

RECEIVED WATER SUPPLY
2010 JUN 18 PM 6:48



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

City of Indianola

Public Water Supply Name

0670006

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 / 16 / 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: ___ / ___ / ___

- CCR was posted on a publicly accessible internet site at 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.

Steve Rose
Name/Title (President, Mayor, Owner, etc.)

6/17/10
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, MS 39215-1700
601-576-8090 • 1-866-HLTHY4U • www.HealthyMS.com

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RECEIVED-WATER SUPPLY
2010 JUN 21 PM 4:36

2009 Annual Drinking Water Quality Report
 City of Indianola
 PWSID# 0670006
 May 2010

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 from five wells drawing from the Meridian Wilcox Aquifer.

Our source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify 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 City of Indianola have received a moderate susceptibility ranking to contamination.

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 Daniel Kent at 662.887.3427. 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 second and fourth Monday of each month at 7:00 PM at the City Hall.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31, 2009. In cases where monitoring wasn't required in 2009, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants 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 storm-water 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 storm-water 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 and septic systems; 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. 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 indicate that the water poses a health risk.

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

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.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

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.

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
Microbiological Contaminants								
1. Total Coliform Bacteria	Y	August	Positive	5	NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment

Radioactive Contaminants

5. Gross Alpha	N	2008*	1.14	.043 – 1.14	pCi/L	0	3	Erosion of natural deposits
6. Radium – 226 Radium - 228	N	2008*	1.67 .380	.052 – 1.67 .025 - .380	pCi/l	0	1	Erosion of natural deposits
7. Uranium ¹	N	2008*	.026	.003 - .026	µg/L	0 ¹	30 ¹	Erosion of natural deposits

Inorganic Contaminants

10. Barium	N	2006*	.014	.011-.014	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2006*	5.3	2.3 – 5.3	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
16. Fluoride **	N	2006*	.655	.547 - .655	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

Disinfection By-Products

82. TTHM [Total trihalomethanes]	N	2009	7.77	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2009	.09	.05 - .09	ppm	0	MDRL = 4	Water additive used to control microbes

* Most recent sample, no sample required in 2009

** Fluoride level is routinely adjusted to the Ms. State Dept. of Health's recommended level of 0.7-1.3 mg/l

Microbiological Contaminants:

(1) 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. Coliforms were found in more samples than allowed and this was a warning of potential problems.

Our water system violated a drinking water standard. In August of 2009, 5 out of 16 samples collected showed the presence of coliform bacteria. The system received a monitoring violation for failing to resample. We were required to pull 3 re-samples and pulled 0, therefore, cannot be sure of the quality of our drinking water during that time. We have since corrected the monitoring and testing resulting in a safe drinking water supply.

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. During March of 2009 we did not pull the required number of samples for chlorine residual levels and therefore, cannot be sure of the quality of our drinking water during that time. We were required to collect 10 samples, but we only collected 9 samples.

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. Our 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 1-800-426-4791.

We at the City of Indianola work around the clock to provide quality water to every tap. 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.

2010 JUN 18 PM 6:48

CONFIRMATION OF NOTICE

Community
(C)

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

PWS Name: City of Indianola

PWS ID #: 0670006

For Violation: MCL

Occurring on: August, 2009

The public water system indicated above hereby affirms that public notice has been provided to consumers in accordance with the delivery, content, and format requirements and deadlines given by method(s) indicated below:

Notice distributed by _____ on _____
(hand or direct delivery) (date)

Notice distributed by US Mail on 6/16/10
(mail, as a separate notice or included with the bill) (date)

Notice distributed by _____ on _____
(alternate method if applicable) (date)

[Signature]
(Signature)

Mayor
(Title)

6/17/10
(Date)

with CCR Report

2010 JUN 18 PM 6:49

CONFIRMATION OF NOTICE

Community
(C)

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

PWS Name: City of Indianola

PWS ID #: 0670006

For Violation: Resample violation

Occurring on: March 2009

The public water system indicated above hereby affirms that public notice has been provided to consumers in accordance with the delivery, content, and format requirements and deadlines given by method(s) indicated below:

Notice distributed by _____ on _____
(hand or direct delivery) (date)

With CCR Report

Notice distributed by US Mail on 6/16/10
(mail, as a separate notice or included with the bill) (date)

Notice distributed by _____ on _____
(alternate method if applicable) (date)

Steve Rosentz

(Signature)

Mayor

(Title)

6/17/10

(Date)

Company Detail	
Company Name	CITY OF INDIANOLA
Address	101 FIRST AVE PO BOX 269 INDIANOLA, MS, 38751-0269
Contact Name	CHARLOTTE KILGORE
Phone Number	(662)887-1825
Profit Indicator	P
PS Form 3607R – Mailing Transaction Receipt	
Permit Holder Permit Number	56
Permit Holder Permit Type	PI
Mailing Agent Name	
Mailing Agent Permit Number & Type	
Mail Owner Name	
Mail Owner Permit Number & Type	
Customer Reference ID	
CAPS Transaction Number	N/A
Class of Mail	Standard Mail
Processing Category	Letters
Postage Statement ID	90735701
Mailing Group ID	83060102
Total Pieces	3,845 pcs.
Weight of a single-piece	0.0216 lbs.
Total Weight	83.0520 lbs.
Total Number of Containers	6
Additional Postage	
Total Postage	\$ 1,308.78
Transaction Date	06/16/2010
Transaction Number	201016715231084M1
Transaction Adjusted?	No
Person authorizing adjustment	
Name	
Phone Number	
Accepted at	BMEU INDIANOLA - 38751-9998
Cost Center	273705-1751
Acceptance Site Mailer ID	
Clerk Initials	LT
Statement Certification Date	06/16/2010

X
City of Indianola
PO Box 269
Indianola, MS 38751

PRSRT STD US Postage Paid Permit No. 56 Indianola, MS 38751
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