

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

410015

	List PWS ID #8 for all water Systems Covered by this CCR
confide	ederal Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consumer ence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR is 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 TNSENT IN BLUS
	Date customers were informed:/_/
	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:
	Date Published:/_/
	CCR was posted in public places. (Attach list of locations)
	Date Posted:/_/
ij	CCR was posted on a publicly accessible internet site at the address: www
CERT	IFICATION .
the for	y certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in m and manner identified above. I further certify that the information included in this CCR is true and correct and is ent with the water quality monitoring data provided to the public water system officials by the Mississippi State ment of Health, Bureau of Public Water Supply.
	Tiple (President, Mayor, Owner, etc.) 7, 19.10 Date
Name/	
(Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518
	570 East Woodrow Wilson • Post Office Box 1700 • Jackson, Mississippi 39215-1700 601/576-7634 • Fax 601/576-7931 • www.HealthyMS.com

Equal Opportunity In Employment/Service

2009 **Drinking Water Quality Report**

City of Tupelo Water and Light Department

Introduction

Below you will find a copy of the Annual Consumer Confidence Report for the City of Tupelo for 2009. The Tupelo Water and Light Department gladly submits this information concerning the quality of our drinking water and what is being done to protect you. This report is provided annually to you and it is intended to increase your awareness of drinking water issues and to help you make informed decisions about your drinking water. If you have any questions or concerns about your water, please contact Greg Reed, Water and Sewer Superintendent, or me, at 841-6460.

Sincerely,

Johnny Timmons, Manager Tupelo Water and Light Department

Is my Water Safe to Drink?

In 2009 more than 900 tests were conducted for over 75 drinking water contaminants. However, none of these contaminants had an action limit higher than the EPA allows. **Your Water is Safe to Drink.** This report is a snapshot of the quality of the water we provided last year. Included are details about the source of your water, what it contains, and how it compares to Environmental Protection Agency (EPA) standards. We are committed to providing you with this information because we want you to be informed.

Do I need 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 for infections. These people should seek advise from their health care providers. EPA/Center for Disease Control guidelines on how to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline 800-426-4791.

Where does my water come from?

Your water comes from the Northeast Mississippi Regional Water Supply District and is pumped through water mains approximately 18 miles to the City of Tupelo. The source of the water is the Tombigbee River. Various chemicals are added to this surface water to remove the impurities before passing through dual media filters. After filtration, other chemicals are added, such as Chlorine for disinfection, to ensure the highest quality and safest drinking water possible.

Public Participation Opportunities

The Tupelo City Council meets on the first and third Tuesday of every month on the second floor of the Tupelo City Hall. Please feel free to participate in these meetings at any time.

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 EPA's Safe

Drinking Water Hotline 800-426-4791. The sources of drinking water, both tap water and bottled water, includes 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 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 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 agricultural, 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, urban storm-water runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result

Contaminants that may be present in source water before we treat it includes:

- Microbial contaminants, such as viruses and bacteria, which 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 and farming.
- Pesticides & Herbicides, which may come from a variety of sources such as agricultural and residential uses.
- Radioactive contaminants, which are naturally occurring.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and also can, come from gas stations, urban storm water runoff, and septic systems.

Water Quality Monitoring

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. We treat our water according to EPA's regulations. Food and Drug Administration regulations establish limits in bottled water, which must provide the same protection for public health.

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 Tupelo 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 Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

Other Information

You may want additional information about your drinking water. You may contact our certified waterworks operator, Greg Reed, Water and Sewer Superintendent, 841-6460, or you may prefer to log on to the Internet and obtain specific information about your water system and its compliance history at the following address:

http://www.msdh.state.us/watersupply/index.htm Information including current and past boiled water notices, compliance and reporting violations, and other information pertaining to your water system including "Why, When and How to Boil Your Drinking Water" and "Flooding and Safe Drinking Water" may be obtained.

Water Quality Data

The table in this report lists all the drinking water contaminants we detected during 2009 calendar year. The presence of the 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 done from testing done January 1 through December 31, 2009. The state requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

Terms & Abbreviations

- AL: Action Level the concentration of a contaminant which, when exceeded, triggers treatment or other requirements that a water system must follow.
- MCLG: Maximum Contaminant Level Goal

 the level of a contaminant in drinking
 water below which there is no known or
 expected risk to health. MCLG's allow for a margin of safety.
- MCL: Maximum Contaminant Level the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLGs as feasible using the best available treatment technology.
- MFL: million fibers per liter
- mrem/year: millirems per year (a measure of radiation absorbed by the body)
- N/A: not applicable
- nd: not detectable at testing limits
- NTU: Nephelometric Turbidity Units
- pCi/l: picocuries per liter
- ppm: parts per million or milligrams per liter (corresponds to one minute in two years)
- **ppb:** parts per billion or micrograms per liter (corresponds to one minute in 2,000 years)
- ppt: parts per trillion or nanograms per liter
- **ppq:** parts per quadrillion or pictograms per liter
- TT: Treatment Techniques a required process intended to reduce the level of contaminants in drinking water.

Substances	MCL in mg/l	MCLG	Our Water	Range of Detection	Sample Date	Violation (Y or N)	Typical Sources
		D	isinfectio	n & Disinfec	ction By-Pro	ducts	
Chlorine (as Cl2) (ppm)	4	4	1.75	1.0 – 2.5	2009	NO	Water additive used to control microbes
			Miero	biological C	ontaminant	S	
Total Coliform Bacteria	0 Positive	0	0 of 960 Tests	N/A		NO	Naturally present in the environment
			Dad	ioactive Cor	.taminants		
Beta/photon emitters	50	0	0.20	N/A	February 2002	NO	Decay of natural & man-made deposits
				Lead & Co	nner		
Lead		0	0	N/A	уррет	NO	Naturally present in the environment & from water pipes and materials
Copper		0	0	N/A		NO	Naturally present in the environment & from water pipes and materials
			Volati	le Organic C	Contaminan	ts	
TTHM's [Total trihalomethanes] (ppb)	0.080	N/A	0.0355	0.036 – 0.035 (averaged)	2009	NO	By-product of drinking water disinfection
HAA5 [Halo acetic acids] (ppb)	0.060	N/A	0.021	0.022 0.020 (averaged)	2009	NO	By-product of drinking water disinfection
(рро)	<u> </u>						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Antimony	0.0006	N/A	<0.0005	al Recovera N/A	ble Metals 2009	NO	Naturally present in the environment
Arsenic	0.005	N/A	< 0.0005	N/A	2009	NO	Naturally present in the environment
Barium	2	N/A	0.0288	N/A	2009	NO	Naturally present in the environment
Beryllium	0.004	N/A	< 0.0001	N/A	2009	NO	Naturally present in the environment
Cadmium	0.005	N/A	< 0.0001	N/A	2009	NO	Naturally present in the environment
Chromium	0.1	N/A	< 0.0005	N/A	2009	NO	Naturally present in the environment
Fluoride	4	N/A	0.927	N/A	2009	NO	Naturally present in the environmen
Mercury	0.002	N/A	< 0.0002	N/A	2009	NO	Naturally present in the environmen
Selenium	0.05	N/A	< 0.0005	N/A	2009	NO	Naturally present in the environment
Thallium	0.002	N/A	< 0.0005	N/A	2009	NO	Naturally present in the environmen
Cyanide	0.2	N/A	< 0.005	N/A	2009	NO	Naturally present in the environment

Conventional / Non-Conventional Compounds

Nitrate (as N)	10	N/A	< 0.08	N/A	2009	NO	Naturally present in the environment
Nitrite (as N)	1	N/A	< 0.02	N/A	2009	NO	Naturally present in the environment
Nitrite + Nitrite (as N)	10	N/A	< 0.1	N/A	2009	NO	Naturally present in the environment

Violations:

NONE

2009 CCR Contact Information

Date: 7/28/10 Time: 1:46
PWSID: 410015
System Name: Chlorine Residual (MRDL) RAA
Other Violation(S)
Will correct report & mail copy marked "corrected copy" to MSDH.
Will notify customers of availability of corrected report on next monthly bill.
Will to Corrected Copy and Notify Customers of Corrected Report on Water Bill.
Spoke with Oreg Red 0003-84/- 6460 (Operator, Owner, Secretary)

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Substances	MCL in mg/l	MCLG	Our Water	Range of Detection	Sample Date	Violation (Y or N)	Typical Sources		
Microbiological Contaminants									
			Microbi	iological Cont	taminants				
Total Coliform	0	0	Microbi	.,	taminants	NO	Naturally present in the		

Radioactive Contaminants

Beta/photon emitters	50	0	0.20	N/A	February	NO	Decay of natural & man-made
		1			2002		deposits

Lead & Copper

Lead	0	0	N/A	NO Naturally present in the environment
				& from water pipes and materials
Copper	0	0	N/A	NO Naturally present in the environment
				& from water pipes and materials

Volatile Organic Contaminants

TTHM's	0.080	N/A	0.0355	0.036 -	2009	NO	By-product of drinking water disinfection
[Total trihalomethanes]				0.035			disinfection
(ppb)		37/1		(averaged)	2000	1	
HAA5	0.060	N/A	0.021	0.022 -	2009	NO	By-product of drinking water
[Halo acetic acids]				0.020			disinfection
(ppb)				(averaged)			

Total Recoverable Metals

Antimony	0.0006	N/A	<0.0005	N/A	2009	NO	Naturally present in the environment
Arsenic	0.05	N/A	< 0.0005	N/A	2009	NO	Naturally present in the environment
Barium	2	N/A	0.0288	N/A	2009	NO	Naturally present in the environment
Beryllium	0.004	N/A	< 0.0001	N/A	2009	NO	Naturally present in the environment
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Violations:

NONE

CITY OF TUPELO LATER SUPPLIFICACION AUG - 4 AM 9: 23

WATER AND LIGHT DEPARTMENT

July 30, 2010

PLEASE FIND ATTACHED THE CITY OF TUPELO'S REVISED

If you HAVE ANY QUESTIONS PLEASE FEEL FREE TO CONTACT ME AT 662-841-6460.

HANKS

ACCOUNT NUMBER:	045-0930-3
CUSTOMER NAME: SERVICE ADDRESS:	GREGORY E BATES 824 CHESTER
METER READING DATE:	Jul 26 2010
DAYS BILLED:	32
TAX CODE CLASS:	INSIDE 22



Tupelo Water & Light

P.O. Box 588 320 Court St. Tupelo, MS 38802-0588 Ph. # (662) 841-6470 Fax # (662) 841-6471



To report outages or other problems: Call (662) 841-6460 PAY YOUR BILL ONLINE @ HTTPS://WWW.PAYBILL.COM/TW&L

SERVICE	PRESENT READING	PREVIOUS READING	AMOUNT USED	AMOUNT
ELECTRIC (KILOWATT HOURS) WATER (ONE UNIT = 1 CUBIC FOOT) QUALITY OF LIFE SEWER SANITATION	51448 35730	50118 35250	1330 480	\$116.62 \$10.86 \$0.14 \$9.23 \$15.97
TOTAL CURRENT CHARGES BALANCE FORWARD (PAST DUE) DIS	CONNECT PENDING			\$152.82 \$148.47

BUDGET BILLING Y-T-D DIFFERENCE Minus sign indicates a credit on your behalf

AMOUNT FROM PREVIOUS BILL	LATE CHARGES ADDED	PAYMENTS & ADJUSTMENTS	OTHER DEBITS/CREDITS	BALANCE FORWARD (PAST DUE)	CURRENT CHARGES	NET AMOUNT DUE
\$145.47	\$0.00	\$0.00	\$3.00	\$148.47	\$152.82	\$301.29

THE CITY OF TUPELO HAS A CORRECTED COPY OF THE 2009
DRINKING WATER QUAILITY REPORT AVAILABLE.IF YOU WOULD
LIKE A COPY,PLEASE CONTACT GREG REED AT 662-841-6460
OR COME BY TUPELO WATER & LIGHT DEPARTMENT AT
320 FRONT STREET.

045-0930-3 13409

A \$3.00 LATE FEE WILL BE ADDED TO YOUR ACCOUNT IF NOT PAID BEFORE LATE NOTICE IS MAILED

C	COMPARE YOUR USAGE					
PERIOD	DAYS	ELECT. KWH USED	DAILY AVG KWH	WATER C.F. USED	DAILY AVG C.F.	
CURRENT	32	1330	42	480	15.00	
LAST MONTH	30	1254	42	490	16.33	
YEAR AGO	31	1197	39	460	14.84	

PLEASE DETACH AND RETURN LOWER PORTION IF PAYING BY MAIL



POTE T

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Customer Service & Collection 320 Court St. P.O.Box 588 Tupelo, MS 38802-0588

Return Service Requested

CUSTOMER ACCOUNT NO:	045-0930-3
PREVIOUS BALANCE (Disconnect Pending) :	\$148.47
CURRENT MONTH'S CHARGE:	\$152.82
** NET AMOUNT DUE:	\$301.29

Aug 22 2010	CURRENT BILL PAST DUE AFTER :
\$0.00	SAVE THIS AMOUNT :
\$301.29	AMOUNT DUE AFTER PAST DUE DÂTE :

A previous balance added to this bill is PAST DUE and is subject to disconnection prior to the due date of this bill.

Tupelo Water & Light P.O. Box 588 Tupelo, MS 38802-0588

000000190
Infludublimum GREGORY E BATES
824 CHESTER

TUPELO MS 38804

