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APPROVED

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

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.

ADD62
ID #s for all Water Systems Covered by this CCR

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 Other Other
	Date customers were informed: 6 / 169
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed:/_/
Ø	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: The Daily 3/AR
	Date Published: 6 / 19/09
&	CCR was posted in public places. (Attach list of locations)
	Date Posted: 6 18108 City Billing Office
I	CCR was posted on a publicly accessible internet site at the address: www
CERTI	<u>IFICATION</u>
the forr consiste Departr	y certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in 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.
Name/	Title (President) Mayor, Owner, etc.) Delegation of the state of the
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215

Phone: 601-576-7518

2008 Annual Drinking Water Quality Report City of Grenada

PWS#: 220003, 220004, 220005, 220007, 220036 & 220062 May 2009

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Meridian Upper Wilcox, Middle Wilcox and Lower Wilcox 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 provided immediately below. 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 upon request. The wells for the City of Grenada have received moderate to higher susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Mark. W. Tilghman at 662-227-3415. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Tuesday of the month at 7:00 PM at City Hall.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2008. In cases where monitoring wasn't required in 2008, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants 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 agriculture, 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 and septic systems; 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. 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 indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - 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 (MCLG) - 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.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

PWS ID#:0	220003		7	TEST RESUL	TS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source	of Contamination
Radioactiv	e Conta	minants							
5. Gross Alpha	N	2008	2.48	1.36 – 2.48	pCi/L	0		15	Erosion of natura deposits
6. Radium 226 Radium 228	N	2008 2008	.525 .783	.351525 .173783	pCi/1	0		5	Erosion of natura deposits

7. Uranium	N	2008	.004	.002004] }	ug/L		0'		30 Erosion of natura deposits
Inorganic (Conta	minant	S							
8. Arsenic	N	2008	.56	No Range	F	opb	1	n/a	10	Erosion of natural deposits; rund from orchards; runoff from glass and electronics production waste
10. Barium	N	2008	.162	.076 – .162	t	opm		2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008	.56	No Range	k	opb	1	00	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2005/0	7* .8	0	ţ	opm		1.3 AL	.=1.3	Corrosion of household plumbir systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2006*	.119	No Range	F	opm		4	4	Erosion of natural deposits; wat additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2005/07	7* 2	0	k	opb		0 A	L=15	Corrosion of household plumbir systems, erosion of natural deposits
21. Selenium	N	2008	2.1	.5 2.1e	F	opb		50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge fron mines
Disinfection	n By-	Product	S							
81. HAA5	N	2008	6	No Range	ppb		0	6		y-Product of drinking water sinfection.
82. TTHM [Total trihalomethanes]	N	2008	20.09	No Range	ppb		0	8		y-product of drinking water nlorination.
Chlorine	N	2008	1.01	.5 – 1.01	ppm		0	MDRL =		ater additive used to control icrobes

PWS ID#:	220004			TEST RESU	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects o # of Samples Exceeding MCL/ACL	Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
8. Arsenic	N	2008	.392	.345392	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008	.021	.016021	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008	.135	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008	.6	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfection	on By-Pr	oducts						
82. TTHM	N 2	2008 8.	59 N	o Range ppl		0	80 By	y-product of drinking water

ſ	[Total tritralomethanes]								chlorination.
	Chlorine	N	2008	1.25	.55 – 1.25	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#:	220005			TEST RESU	JLTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL	or Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
8. Arsenic	N	2008	.29	.2829	ppb	n/a		10 Erosion of natural deposits; runof from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008	.0257	.02220257	ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Disinfectio			3.45 N	o Range p	pb	0	80	By-product of drinking water
[Total trifialomethanes]								chlorination.
Chlorine	N	2008 1	.6	0 -1 p	pm	0 MD	RL = 4	Water additive used to control microbes

PWS ID#:	220007		,	TEST RESU	JLTS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL	or Unit Measure -ment	MCLG	MCI	L	Likely Source of Contamination
Inorganic (Contan	inants							
8. Arsenic	N	2008	.6	.56	ppb	n/	a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008	.050	.023050	ppm		2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008	.3	0	ppm	1.	3 AL=	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008	.21	.1721	ppm		4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008	2	0	ppb		0 AL=	:15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008	1.3	No Range	ppb	5	0	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfection	n By-Pı	roducts							
82. TTHM [Total trihalomethanes]	N	2008 8	.53 N	o Range p	pb	0	80	By- chl	-product of drinking water orination.
Chlorine	N	2008 .	79 .7	779 p	om	0 M	IDRL = 4		ater additive used to control crobes

PWS ID#: 2	20036		7	TEST RESUL	TS			
Contaminant	Violation	Date	Level	Range of Detects or	Unit	MCLG	MCL	Likely Source of Contamination
	Y/N	Collected	Detected	# of Samples	Measure			

				Exceedir MCL/AC	· ,	t			
Inorganic	Conta	minant	S						
8. Arsenic	N	2008	.8	No Range	ppb		n/a		10 Erosion of natural deposits; runo from orchards; runoff from glass and electronics production waste
10. Barium	N	2008	.023	No Range	ppm		2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008	.6	0	ppm		1.3	AL=1	 .3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008	.15	.1415	ppm		4		4 Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008	4	0	ppb		0	AL=	15 Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008	2.6	2.5 – 2.6	ppb		50		 Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectio	n By-	Product	S						
81. HAA5	N	2007*	16	No Range	ppb	0		60	By-Product of drinking water disinfection.
32. TTHM Total rihalomethanes]	7	2007*	111	100 - 122	ppb	0		80	By-product of drinking water chlorination.
Chlorine	N	2008	1.4	.7 – 1.4	ppm	0	MDF		Water additive used to control microbes

PWS ID#:	220062			TEST RES	SUL	TS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detection # of Sample Exceeding MCL/ACL	s	Unit Measure -ment	MCLG	MC	L	Likely Source of Contamination
Inorganic	Contan	inants								
8. Arsenic	N	2008	.3	No Range		ppb	n/a	·	10	Erosion of natural deposits; runof from orchards; runoff from glass and electronics production waste
10. Barium	N	2008	.016	005016		ppm	2		2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008	.3	0		ppm	1.3	AL=	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008	.13	.1213		ppm	4		4	Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008	4	0		ppb	0	AL=	=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfectio	n By-Pı	oducts								
81. HAA5	N :	2008	.5 7	· - 10	ppb		0	60	By-	Product of drinking water infection.
82. TTHM [Total trihalomethanes]	N :	2008 3	2.25 2	7 - 41	ppb		0	80	Ву-	product of drinking water orination.
Chlorine	N :	2008 1	.17 .0	63 1.17	ppm		0 MD	RL = 4		iter additive used to control

Disinfection By-Products:

(82) Total Trihalomethanes (TTHMs). Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

As you can see by the table, our systems had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

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 failed to complete these monitoring requirements in May of 2004; January of 2006; July of 2007 and October of 2008. 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.

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. Our Water Association 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.

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 1-800-426-4791.

***** 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. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The City of Grenada works around the clock to provide top quality water to every tap. We have four certified operators on staff, who would be pleased to answer any and all customer questions. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

2009 JUL - 1 AM 9: 12

RETURN THIS STUB WITH PAYMENT TO:

CITY OF GRENADA-WATER DEPARTMENT

116 S. MAIN STREET GRENADA, MS 38901 (662) 227-3400 FIRST-CLASS MAIL U.S. POSTAGE PAID GRENADA, MS PERMIT #1

2062

or and the state of the state o		TOTAL PROPERTY	/	WOUNT THE
ACCOUNT NUMBER	DUE DUE	AFTER DUE DATE		Y DUE DATE
		1000 015	7	28.73
00101840	7/10/2009	33.73	1	CO* (W)
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CUT OFF WILL BEGTH & B A.M. THURSDAY JULY 16, 2009!!! 2008 CONSUMER CONFIDENCE REPORT AVAILABLE UPON REQUEST & OFFICE!!! HAPPY 4TH OF JULY!!!

RETURN SERVICE REQUESTED

MARTHA MORGAN 1889 MURFF DRIVE GRENADA, MS 38901

. Mathamillalalalalanlanlalalalalal RETURN THIS STUB WITH PAYMENT TO:

CITY OF GRENADA-WATER DEPARTMENT 116 S. MAIN STREET

GRENADA, MS 38901 (662) 227-3400 FIRST-CLASS MAIL U.S. POSTAGE PAID GRENADA, MS PERMIT #1

,		TOURT OUE	AMOUNT DUE
ACCOUNT NUMBER	DUE DATE	AFTER DUE DATE	BY DUE DATE
8886888	7/10/2009	44 05	39.05

CUT-OFF WILL BEGIN @ 8 A.M. THURSDAY JULY 16, 2009!!! 2008 CONSUMER CONFIDENCE REPORT AVAILABLE UPON REQUEST @ OFFICE!!! HAVE A SAFE & HAPPY JULY 4TH

RETURN SERVICE REQUESTED

MARK GRIMES P.O.BOX 342 GRENADA, MS 38902-0342

This NOTICE WAS SENT TO All COSTOMERS ON Cty of GRENADA SYSTEMS

2009 JUL - 1 AM 9: 12 The Baily Star

Proof of Publication

STATE OF MISSISSIPPI COUNTY OF GRENADA

Before me, the undersigned authority in and for the County and State aforesaid, this day personally appeared

who, being duly sworn, states on oath that he is the

2008 Annual Drinking Water Quality Report
City of Grenada
PWS#: 220003, 220004, 220005, 220007, 220036 & 220062
May 2009

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Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Contaminant Violat	n Date Collected	Level Detected	Range of Detects or	Unit	MCLG	MCL	T.,
	1	Detected	# of Samples Exceeding MCL/ACL	Measure -ment	, W. C.G	MGL	Likely Source of Contamination
Radioactive Cor	aminants	i 1248	1136-248	PC//L			

Redium 228	1	2008	.783	173 - 783		***		۲			5 Erosion of natural deposits
7. Uranium	N	2008	.004	.002004		h@/L:		0'			30 Erosion of natura deposits
Inorganic	Conta	minant	S								
8. Arsenic	■ N	2008	.56	No Range		ppb	Т	n/a		10	Erosion of natural deposits; runo from orchards; runoff from glass
10. Barium	N	2008	.162	.076162		ppm	+	2		2	and electronics production waste Discharge of drilling wastes, discharge from metal refineries;
13. Chromium	N	2008	.56	No Range		ppb	+	100		100	erosion of natural deposits Discharge from steel and pulp
14. Copper	N	2005/0	77* .8	0		ppm		1.3	AL-	1.3	mills; erosion of natural deposits Corrosion of household plumbin systems; erosion of natural deposits; leaching from wood
16. Fluoride	N	2006*	,119	No Range		ppm	+	4		4	preservatives Erosion of natural deposits; wat additive which promotes strong teeth; discharge from fertilizer
17. Lead	N	2005/0	77 2	0		ppb	-	-	AL	=15	and aluminum factories Corrosion of household plumbin systems, erosion of natural
21, Selenium	N	2008	2.1	.5 - 2.1e		ppb	1	50		50	deposits Discharge from petroleum and metal refineries, erosion of natural deposits; discharge from
Disinfection	on By-	Produc	ts	I		L		1			mines
81. HAA5	N	2008	T6	No Range	ppb	Т	0		60		Product of drinking water
82. TTHM [Total	N	2008	20.09	No Range	ppb		0		80	By-	Infection. product of drinking water
rihalomethanes] Chlorine	N	2008	1.01	.5 - 1.01	ррпп		0	MDR	L=4	Wa	orination. Iter additive used to control probes
PWS ID#:	22000	4		TEST R	ESUI	TS					
Contaminant	Violati Y/N	on Date		Range of Detection # of Sam	etects or opies ling	Unit Measure -ment		LG	MCI	• [Likely Source of Contamination
Inorganic	Conta	minants	<u>l</u> 8	MCL/A	UL .		1				
8. Arsenic	N	2008	.392	.345392		ppb		n/a			Erosion of natural deposits; runo from orchards; runoff from glass and electronics production waste
IO. Berium	N	2008	.021	.016021		ppm		2		2	Discharge of drilling wastes, discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008	,5	0		ppm		1.3	AL=		Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008	.135	No Range		ppm		4		4	Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fartilizer and aluminum factories
17. Lead	N	2008	2	0		ppb		0	AL=	15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008	.6	No Range		ppb		50		- 1	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectio		~ 									
32 TTHM Total	N	2008	8.59	No Range	ppb		0		80		product of drinking water rination.
rihalomethanes] Chlorine	N	2008	1.25	.55 - 1,25	ppm		o	MDRI	=4		er additive used to control robes
3887CT TXS.11	***	_e r		ane can the	CTIT	TC					
WS ID#:	ZZUUU Violatik Y/N	on Date			itects or	Unit Measure -ment	MC	LG	MCL	.	Likely Source of Contamination
(m.a		<u> </u>		MCL/A							
(norganic 8. Arsenic	Conta N	minants 2008	.29	2829	To No.	ppb		n/a			Erosion of natural deposits; runo from orchards; runoff from glass
0. Barium	N	2008	.0257	.0222025	7	ppm		2		2	and electronics production waste Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Nili e e	276 3	n y									3000 307000
Disinfectio 2. TTHM Total	n By-l	Product 2008	S 13,45	No Range	ppb		0		80	By-t	product of drinking water prination.
rihalomethanes]	 	2008	-	.60 -1	-		0	MDD	= 4	Wat	ter additive used to control
Chlorine					ppm		· • 1	saim.	1, 176,51		robes

The Daily Star

Proof of Publication

STATE OF MISSISSIPPI COUNTY OF GRENADA

Before me, the undersigned authority in and for the County and State aforesaid, this day personally appeared

Contaminant				TEST RESU				
	Violation Y/N	Collected	Level Detected	Range of Detects of # of Samples Exceeding MCL/ACL	Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contam	iinants						
8. Arsenic	N	2008	.8	.56	ppb	n/a	10	Erosion of natural deposits; runo from orchards; runoff from giass and electronics production waste
10. Barium	N	2008	.050	.023050	ppm	2	7	
14. Copper	N	2008	,3	0	ppm	1.3	AL#1.3	Corrosion of natural deposits Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
18. Fluoride	Z	2008	.21	.1721	ppm	4	4	~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
17. Lead	N	2008	2	0	ppb	0	AL≃18	
21. Selenium	N	2008	1.3	No Range	ppb	50	50	
Disinfection	n By-P	roducts				1.0		
82. TTHM [Total trihalomethanes]	N	2008	8.53	No Range ppl	·	0		By-product of drinking water hiorination.
Chlorine	N	2008	.79 .	7779 pp	n	0 MDI	RL = 4 V	Vater additive used to control
	Y/N	1 Callantas		Range of Detects o		MCLG	MCL	Likely Source of Contamination
		Collected	l Detected	# of Samples	Measure -ment	'"''-' 	MUL	Likely Source of Contamination
Ingraphia	Conton		i Detected	# of Samples	Measure	l """ 	MCL	Likely Source of Contamination
Inorganic 8. Arsenic	Contan		Detected	# of Samples	Measure	n/a	MGL 10	Erosion of natural deposits; runo from orchards; runoff from glass
		inants		# of Samples Exceeding MCL/ACL	Measure -ment	L		Erosion of natural deposits; runo from orchards; runoff from glass and electronics production waste Discharge of drilling wastes; discharge from metal refineries;
8. Arsenic	N	inants 2008	8.	# of Samples Exceeding MCL/ACL No Range	Measure ment ppb	n/a	16	Erosion of natural deposits; runo from orchards; runoff from glass and electronics production waste. Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits. Corrosion of household plumbing systems; erosion of natural deposits, leaching from wood
8. Arsenic 10. Barlum	N N	2008 2008	8 023	# of Samples Exceeding MCL/ACL No Range	Measure Frient	n/a	10	Erosion of natural deposits; runo from orchards; runoff from glass and electronics production waste Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer
8. Arsenic 10. Barlum 14. Copper	N N	2008 2008 2008	.8	# of Samples Exceeding MCL/ACL No Range No Range	ppb ppm ppm	n/a 2 2 1.3	2 AL=1.3	Erosion of natural deposits; runo from orchards; runoff from glass and electronics production waste. Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits. Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives. Erosion of natural deposits; wate additive which promotes strong teeth, discharge from fertilizer and aluminum factories. Corrosion of household plumbing systems, erosion of natural
8. Arsenic 10. Barium 14. Copper 16. Fluoride	N N N	2008 2008 2008 2008	.8 .023	# of Samples Exceeding MCL/ACL No Range No Range	Measure FINAL PPD PPD PPM PPM PPM PPM PPM	1.3	10 2 AL=1.3	Erosion of natural deposits; runo from orchards; runoff from glass and electronics production waste. Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits. Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives. Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fartilizer and aluminum factories. Corrosion of household plumbing systems, erosion of natural deposits.
8. Arsenic 10. Barlum 14. Copper 16. Fluoride 17. Lead 21. Selenium	N N N N	2008 2008 2008 2008 2008 2008	.6 .6 .15	# of Samples Exceeding MCL/ACL No Range No Range 0 .1415	ppb ppm ppm	1.3	10 2 AL=1.3 4	Erosion of natural deposits; runo from orchards; runoffrom glass and electronics production waste Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives Erosion of natural deposits; wate additive which promotes strong teeth, discharge from fertilizer and aluminum factories Corrosion of household plumbing systems, erosion of natural deposits Discharge from petroleum and metal refineries; erosion of natural deposits discharge from natural deposits, discharge from
8. Arsenic 10. Barium 14. Copper 16. Fluoride 17. Lead	N N N N N N N N N N N N N N N N N N N	2008 2008 2008 2008 2008 2008	.8 .023 .6 .15	# of Samples Exceeding MCL/ACL No Range No Range 0 .1415	ppb ppm ppm ppm ppm ppm	1.3	AL=1.3 AL=1.5 60 B	Erosion of natural deposits; runo from orchards; runoff from glass and electronics production waste Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits. Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fartilizer and aluminum factories Corrosion of household plumbing systems, erosion of natural deposits. Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
8. Arsenic 10. Barium 14. Copper 16. Fluoride 17. Lead 21. Selenium	N N N N N N N N N N N N N N N N N N N	2008 2008 2008 2008 2008 2008 2008 2008 2008 2007* 2007*	.8 .023 .6 .15 .15	# of Samples Exceeding MCL/ACL No Range 0 .1415	ppb ppm ppm ppm ppm ppm	1.3 1.3 4	AL=1.3 AL=15 60 B B B B B B B B B B B	Erosion of natural deposits; runo from orchards; runof from glass and electronics production waste. Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits. Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives. Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories. Corrosion of household plumbing systems, erosion of natural deposits. Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines.

PWS ID#: 2	220062			TEST RES			4	
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL		MCLG	MCL	Likely Source of Contamination
Inorganic (Contam	inants						
B. Arsenic	N	2008	.3	No Range	ppb	n/a		Erosion of natural deposits; runof from orchards; runoff from glass and electronics production waster
10. Banum	N	2008	.016	005016	ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008	.3	0	ppm	1.3	AL=1	 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008	.13	.1213	ppm	4		Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008	4	0	ppb	O	AL=	15 Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	entropped vilanias		9.5 T	1 7-10	pob T	ol .	60	By-Product of drinking water
81, HAA5	"	2006	9.0	' ' '	,			disinfection.
82. TTHM [Total trihalomethanes]	N	2008	32.25	27 - 41	βpb	0	80	By-product of drinking water chlorination.
Chlorine	N	2008	1,17	63-1.17	ppm	O M	DRL = 4	Water additive used to control microbes

Disinfection By-Products:

(82) Total Trihalomethanes (TTHMs). Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

As you can see by the table, our systems had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

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 Jenuary 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 failed to complete these monitoring requirements in May of 2004; January of 2006; July of 2007 and October of 2008. We did complete the monitoring requirements for bacteriological sampling that showed no collform 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.

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. Our Water Association 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.

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, immunocompromised 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 1-800-426-4791.

*****A 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. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The City of Grenada works around the clock to provide top quality water to every tap. We have four certified operators on staff, who would be pleased to answer any and all customer questions. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

The Daily Star

Proof of Publication

STATE OF MISSISSIPPI COUNTY OF GRENADA

Before me, the undersigned authority in and for the County and State aforesaid, this day personally appeared

Marguta Downer

who, being duly sworn, states on oath that he is the

Massified Representative.

of The Daily Star, a newspaper published in the city of Grenada, state and county aforesaid, with a general circulation in said county, and which has been published for a period of more than one year, and that the publication of the notice, a copy of which is hereto attached, has been made in said paper Times, at weekly intervals and in the regular entire issue of said newspaper for the numbers and dates hereinafter named, to-wit:

Val 54 No 253 on the 26 day of the 20 09

70	
VolNoon theday of20	
VolNoon theday of 20	
Sworn to and subscribed before me, this	, of
June 20.09.	
Muffel L. M. F. Francis	?
(SEAL)	
OF MISSIGN.	

NOTARY PUBLIC ID# 77291 Commission Expires

CANADA CON

2008 CCR Contact Information

Date: 6 9 2009	
PWSID: 22/03	
System Name: City of	Grenada
Lead/Copper Language	MSDH Message re: Radiological Lab
MRDL Violation	Chlorine Residual (MRDL) RAA
Other Violation(s)	
Will correct report & mail copy marked "	'corrected copy" to MSDH.
Will notify customers of availability of co	prected report on next monthly bill.
	662-227-3415 662-809-7839 cell
Spoke with Operator, Owner, Secretary)	7247
alex - By man	Stanley Edmond@cableone.net Mark Tilghman "
	pm. Carl 662-227-3461