



MISSISSIPPI STATE DEPARTMENT OF HEALTH

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

City of Grenada
Public Water Supply Name

0220007
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: 1 / 1 SEND OUT June July Bills

- CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
Date Mailed/Distributed: 1 / 1

- CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: GRENA DA STAR
Date Published: 5/17/2011 - 5-24-2011

- CCR was posted in public places. *(Attach list of locations)*
Date Posted: 5/18/2011 City of Grenada Billing Office

- 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.

Billy J. Collins-Mayor
Name/Title (President, Mayor, Owner, etc.)

05-31-2011
Date

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

Radioactive Contaminants

5. Gross Alpha	N	2008*	2.48	1.36 – 2.48	pCi/L	0	15	Erosion of natural deposits
6. Radium 226 Radium 228	N	2008* 2008*	.525 .783	.351 - .525 .173 - .783	pCi/l	0	5	Erosion of natural deposits
7. Uranium ¹	N	2008*	.004	.002 - .004	µg/L	0 ¹	30 ¹	Erosion of natural deposits

Inorganic Contaminants

8. Arsenic	N	2008*	.56	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.162	.076 – .162	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	.56	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2010	.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*	.119	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2010	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008	2.1	.5 – 2.1e	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Disinfection By-Products

Chlorine	N	2010	.91	.81- 2.67	ppm	0	MDRL = 4	Water additive used to control microbes
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PWS ID#: 220004

TEST RESULTS

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
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Inorganic Contaminants

8. Arsenic	N	2008*	.392	.345 - .392	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.021	.016- .021	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 By-Products								
82. TTHM [Total trihalomethanes]	N	2008*	8.59	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	1.11	.90 – 1.25	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#: 220005 TEST RESULTS								
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
Inorganic Contaminants								
8. Arsenic	N	2008*	.29	.28 - .29	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.0257	.0222 - .0257	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

Disinfection By-Products								
82. TTHM [Total trihalomethanes]	N	2008*	13.45	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	Y	2010	1.41	.80 -7.03	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#: 220007 TEST RESULTS								
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
Inorganic Contaminants								
8. Arsenic	N	2008*	.6	.5 - .6	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.050	.023 - .050	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	.17 - .21	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	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Volatile Organic Contaminants								
76. Xylenes	N	2010	.0005	No Range	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories

Disinfection By-Products								
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82. TTHM [Total trihalomethanes]	N	2008*	8.53	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	.74	.71 - .80	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#: 220036
TEST RESULTS

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
Inorganic Contaminants								
8. Arsenic	N	2008*	.8	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.023	No Range	ppm	2	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	.14 - .15	ppm	4	4	Erosion of natural deposits; water 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	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Disinfection By-Products

82. TTHM [Total trihalomethanes]	N	2010	30.38	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	.95	.70 – 1.2	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#: 220062
TEST RESULTS

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
Inorganic Contaminants								
8. Arsenic	N	2008*	.3	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.016	005 - .016	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	.12 - .13	ppm	4	4	Erosion of natural deposits; water 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

Disinfection By-Products

82. TTHM [Total trihalomethanes]	N	2010	4.45	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	1.38	.90 – 3.32	ppm	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2010.

Monitoring and reporting of compliance data violation

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. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. However on system # 220005 in January and October of 2010 we exceeded the MCL for chlorine. 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. complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

Significant Deficiencies:

System ID: 220003

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Inadequate security measures

Corrective actions: The fence at the Westside plat has been secured by raising the ground level. Completed by 2/14/11.

System ID: 220004

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Inadequate internal cleaning/maintenance of storage tanks

Corrective actions: The system has completed an inspection and is in a Bilateral Compliance Agreement with the Mississippi State Department of Health to sandblast and paint the tanks. All deficiencies are scheduled to be completed by 2/7/2014.

System ID 220005:

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

System ID 220007:

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Inadequate internal cleaning/maintenance of storage tanks

Corrective actions: An inspection has been completed for this system and the system is in a Bilateral Compliance Agreement with the Mississippi State Department of Health to replace the pressure tank. All deficiencies are scheduled to be completed by 2/14/2011.

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Failure to meet water supply demands (overloaded)

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to increase the source capacity. All deficiencies are scheduled to be completed by 2/7/2014.

System ID 220036:

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

System ID 220062:

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

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. 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.

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.

2010 Annual Drinking Water Quality Report
 City of Grenada
 PWS#: 220003, 220004, 220005, 220007, 220036 & 220062
 May 2011

nt. Call 662-226-0783 or
 -330-1007

This year's Annual Quality Water Report. This report is designed to inform you at every day. Our consistent goal is to provide you with a safe and dependable supply of water. We make to continually improve the water treatment process and protect our quality of your water. Our water source is from wells drawing from the Meridian L...

has been completed for our public water system to determine the overall susceptibility of sources of contamination. The general susceptibility rankings assigned to each report containing detailed information on how the susceptibility determinations were made and is available for viewing upon request. The wells for the City of Grenada...

If you have any questions or concerns regarding your water utility, please contact Mark W. Tilghman at 662-226-0783. If you want to learn more, please attend a public meeting on the second Monday of the month at 6:00 PM at City Hall.

contaminants in your drinking water according to Federal and State laws. This table lists the contaminants detected during the period of January 1st to December 31st, 2010. In cases where the table reflects the most recent results. As water travels over the surface of land or under ground, it can pick up substances or contaminants from various sources. 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 come from natural sources and domestic wastewater discharges, oil and gas production, mining, and industrial processes; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm runoff, and residential use; synthetic and volatile organic chemicals, which are by-products of various industrial processes and automobile exhaust; and radon, which is a naturally occurring radioactive gas that comes from the natural decay of uranium and thorium in the earth. The amount of certain contaminants in water provided by public water systems is regulated by the U.S. Environmental Protection Agency (EPA) to protect the health of consumers. Contaminants that are not regulated by the EPA are not necessarily expected to contain at least small amounts of some constituents. The presence of these constituents does not necessarily indicate that the water poses a health risk.

Some of the abbreviations you might not be familiar with. To help you better understand...

contaminant which, if exceeded, triggers treatment or other requirements which...

The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLGs are set as low as feasible using the best available treatment technology.

The "Goal" (MCLG) - The level of a contaminant in drinking water below which there are no known or anticipated adverse effects on the health of humans and the environment.

The "Maximum Residual Disinfectant Level" (MRDL) - The highest level of a disinfectant allowed in drinking water. This level is necessary for control microbial contaminants.

The "Maximum Residual Disinfectant Level Goal" (MRDLG) - The level of a drinking water disinfectant below which there are no known or anticipated adverse effects on the health of humans and the environment.

The "one part per million" (ppm) - one part per million corresponds to one minute in two years, or a...

one part per billion corresponds to one minute in 2000 years, or a...

one liter is a measure of the radioactivity in water.

TEST RESULTS

Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
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2.48	1.36 - 2.48	ppb	0	15	Erosion of natural deposits; runoff from orchards; and electronics products
.525	.351 - .525	ppb	0	5	Erosion of natural deposits; runoff from orchards; and electronics products
.763	.173 - .763	ppb	0	5	Erosion of natural deposits; runoff from orchards; and electronics products
.004	.002 - .004	ppb	0	30	Erosion of natural deposits; runoff from orchards; and electronics products

.56	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; and electronics products
.162	.076 - .162	ppm	2	2	Discharge of drilling waste discharge from metal erosion of natural deposits
.56	No Range	ppb	100	100	Discharge from steel mills; erosion of natural deposits
6	0	ppm	1.3	AL=1.3	Corrosion of household systems; erosion of natural deposits; leaching from preservatives
.119	No Range	ppm	4	4	Erosion of natural deposits; discharge from and aluminum factories
2	0	ppb	0	AL=15	Corrosion of household systems; erosion of natural deposits
2.1	.5 - 2.1e	ppb	50	50	Discharge from petrol metal refineries; erosion of natural deposits; disc mines

.81-2.67	ppm	0	MDRL = 4	Water additive used to control microbes
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TEST RESULTS

Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
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.302	.345 - .392	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; and electronics products
.021	.016 - .021	ppm	2	2	Discharge of drilling waste discharge from metal erosion of natural deposits
5	0	ppm	1.3	AL=1.3	Corrosion of household systems; erosion of natural deposits; leaching from preservatives

82. TTHM (Total trihalomethanes)	N	2010	4.45	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	1.38	.90 - 3.32	ppm	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2010.

Monitoring and reporting of compliance data violation

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. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. However on system # 220005 in January and October of 2010 we exceeded the MCL for chlorine. We have learned through our monitoring and testing that specific constituents have been detected however the EPA has determined that your water IS SAFE at these levels, complete monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

Significant Deficiencies:

System ID: 220003

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Inadequate security measures

Corrective actions: The fence at the Westside plat has been secured by raising the ground level. Completed by 2/14/2011. System ID: 220004

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

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During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Inadequate internal cleaning/maintenance of storage tanks

Corrective actions: The system has completed an inspection and is in a Bilateral Compliance Agreement with the Mississippi State Department of Health to sandblast and paint the tanks. All deficiencies are scheduled to be completed by 2/7/2014.

System ID 220005:

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

System ID 220007:

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Inadequate internal cleaning/maintenance of storage tanks

Corrective actions: An inspection has been completed for this system and the system is in a Bilateral Compliance Agreement with the Mississippi State Department of Health to replace the pressure tank. All deficiencies are scheduled to be completed by 2/14/2011.

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Failure to meet water supply demands (overloaded)

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to increase the source capacity. All deficiencies are scheduled to be completed by 2/7/2014.

System ID: 220036:

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

System ID 220062:

During a sanitary survey conducted on 9/28/10, the Mississippi State Department of Health cited the following significant deficiency(s): Unprotected cross connections

Corrective actions: The system is under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the work of identifying, testing and repairing all backflow prevention devices. All deficiencies are scheduled to be completed by 2/7/2012.

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 Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials in plumbing components. When your water has been sitting for several hours, you can minimize the potential 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 and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory can also provide information. Please contact 601.576.7582 if you wish to have your water tested.

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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 resources, which are the heart of our community, our way of life and our children's future.

Publish: 5/17,24/2011

Disinfection By-Products								
82. TTHM [Total trihalomethanes]	N	2008*	8.59	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	1.11	.90 - 1.25	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#: 220005 TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AQL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
8. Arsenic	N	2008*	.29	.28 - .29	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.0257	.0222 - .0257	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits

Disinfection By-Products								
82. TTHM [Total trihalomethanes]	N	2008*	13.45	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	Y	2010	1.41	.80 - 7.03	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#: 220007 TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AQL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
8. Arsenic	N	2008*	.6	.5 - .6	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.050	.023 - .050	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	.17 - .21	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*	.3	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Volatile Organic Contaminants								
76. Xylenes	N	2008*	.0305	No Range	ppm	10	10	Discharge from petroleum factories; discharge from chemical factories

Disinfection By-Products								
82. TTHM [Total trihalomethanes]	N	2008*	8.53	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	.74	.71 - .80	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#: 220036 TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AQL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
8. Arsenic	N	2008*	.8	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.023	No Range	ppm	2	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	.14 - .15	ppm	4	4	Erosion of natural deposits; water 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	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Disinfection By-Products								
82. TTHM [Total trihalomethanes]	N	2010	30.38	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	.95	.70 - 1.2	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#: 220062 TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AQL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
8. Arsenic	N	2008*	.3	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.016	.005 - .016	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

2011 JUN 21 PM 2:41

ACCOUNT NUMBER 0000739	DATE BILL MAILED 5/25/2011
PRESENT READING 500	SERVICE FROM 4/11/2011
PREVIOUS READING 500	SERVICE TO 5/11/2011
UNITS USED 1400	DAYS USED 30
DESCRIPTION	AMOUNT
Service/Water	47.99
Service/Sewer	25.55
CURRENT BILL DUE DATE 6/10/2011	AMOUNT DUE BY DUE DATE 73.54
AMOUNT DUE AFTER DUE DATE	78.54

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

ACCOUNT NUMBER	DUE DATE	AMOUNT DUE AFTER DUE DATE	AMOUNT DUE BY DUE DATE
0000739	6/10/2011	78.54	73.54

OUT OF WORK BEGIN @ 8 A.M. THURSDAY, JUNE 16, 2011!!!
 HAVE A SAFE & HAPPY MEMORIAL DAY!!!

RETURN SERVICE REQUESTED
 2010 CCR ON FILE AT OFFICE

CITY OF GRENADA #3 FIRE STATION
 P.O. BOX 310
 GRENADA, MS 38901

SERVICE ADDRESS: 400 S. GUMBER

KEEP THIS STUB

