

2017 MAY 16 PM 12:54

MISSISSIPPI STATE DEPARTMENT OF HEALTH
BUREAU OF PUBLIC WATER SUPPLY
CALENDAR YEAR 2016 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

Tishomingo County Water District

Public Water Supply Name

0710004

PWS ID#(s) (List ID #s for all Water Systems Covered by 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. **You must mail, fax, or email a copy of the CCR and Certification 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: 4/28/17

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

Date Mailed/Distributed: ____/____/____

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

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**) Tishomingo County Water District Office

Date Posted: 4/28/17

CCR was posted on a publicly accessible internet site at the address: (**DIRECT URL REQUIRED**):

http://msrwa.org/2016ccr/tishomingo.pdf

CERTIFICATION

I hereby certify that the 2016 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.

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

05/09/17
 Date

Deliver or send via U.S. Postal Service:
Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 389215

May be faxed to:
(601)576-7800
May be emailed to:
water.reports@msdh.ms.gov

Tishomingo Co Water Distr
 P.O. Box 354
 Iuka, MS 38852-0000
 (662)423-3211 () -



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 TCWD

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TYPE OF SERVICE	METER READING		USED	CHARGES
	PRESENT	PREVIOUS		
WA	422000	419800	2200	3060
METER READ	NET DUE	AFTER THIS DATE	PAY GROSS	
042417	3060	051517	3366	

RETURN THIS PORTION WITH PAYMENT
 051517 3060 3366

PRESORTED 11491
 RETURN SERVICE REQUESTED

MICHAEL RAY
 6 CR 249
 IUKA, MS 38852

See Note on back



Important information
about your drinking
water is available in
the 2016 Consumer
Confidence Report at
[http://marwa.org/2016
ccr/tishomingo.pdf](http://marwa.org/2016
ccr/tishomingo.pdf)
You may also request a
hard copy by checking
this box or by
calling the office
at 662-423-3211.

2016 Annual Drinking Water Quality Report

Tishomingo County Water District

PWS ID #0710004

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards set for quality and safety. Local Water vigilantly safeguards its water supplies and once again we are very proud that our system has not violated a maximum contaminant level or any other water quality standard. This report shows the results for our monitoring for the period of January 1st to December 31st, 2016. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. 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 is purchased from the City of Iuka which consists of four (4) wells; three that draw from the Paleozoic Aquifer and one drawing from the Fort Payne Chert Aquifer.

4 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 where Tishomingo County Water District purchases water.

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?

We encourage all customers with concerns or questions to meet with us. Our Association meets monthly on the second Tuesday night of every month at 6:30 P.M. at the water office.

FOR MORE INFORMATION CONTACT:

Tishomingo County Water District
<i>ATTN: Ruth Ortner</i>
<i>Po Box 354; 117 E Eastport Street</i>
<i>Iuka, MS 38852</i>
<i>Phone: 662-423-3211</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. Tishomingo County Water District 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.

We routinely monitor for the presence of drinking water contaminants. We took 2 samples for coliform bacteria during May 2015. Both of those samples showed the presence of coliform bacteria. The standard is that no more than 1 sample per may show bacteria. We did not find any bacteria in our subsequent testing and further testing shows that this problem has been resolved.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", MS0710006 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 5. The percentage of fluoride collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 45%.

The table below lists 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.

PWS ID # 0710004
2016 WATER QUALITY DATA TABLE

Contaminants (units)	MCLG or MRDLG	MCL, TT, or MRDL	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Sample Date	Violation	Typical Source	
Microbiological Contaminants								
Total Coliform Bacteria **	N/A	presence of coliform bacteria in 5% of monthly samples	Positive	2	May 2015	Y	Naturally present in the environment	
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	0.90	0.80	1.10	2016	No	Water additive used to control microbes
Inorganic Contaminants								
Barium (ppm)	2	2	0.0126	N/A	N/A	2016	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	2016	No	Discharge from steel and pulp mills; Erosion of natural deposits.
Nitrate {measured as Nitrogen} (ppm)	10	10	0.15	N/A	N/A	2016	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	2014	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead (ppb)	0	15	1	0	No	2014	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 know 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. Ther 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 - Moitoring not required, but recommeded				
Violations								
(**) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as as 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.								