



MISSISSIPPI STATE DEPARTMENT OF HEALTH  
DIVISION OF WATER SUPPLY

CALENDAR YEAR 2012 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM

City of Okolona  
(Public Water Supply Name)

0090007  
PWS ID#(s)(List ID #s for all Water Systems Covered by This CCR)

2013 SEP - 6 AM 10: 25

MISSISSIPPI STATE DEPARTMENT OF HEALTH - DIVISION OF WATER SUPPLY

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:
  - Advertisement in local paper
  - On water bills
  - Other \_\_\_\_\_

Date Customers were Informed: 8/21/13

- 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 & proof of publication)

Name of Newspaper: Okolona Messenger  
Date Published: 8/21/13

- 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, Division of Water Supply.

MAYOR  
Name/Title (President, Mayor, Owner, etc.) (Please type/print)

[Signature]  
Signature

9/3/13  
Date

Mail Completed Form to: Division of Water Supply/P.O. Box 1700/Jackson, MS 39215

2013 AUG 16 PM 4: 57

Annual Drinking Water Quality Report  
CITY OF OKOLONA  
PWS ID: 0090007  
August 8, 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 four wells. One well draws from the lower Eutaw Formation. The other three wells drawing from the Eutaw Formation.

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 City of Okolona have received a **moderate** susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Richie Cousin at 662-447-5761. 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 Tuesday and the third Monday of each month at the city auditorium at 6:30 pm.

The City of Okolona 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>, 2012. 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.

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.

**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).

**\*\*\* 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. This is to notify you that as of this date, 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.

**\*\*\*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 **City of Okolona** 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>. 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 1-800-447-5761.

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 City Hall. Please call (662)-447-5761 if you have questions.

## 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
Fluoride	N				ppm			
Fluoride	N	2011	132	128--.132	ppm	4.0	4.0	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Barium	N	7 2011	.047	.043-.047	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Nitrite	N	2008	.03	n/a	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Lead	N	2012	1.0	na	Ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Copper	N	2012	.016	na	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

### Disinfectants & Disinfection By-Products

(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)

Chlorine (as Cl <sub>2</sub> ) (ppm)	N	2012	1.20	1.10—1.30	Ppm	4	4	Water additive used to control microbes
HAA5	N	2011	5.0	No-range	Ppm	0	60.0	By-product of drinking water chlorination

\*Most recent sample no sample required in 2012

To comply with the “Regulation Governing Fluoridation of Community Water Supplies”, the City of Okolona is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 3. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 100%.

### Monitoring and reporting of compliance data violations

\*\*\* Significant Deficiencies \*\*\*

During a sanitary survey conducted on 5/20/2010, the Mississippi State Department of Health cited the following significant deficiency: Inadequate cleaning/maintenance of storage tanks

Corrective actions: The system is currently under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the repair, cleaning, and painting of the tanks. All deficiencies are scheduled to be completed by **12/31/2013**

2013 SEP -6 AM 10: 25

THE OKOLONA MESSENGER  
249 Main Street  
Okolona, MS 38860  
662-447-5501

DATE: 08/28/13

IN ACCOUNT WITH:

City of Okolona  
P.O. Box 111  
Okolona, MS 38860

Accounts are due by the 10<sup>th</sup> of the month following purchase. A finance charge of 1 3/4 % per month (ANNUAL PERCENTAGE RATE 21%) of unpaid balance will be added after due date.

DATE:	DESCRIPTION:	AMOUNT:
08/08/13	2,500 Envelopes <i>city</i>	\$ 140.00
08/14/13	Delinquent Taxes <i>city</i>	\$ 579.00
08/21/13	Delinquent Taxes <i>city</i>	\$ 579.00
08/21/13	Water Quality Report <i>water</i>	\$ 352.00
08/21,28/13	OPD Office Position <i>police</i>	\$ 104.00
08/21,28/13	Public Hearing Budget <i>city</i>	\$ 300.00
08/28/13	School Ad Valorem Tax Notice <i>city</i>	\$ 36.00
	TOTAL DUE:	<del>\$2,090.00</del>

*2,090.00*

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