	water additive used to control microbes
Volatile Organic Contaminants								
Toluene	N	2009	<0.5	No Range	ppb	1000	1000	Discharge from petroleum factories

* Most recent sample. No range required in 2008. # action level exceeded

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