



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY
CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

Town of Tchula
Public Water Supply Name

0260016
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: 06/16/11

- 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 or proof of publication)
Name of Newspaper: Holmes County Herald

Date Published: 06/16/11

- CCR was posted in public places. (Attach list of locations)
Date Posted: 06/20/11 City Hall Bulletin Board

- 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, Bureau of Public Water Supply.

Annie Horton Clerk
Name/Title (President, Mayor, Owner, etc.)

6/20/2011
Date

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

2010 Annual Drinking Water Quality Report

City of Tchula PWS # 0260016

May 2011

2011 JUL -1 AM 9:20

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. The Town of Tchula vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

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 for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water source is pumped from two wells using water from the Wilcox aquifer.

Source water assessment and its availability

Our source water assessment has been conducted and is available at this time. Copies of this assessment are available at our office. For a copy of the report, please contact our office at 662-235-5112.

Why are there contaminants in my drinking water?

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

How can I get involved?

Please join us for our monthly meetings on the first Thursday of each month at City Hall. Meetings begin at 5:30 p.m.

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. Town of Tchula 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 \$10.00 per sample. Please contact 601-576-7582 if you wish to have your water tested.

Water Quality Data Table

The table below lists all of 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 or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

<u>Contaminants</u>	<u>MCLG</u>	<u>MCL,</u>	<u>Your</u>	<u>Range</u>		<u>Sample</u>	<u>Violation</u>	<u>Typical Source</u>
	<u>or</u>	<u>TT, or</u>		<u>Water</u>	<u>Low</u>			
	<u>MRDLG</u>	<u>MRDL</u>				<u>Date</u>		
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as Cl ₂) (ppm)	4	4	1.08	0.80	1.37	2010	No	Water additive used to control microbes
TTHMs [Total Trihalomethanes] (ppb)	NA	80	12.94	NA		2008	No	By-product of drinking water disinfection
Inorganic Contaminants								
Barium (ppm)	2	2	0.002543	0.002543	0.002928	2008	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	0.000952	0.000907	0.000952	2008	No	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride (ppm)	4	4	0.691	0.456	0.691	2008	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate [measured as Nitrogen] (ppm)	10	10	0.2	0.2	0.2	2010	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	0.05	0.05	0.05	2010	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your Water</u>	<u>Sample Date</u>	<u># Samples Exceeding AL</u>	<u>Exceeds AL</u>	<u>Typical Source</u>
Inorganic Contaminants							
Copper - action level at consumer taps (ppm)	1.3	1.3	0.1	2007	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	0.002	2007	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

Unit Descriptions	
<u>Term</u>	<u>Definition</u>
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
<u>Term</u>	<u>Definition</u>
MCLG	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	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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	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	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.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

MONITORING AND Reporting of Compliance Data Violations

Significant Deficiencies:

During a sanitary survey conducted on 11/19/2010, the Mississippi State Department of Health cited the following significant deficiency: Inadequate internal cleaning/maintenance of storage tanks

Corrective Action: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of health to complete the work of sandblasting and painting the elevated storage tank. All deficiencies are scheduled to be completed by 9/23/2013.

For More Information, please call Jimmie Thomas, Tchula City Hall, 662-235-5112

PROOF OF PUBLICATION

2011 JUN -1 AM 9:20

HOLMES COUNTY HERALD

LEXINGTON, MISSISSIPPI

STATE OF MISSISSIPPI, HOLMES COUNTY

Personally appeared before me, the undersigned authority, Chancery Clerk of said County and State, Bruce Hill, publisher of a public newspaper called the Holmes County Herald established in 1959 and published continuously since that date in said County and State, who, being duly sworn, deposed and said that the notice, of which a true copy is hereto annexed, was published in said paper for 1 times, as follows, to wit:

26/16

2010 Annual Drinking Water Quality Report City of Tchula PWS # 0260016 May 2011

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. The Town of Tchula vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

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Where does my water come from?

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Source water assessment and its availability

Our source water assessment has been conducted and is available at this time. Copies of this assessment are available at our office. For a copy of the report, please contact our office at 662-235-5112.

Why are there contaminants in my drinking water?

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How can I get involved?

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Contaminants	MCLG MCL		Year	Range		Sample Date	Violation	Typical Source
	or MRLG	MRDL		Low	High			
Disinfectants & Disinfection By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as Cl ₂) (ppm)	4	4	1.08	0.79	1.02	2010	No	Water additive used to control microbes
THMs (Total Trihalomethanes) (ppb)	NA	80	12.94	NA		2008	No	By-product of drinking water disinfection
Heavy Metals (Substance only)								
Barium (ppb)	2	2	0.002543	0.002543	0.002928	2006	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	0.000952	0.000907	0.000952	2006	No	Discharge from steel and pulp mills; Erosion of natural deposits
Fluoride (ppm)	4	4	0.691	0.456	0.691	2005	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Vol. 53, No. 24 the 16TH
 day of JUNE, 2011

Vol. _____, No. _____ the _____
 day of _____, 2011

Vol. _____, No. _____ the _____
 day of _____, 2011

Vol. _____, No. _____ the _____
 day of _____, 2011

Vol. _____, No. _____ the _____
 day of _____, 2011

Vol. _____, No. _____ the _____
 day of _____, 2011



Bruce Hill

Witness me at _____ Lexington, Mississippi this
 the 16TH day of JUNE, 2011

by Charles Smith Chancery Clerk D.C.
38 1/2 inches words 1 times Amount \$ 191.25

PROOF OF PUBLICATION

2011 JUN -1 AM 9:20

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STATE OF MISSISSIPPI, HOLMES COUNTY

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Where does my water come from?
Our water source is pumped from two wells using water from the Wilcox aquifer.
Source water assessment and its availability
Our source water assessment has been conducted and is available at this time. Copies of this assessment are available at our office. For a copy of the report, please contact our office at 662-335-5112.

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Contaminant	MCL		Type	Date	Value	Unit	Violation	Source
	MCLG	MCL						
Chlorine (as Cl ₂) (ppm)	4	4	1.00	0.79	1.00	2010	No	Water additive used to control microbes.
THM ₄ (Total Trihalomethanes) (ppb)	NA	10	1.24	NA	2010	No	No	By-product of drinking water disinfection.
Boron (ppm)	2	2	0.00253	0.00253	0.00253	2008	No	Discharge of drilling waste. Discharge from metal refineries. Erosion of natural deposits.
Chromium (ppb)	100	100	0.000952	0.000907	0.000952	2008	No	Discharge from steel and pulp mills. Erosion of natural deposits.
Fluoride (ppm)	4	4	0.691	0.656	0.691	2008	No	Erosion of natural deposits. Water additive which increases water hardness. Discharge from fertilizer and aluminum factories.
Nitrate as Nitrogen (ppm)	10	10	0.2	0.1	0.2	2010	No	Runoff from fertilizer use. Leaching from septic tanks, sewages. Erosion of natural deposits.
Sulfate (expressed as Nitrogen) (ppm)	1	1	0.05	0.05	0.05	2010	No	Runoff from fertilizer use. Leaching from septic tanks, sewages. Erosion of natural deposits.

Contaminant	MCLG	MCL	Other	Date	Value	Unit	Violation	Source
Copper - action level at consumer tap (ppm)	1.3	1.3	0.1	2000	0	No	Corrosion of household plumbing systems. Erosion of natural deposits.	
Lead - action level at consumer tap (ppb)	0	15	0.002	2000	0	No	Corrosion of household plumbing systems. Erosion of natural deposits.	

Witness
the _____
by *C*
2/6/16

For more information, please call Holman Thomas, Town City Hall, 662-335-5112.