

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY  
CCR CERTIFICATION FORM  
CALENDAR YEAR 2012  
City of Indianola

2013 JUL -1 AM 10: 03

Public Water Supply Name

0670006

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) 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 or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **Since this is the first year of electronic delivery, we request you mail or fax a hard copy of the CCR and Certification Form to MSDH. Please check all boxes that apply.**

Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*

- Advertisement in local paper (attach copy of advertisement)
- On water bills (attach copy of bill)
- Email message (MUST Email the message to the address below)
- Other \_\_\_\_\_

Date(s) customers were informed: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ , \_\_\_\_ / \_\_\_\_ / \_\_\_\_ , \_\_\_\_ / \_\_\_\_ / \_\_\_\_

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used \_\_\_\_\_

Date Mailed/Distributed: 6 / 24 / 2013

CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

- As a URL (Provide URL \_\_\_\_\_)
- As an attachment
- As text within the body of the email message

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 following address (**DIRECT URL REQUIRED**):

\_\_\_\_\_

**CERTIFICATION**

I hereby certify that the 2012 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. 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 Rosenthal Steve Rosenthal, Mayor  
Name/Title (President, Mayor, Owner, etc.)

6/26/13  
Date

Deliver or send via U.S. Postal Service:  
Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

May be faxed to:  
(601)576-7800

May be emailed to:  
Melanie.Yanklowski@msdh.state.ms.us



RECEIVED-WATER SUPPLY

2013 JUN -5 PM12:15

2012 Annual Drinking Water Quality Report  
 City of Indianola - PWSID# 0670006  
 May 2013

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 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 lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Jimmie Strong at 662.207.7504. 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 Annex.

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 1<sup>st</sup> to December 31, 2012. In cases where monitoring wasn't required in 2012, 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/MRDL | Unit Measure-ment | MCLG | MCL  | Likely Source of Contamination  |
| <b>Microbiological Contaminants</b> |               |                                |                                   |   |                   |      |  |   |
| 1. Total Coliform Bacteria          | N<br>Y<br>Y   | February<br>March<br>September | Positive Monitoring<br>Monitoring | 1   | NA                | 0    | presence of coliform bacteria in 5% of monthly samples | Naturally present in the environment  |
| <b>Inorganic Contaminants</b>       |               |                                |                                   |   |                   |      |  |   |
| 10. Barium                          | N             | 2010*                          | .010                              | .009-.010   | ppm               | 2    | 2  | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits                                |
| 13. Chromium                        | N             | 2010*                          | 9                                 | 2.7 - 9   | ppb               | 100  | 100  | Discharge from steel and pulp mills; erosion of natural deposits  |
| 14. Copper                          | N             | 2010*                          | .2                                | 0   | ppm               | 1.3  | AL=1.3   | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives                    |
| 16. Fluoride **                     | N             | 2010*                          | .547                              | .536 - .547   | ppm               | 4    | 4  | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |

|                                     |   |       |      |          |      |   |          |  |
|-------------------------------------|---|-------|------|----------|------|---|----------|--|
| 17. Lead                            | N | 2010* | 1    | 0        | ppb  | 0 | AL=15    | Corrosion of household plumbing systems, erosion of natural deposits |
| <b>Disinfection By-Products</b>     |   |       |      |          |      |   |          |  |
| 81. HAA5                            | N | 2012  | 13   | No Range | ppb  | 0 | 60       | By-Product of drinking water disinfection.                           |
| 82. TTHM<br>[Total trihalomethanes] | N | 2012  | 6.67 | No Range | ppb  | 0 | 80       | By-product of drinking water chlorination.                           |
| Chlorine                            | N | 2012  | .6   | .5 - .6  | mg/l | 0 | MRDL = 4 | Water additive used to control microbes                              |

\* Most recent sample, no sample required in 2012

\*\* 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.

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 February 2012 1 routine bacteriological sample tested positive for total coliform. We did not collect the required resamples within 24 hours which caused our system to not get credit for the 3 resamples. During September 2012 we did not complete all monitoring or testing for bacteriological and chlorine contaminants and therefore cannot be sure of the quality of our drinking water during that time.

What should I do? There is nothing you need to do at this time. The table below lists the contaminants(s) we did not properly test for during the September 2012, how often we are required to sample, 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 |
|-----------------|-----------------------------|----------------------------|-------------------------|---|
| BACTERIOLOGICAL | MONTHLY                     | 10                         | 2                       | 09/30/12                                |
| CHLORINE        | MONTHLY                     | 10                         | 2                       | 09/30/12                                |

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: 2 samples were rejected causing this violation notice. We will ensure all required samples are collected in a timely manner and all paperwork will be completed properly.

For more information, please contact Daniel L. Kent, operator or Steve Rosenthal, legally responsible official at 662.887.3101 or PO Box 269, Indianola, MS 38751.

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. Please contact 601.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our water system is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 1. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 63%.

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.

**\*\*\*\*\*April 1, 2013 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 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. This is to notify you that your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rule. If you have any questions, please contact Karen Walters, Director of Compliance & Enforcement, Bureau of Public Water Supply, at 601.576.7518.

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.

City of Indianola  
PO Box 269  
Indianola, MS 38751

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

2013 JUL -1 AM 10: 03

Indianola MPO  
 Indianola, Mississippi  
 387519998  
 2737860751 -0099  
 06/24/2013 (662)887-2902 09:56:48 AM

| Product Description | Sales Receipt |            | Final Price |
|---------------------|---------------|------------|-------------|
|                     | Sale Qty      | Unit Price |             |

Permit Type: Permit Imprint  
 Permit Number: 56  
 Customer Name: CITY OF INDIANOLA

Amount of Deposit: \$1,032.83  
 New Balance: \$1,033.08  
 Confirmation #: 201317509560889D

Total: \$1,032.83

Paid by:  
 Personal Check \$1,032.83

Order stamps at [usps.com/shop](http://usps.com/shop) or call 1-800-Stamp24. Go to [usps.com/clicknship](http://usps.com/clicknship) to print shipping labels with postage. For other information call 1-800-ASK-USPS.

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 Get your mail when and where you want it with a secure Post Office Box. Sign up for a box online at [usps.com/poboxes](http://usps.com/poboxes).  
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Bill#: 1000101244183  
 Clerk: 09

All sales final on stamps and postage  
 Refunds for guaranteed services only  
 Thank you for your business

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TELL US ABOUT YOUR RECENT  
 POSTAL EXPERIENCE

YOUR OPINION COUNTS  
 \*\*\*\*\*  
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Customer Copy

6710-  
Mayor's Office  
662-887-1825  
City Clerk's Office  
662-887-3101  
Police Department  
662-887-1811  
662-887-2595 (fax)  
Court Clerk  
662-887-7622

**City of Indianola**  
101 Front Street  
P.O. Box 269  
Indianola, Mississippi 38751  
Fax 662-887-6009

Fire Department  
662-887-4955  
Public Works  
662-887-3427  
Inspection Dept.  
662-887-2358  
Recreation Dept.  
662-887-4267  
Cemetery Dept.  
662-887-3895

**IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER**  
**Monitoring Requirements Not Met for CITY OF INDIANOLA**

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 February 2012 1 routine bacteriological sample(s) tested positive for total coliform. The law requires that valid resamples be collected for each positive routine sample within 24 hours. We did not collect the required resamples in a withing 24 hours which caused our system to not get credit for the 3 resamples.*

**What should I do?**

There is nothing you need to do at this time.

The table below lists the contaminant(s) we failed to resample, how many resamples we are required to take, how many resamples were taken, and when resamples should have been taken..

| Contaminant     | Number of resamples required | Number of resamples taken | When all resamples should have been taken |
|-----------------|------------------------------|---------------------------|---|
| BACTERIOLOGICAL | 3                            | 0                         | 03/08/2012                                |

**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 resamples were not pulled within 24 hours. The resamples were pulled. The results were clear.

For more information, please contact DANIEL L KENT, operator or STEVE ROSENTHAL, Legally Responsible Official at 662-887-3101 or P O BOX 269, INDIANOLA, MS 38751.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

This notice is being sent to you by CITY OF INDIANOLA. PWS ID#0670006.

Date distributed: June 21, 2013 with 2012 CCR Report

RECEIVED-WATER SUPPLY  
2013 JUL -1 AM 10:03

Mayor's Office  
662-887-1825  
City Clerk's Office  
662-887-3101  
Police Department  
662-887-1811  
662-887-2595 (fax)  
Court Clerk  
662-887-7622

**City of Indianola**  
101 Front Street  
P.O. Box 269  
Indianola, Mississippi 38751  
Fax 662-887-6009

Fire Department  
662-887-4955  
Public Works  
662-887-3427  
Inspection Dept.  
662-887-2358  
Recreation Dept.  
662-887-4267  
Cemetery Dept.  
662-887-3895

## **IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER Monitoring Requirements Not Met for CITY OF INDIANOLA**

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### **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 during the last month, how often we are required to sample, 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.

| <b>Contaminant</b> | <b>Required sampling frequency</b> | <b>Number of samples required</b> | <b>Number of samples taken</b> | <b>When all samples should have been taken</b> |
|--------------------|------------------------------------|-----------------------------------|--------------------------------|--|
| BACTERIOLOGICAL    | MONTHLY                            | 10                                | 2                              | 09/30/12                                       |
| CHLORINE           | MONTHLY                            | 10                                | 2                              | 09/30/12                                       |

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

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