



## MISSISSIPPI STATE DEPARTMENT OF HEALTH

### **BUREAU OF PUBLIC WATER SUPPLY**

## CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Town of Sherman Public Water Supply Name

confi	Federal Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consumer dence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.						
Pleas	e 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: 5 /24/10						
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:						
	Date Mailed/Distributed://						
1.	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)						
	Name of Newspaper: North Mississippi Daily Journal						
	Date Published: 5/24/(0						
Ü	CCR was posted in public places. (Attach list of locations)						
	Date Posted:/_/						
i .	CCR was posted on a publicly accessible internet site at the address: www						
<u>CER</u>	<u> </u>						
the fo	by certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in orm and manner identified above. I further certify that the information included in this CCR is true and correct and is stent with the water quality monitoring data provided to the public water system officials by the Mississippi State rement of Health, Bureau of Public Water Supply.						
Nam	WM M. Monan G.A.V. 10 e/Title (President, Mayor, Owner, etc.) Date						
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518						

## **Annual Drinking Water Quality Report**

Town of Sherman PWS ID: 0580008 May 24, 2010

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is groundwater and our well's draw from the Eutaw-McShan and the Gordo Aquifers.

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. The general susceptibility rankings assigned to each well of this system are moderate susceptibility to contamination and is available for viewing upon request.

I'm pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Clint Long at (662)-840-9185. We want our valued customers to be informed about their water utility. If you want to learn more, please attend one of our regular meetings held at 7:00P.M on the first Tuesday of each month at the Town Hall.

The Town of Sherman 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>, 2009. 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.

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.

				TEST RES	SULTS	<u>.</u>		
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
	L			Disinfectants & Disinfe	ction By-Prod	ucts	1	(1 t t t - )
	(There is o	convincing e		at addition of a disinfectar				ai contaminants.)
Chlorine (as Cl2) (ppm)	N	2009	.92	.31 – 1.30	Ppm	4	4	Water additive used to control microbes
	l			Inorganic Con	taminants			
Barium	N	2009	.181	.169181	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	N	2009	.61	.5361	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Copper	N	*2007	.354	.027354	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	N	*2007	1.0	0-1.0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

<sup>\*</sup>Most recent sample. No sample was required in 2009

### \*\*\*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 Town of Sherman 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 <a href="http://www.epa.gov/safewater/lead">http://www.epa.gov/safewater/lead</a>. 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.

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 1-800-426-4791.

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).

Please call our office if you have questions.

We ask that all our customers help us protect our water sources, which are the heart of our community.

# MSDH BUREAU OF PUBLIC WATER SUPPLY MAXIMUM RESIDUAL DISINFECTANT LEVEL REPORT

COUNTY PWS ID PONTOTOC MS0580008

SYSTEM NAME TOWN OF SHERMAN DISTRIBUTION DS000

ANALYTE ANALYTE CODE BEGIN DATE

**END DATE** 

CHLORINE 0999 1/1/2009 12/31/2009

Compliance	Monitoring Period	Running Annual	Samples	Samples		
Period	Average	Average	Required	Collected	Begin Date	End Date
JAN2009	0.46 mg/L	0.51 mg/L	1	1	01/01/2009	01/31/2009
FEB2009	1.30 mg/L	0.57 <b>mg/L</b>	1	1	02/01/2009	02/28/2009
MAR2009	0.89 <b>mg/L</b>	0.62 mg/L	1	1	03/01/2009	03/31/2009
APR2009	0.33 mg/L	0.58 <b>mg/L</b>	<b>1</b>	1	04/01/2009	04/30/2009
MAY2009	0.50 mg/L	0.57 <b>mg/L</b>	1	1	05/01/2009	05/31/2009
JUN2009	0.76 <b>mg/L</b>	0.59 mg/L	1	1	06/01/2009	06/30/2009
JUL2009	0.84 mg/L	0.66 mg/L	1	1	07/01/2009	07/31/2009
AUG2009	1.24 mg/L	0.72 mg/L	1	1	08/01/2009	08/31/2009
SEP2009	1.05 mg/L	0.75 <b>mg/L</b>	1	1	09/01/2009	09/30/2009
OCT2009	1.58 mg/L	0.89 mg/L	1	1	10/01/2009	10/31/2009
NOV2009	1.33 mg/L	0.93 mg/L	1	1	11/01/2009	11/30/2009
DEC2009	0.31 mg/L	0.92 mg/L	1	1	12/01/2009	12/31/2009
		Contract of the Contract of th				

RAA = Running Annual Average RAA MCL for Chlorine = 4.0 mg/L

<sup>\* =</sup> RAA exceeds the MCL for Chlorine

#### STATE OF MISSISSIPPI , LEE COUNTY:

Personally appeared before me,	DIANNE P. POWELL	Nota	y Pul	olic,					
in and for said County and State,	, Publish	er	of a						
newspaper printed and published in the City of Tupelo, Lee County, Mississippi, called The									
Northeast Mississippi Daily Journal, w	Northeast Mississippi Daily Journal, who being duly sworn, deposes and says that the publication								
of a certain notice, a true copy of which	is hereunto attached, has been ma	ıd <sub>a</sub>							a grad et a d'a sa
weeks consecutively to-wit:			Anr	ual I	Drink	A A SHOW A COLUMN A VINCE	Fig. 8000 Start March	444 (400)	ort
Vol. 137 No. 76 Date Jun 1	5 20 10	4 Children State		100	· Du		herman 580008	84.18 SA	
Vol No Date						May 24,	2010	21000	
Vol Date	20	We're very please, services we have	to provid	e you with t	his year's A the past ye	nnual Yeter Quality ar. Our goal is and	Report. We want to always has been, t		ed about the excellent wa a safe and dependable su o Aquifers
Vol No Date	20								
Vol No Date	20	supply to identifie are susceptibility t	potential o contamu	sources of netion and I	contaminat s available	ion. The general su for viewing upon re	sceptiblity ranking quest	assigned to each	sceptibility of its drinking well of this system are
Vol. No. Date 21 Cly Tol	20					s all federal and sta eming your water u If you want to lear		Clied Long at 652 and one of our res	2-840-9185. We want our juler meetings held at 7-1
Witness my hand and seal this 15	day	The Town of Sher	nan routin	ely monitor	s for consti	tverks in your drini	dng water accordin	g to Federal and	State laws. This table sho
Of Stains & Powell									State laws. This table she land or underground, it is ces. All drenking water, in it's important to rememb ents which a water syster
My Commission expires	<del>```</del>	follow.	44						ontaminant in drinking w
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									here is convincing eviden
Count	••	addition of a disin	fectant is a	necessary fo	x control of	mkrobial contamir TEST RE			
		Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples		ig Mai ji	ikely Source of Contamina
			'''	Consected	PEGUA	Exceeding MOL/ACL	ment		
		(Te	re is conv	inaina evide	Disi	nfectants & Disinfect dition of a disinfect	tion By-Products ant is necessary for	control of microl	vial contaminants.)
		Chlorine (as C12) (ppm)	N	2009	.92	.31-1.30	Ppm 4	4 7	later additive used to cora skrobes
		Barlum	N	2009	.181	Inorganic Con .169181	Ppm 2	2 19	Nischarge of drilling wastes ischarge from metal refine rosion of natural deposits
		Chromium	n	2009	.61	\$3:.61	Pob 10	0 100 D	rosion of natural deposits isocharge from steel and o
		Copper	N	+2007	354	.027-,354	ppm 1.	3 AL=1.3 C	ischarge from steel and p nills; erosion of natural do prosion of household plum
								1	ystems; erosion of natural eposits; leaching from wo reservatives
		Lead	н	*2007	1,0	0-1.0	ppb 0	OUR DOCUMENTS OF	
			<u> </u>	l		L	1	1 6	orrosion of household plur ystems, erosion of natural eposits
		*Host recent sem	30000	40000	F	Andrional Informa	tion for Lead***		
To 36 meter 12.88	PRINTERS FEES	If present, elevat water is primarily providing bigh ou	id levels p from mate ality drinks	if lead can e erials and co no water, b	rause seriou imponents a ut cannot co	is health problems, associated with serv ontrol the variety of	especially for preg rice lines and home f materials used in	nant women and plumbing. The To plumbing compon	young children, Lead in d wn o' Sherman is respons ents. When your water ha
	_Cents per word	sitting for several water for drinking	hours, you	u con mini g. Ef you bi	nize the po e concerned	tential for lead exp about lead in your	osure by flushing y water, you may w	our top for 30 se sh to have your # Jante from the S	young children, Lead in d win of Sherman is response ents. When your water ha copds to 2 minutes belon other tested. Information side rate tested thormation side are Drinking Water Hotilin fers lead testing for \$10 pe
To Proof of Publication		http://www.epa.c pis. Please contai	ov/safewa 1 601-576	ter/lead Th -7582 if you	e Mississipp wish to ha	i State Department ve your water test	of Health Public He. sd.	eith Laboratory of	fers lead testing for \$10 po
10(81		All sources of dri- stances can be m ably be expected	niong wate crobes, in to contain	er aine subje organic or o at least sm	ct to poteni roanic chan all amounts	tial contamination i nicals and radioactiv of some contamin	by substances that ve substances. All d ants: The presence	are naturally occu rinking water, inch of contaminants :	urring or man made. This using bottled water, may r loes not necessarily indica alried by calling the Enviro
		the water pases a tal Protection Age	health ris ncy's Safe	k. More info Orinking W	rmation ab Ater Hotline	out contaminants at at 1-800-426-479	nd potential health 1	affects can be obt	alned by calling the Enviro
		as persons with c system disorders.	og more some ekk	vulnerable ergoing che erly, and inf	o concernin motherapy ints can be	ents in ormang wa persons who have particularly at risk i	icer than the general undergone organ tr from terections. The	anspiants, people se people should	nuno-compromised person with HIV/AIDS or other in seek advice about drinking cryptosporkdium and other
		from their health biological contam Please call our of	INITS ME	AVASACIO (TI	anse sara ux	s on appropriate me Drinking Water Ho	eans to lessen the ri kline 1-800-426-47	ik of infection by ( 91,	cryptosporidium and other
						water sources, whic	h are the heart of o	ur community,	
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