

MISSISSIPPI STATE DEPARTMENT OF HEALTH
BUREAU OF PUBLIC WATER SUPPLY
CALENDAR YEAR 2012 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

RECEIVED - WATER SUPPLY
2013 MAY -9 PM 3: 38

CITY OF IUKA
Public Water Supply Name

0710006

PWS ID#(s) (List 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:

Advertisement in local paper

On water bills

Other

Date customers were informed: 5 / 01 / 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: Tishomingo County Vidette

Date Published: 4 / 25 / 2013

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 official by the Mississippi State Department of Health, Bureau of Water Supply.

Jackie Bryant, Mayor

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

Signature

Date

5 / 01 / 2013

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

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2012 Annual Drinking Water Quality Report

City of Iuka

PWS ID #0710006

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report shows the results for our monitoring for the period of January 1st to December 31st, 2012. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

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/Centers guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

Where does my water come from?

Our water source consists of four (4) wells; three that draw from the Paleozoic Aquifer and one drawing from the Fort Payne Chert Aquifer.

Source water assessment and its availability:

The 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 at our office upon request. Listed below are the ratings for the wells of the City of Iuka.

Well # 710006-01 – moderate rating on source water assessment
Well # 710006-02 – higher rating on source water assessment
Well # 710006-04 – moderate rating on source water assessment
Well # 710006-05 – lower rating on source water assessment

Why are there contaminants in my drinking water?

All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that 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 (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting 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 stormwater 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 stormwater 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, urban stormwater runoff, and septic systems; and 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. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

Please join us for our monthly meetings. Our board meets monthly on the first Tuesday night of each month at 7:00 PM at City Hall at 118 S Pearl Street. We encourage all customers with concerns or questions to meet with us.

2013 MAY -9 PM 3: 39

FOR MORE INFORMATION CONTACT:

City of luka Water Department
<i>ATTN: Josh Clingan</i>
<i>118 S Pearl Street</i>
<i>luka, MS 38852</i>
<i>Phone: 662-423-9879</i>

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 luka 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.

Monitoring and reporting of compliance data violations

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. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system passed all of these monitoring requirements. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

Significant Deficiencies

During a sanitary survey conducted on 02/15/11, the Mississippi State Department of Health cited the following significant deficiency(s):

Inadequate internal cleaning/maintenance of storage tanks

Corrective Actions: This system has entered into a Bilateral Compliance Agreement with the MSDH to correct this deficiency by 05/31/2013.

******* 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 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.

The table below list all the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA and the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

City of Iuka

PWS ID # 0710006

2012 WATER QUALITY DATA TABLE

Contaminants (units)	MCLG or MRDLG	MCL, TT, or MRDL	Your Water	Range		Sample Date	Violation	Typical Source
				Low	High			
Disinfectants & Disinfection By-Products								
Chlorine (ppm)	4	4	1.00	0.70	1.30	2012	No	Water additive used to control microbes
Inorganic Contaminants								
Barium (ppm)	2	2	0.0091	N/A	N/A	2010	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppm)	0.1	0.1	0.0011	N/A	N/A	2010	No	Discharge from steel and pulp mills; Erosion of natural deposits.
Selenium (ppm)	0.05	0.05	0.0011	N/A	N/A	2010	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Nitrate {measured as Nitrogen} (ppm)	10	10	0.17	N/A	N/A	2012	No	Runoff from fertilizer user; Leaching from septic tanks, sewage; Erosion of natural deposits
Contaminants (units)	MCLG	AL	Your Water	# Samples Exceeding AL	Exceeds AL	Sample Date	Typical Source	
Inorganic Contaminants (Lead and Copper)								
Copper (ppm)	1.3	1.3	0.5	0	No	2008	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead (ppb)	0	15	7	0	No	2008	Corrosion of household plumbing systems; Erosion of natural deposits	
Important Drinking Water Definitions								
MCLG - Maximum Contaminant Level Goal	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.							
MCL - Maximum Contaminant Level	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.							
AL - Action Level	The concentration of a contaminant which, if exceeded, triggers a treatment or other requirements which a water system must follow.							
TT-Treatment Technique	A required process intended to reduce the level of a contaminant in drinking water.							
MRDLG - Maximum Residual Disinfection Level Goal	The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.							
MRDL - Maximum Residual Disinfection 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.							
MNR - Monitored Not Regulated								
MPL - State Assigned Maximum Permissible Level								
Unit Descriptions								
ppb - Parts per billion, or micrograms per liter (ug/l)				ppm - Parts per million, or milligrams per liter (mg/l)				
pCi/L - Picocuries per liter (a measure of radioactivity)				NA - not applicable				
ND - Not detected				NR - Monitoring not required, but recommended				

Mowing and Upkeep At Fairview Community Cemetery

It is that time again for mowing and upkeep on the Fairview Community Cemetery on CR 356 (Piney Flatts) in Iuka, MS. We are asking anyone that has family buried in the cemetery to donate to the cemetery fund. Our goal is to keep the cemetery groomed monthly. The cost for mowing, weed eating, and maintaining the grounds is \$300 per month. We mow 8 to 9 times per year, and we can only do this with the donations we receive, so no donation is too small. Cemetery trustees are: James Morris, James (Jimmy) Young, James (Tommy) Smith, Richard (Ricky) Davis and Rosa Spencer.

Please mail donations to Rosa Spencer, 446 Hwy. 350, Corinth, MS 38834-1344 or call 662-287-1344 or call 662-287-7205. Thank you for your support.

2012 Annual Drinking Water Quality Report

City of Iuka
PWS ID #0710006

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City of Iuka
PWS ID # 0710006
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Contaminants (units)	MCLG or MROLO	MCL, T1, or T2 of Your Water	Range		Sample Date	Violation	Typical Source
			Low	High			
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Inorganic Contaminants							
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Nitrate (measured as Nitrogen) (ppm)	10	10	0.17	N/A - N/A	2012	No	Runoff from fertilizer use; Leaching from septic tanks, seepage; Erosion of natural deposits

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AL - Action Level	The concentration of a contaminant which, if exceeded, triggers a treatment or other requirements which a water system must follow.
TT - Treatment Technique	A required process intended to reduce the level of a contaminant in drinking water.
MROD/G - Maximum Residual Disinfection Level Goal	The level of a drinking water disinfectant below which there is no known or expected risk to health. MROD/Gs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MROD - Maximum Residual Disinfection Level	The highest level of a disinfectant allowed in drinking water. This is conveying evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR - Monitored Not Regulated	
MPL - State Assigned Maximum Permissible Level	

Unit Descriptions	
ppb - Parts per billion or micrograms per liter (ug/l)	ppm - Parts per million or milligrams per liter (mg/l)
PCDL - Picocuries per liter (a measure of radioactivity)	NR - Not applicable
ND - Not detected	NR - Monitoring not required, but recommended

RECEIVED-WATER SUPPLY

2013 MAY -9 PM 3: 35

ACCOUNT NO	SERVICE FROM	SERVICE TO
020159051	03/23	04/23

SERVICE ADDRESS

1450 WHITEHOUSE RD

CURRENT	METER READINGS		USED
	PREVIOUS		
1855	1847		8 W

CHARGE FOR SERVICES

WTR	7.50
SEW	8.50
GRB	8.50
NET DUE >>>	24.50
SAVE THIS >>	2.45
GROSS DUE >>	26.95

RETURN THIS STUB WITH PAYMENT TO:

CITY OF IUKA UTILITIES
118 S. PEARL STREET
IUKA, MS 38852

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE
PAID
PERMIT NO. 11
IUKA, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE 05/16/2013	PAY GROSS AMOUNT AFTER DUE DATE
NET AMOUNT 24.50	SAVE THIS 2.45	GROSS AMOUNT 26.95

2012 CCR IS NOW AVAILABLE
AT IUKA CITY HALL.

RETURN SERVICE REQUESTED

020159051
LENNIE BIVINS
C/O KIMBERLY SPANGLER
PO BOX 1017
IUKA MS 38852-6017



The Tishomingo County News
The Vidette
 120 West Front St. P.O. Box 70 Iuka, MS 38852
 P. 662-423-2211 F. 662-423-2214
 tcnews@bellsouth.net

Date	Invoice #
4-30-13	

RECEIVED - WATER SUPPLY
 2013 MAY -9 PM 3:38

Bill To
City of Iuka 118 S. Pearl St Iuka, MS 38852

P.O. Number	Terms

Ref.

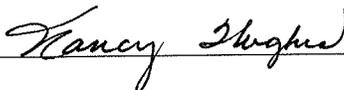
Run Date	Description	Item Code	Word Count	Rate	Amount
	Water Quality Report				
				Total	303.00

PROOF OF PUBLICATION

STATE OF MISSISSIPPI,
 COUNTY OF TISHOMINGO,

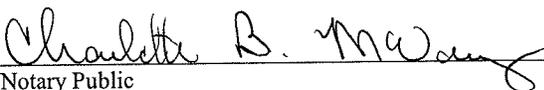
Before me the undersigned Notary of Tishomingo County, Mississippi personally appeared _____, who being by me first duly sworn, did depose and say that she is a clerk of The Tishomingo County News, a newspaper published in the city of Iuka, in Tishomingo County, Mississippi, and the publication of the notice, a copy of which is hereto attached, has been published in said paper _____ times in the following numbers and on the following dates of such paper, to wit:

In Vol. <u>129</u>	No. <u>38</u>	Dated <u>April 25,</u>	2013
In Vol. _____	No. _____	Dated _____	2013
In Vol. _____	No. _____	Dated _____	2013
In Vol. _____	No. _____	Dated _____	2013
In Vol. _____	No. _____	Dated _____	2013
In Vol. _____	No. _____	Dated _____	2013



 Clerk

Sworn to and subscribed before me this 30th day of April, AD., 2013.



 Notary Public

My Commission Expires
February 24, 2017