

2012 JUN -5 AM 10:39

## BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORMCity of GRANADA  
Public Water Supply Name0 22 0004  
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 POSTED AT WATER PLANT & BILLING OFFICE

Date customers were informed: 05/31/12

- CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed 05/31/12

- 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: 06/01/12

- CCR was posted on a publicly accessible internet site at the address: www.CityofGranada.ms

**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 F. Collins-Mayer  
Name/Title (President, Mayor, Owner, etc.)

JUNE 1 2012  
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	1.96 - 2.48	pCi/L	0	15	Erosion of natural deposits; runoff from overhills; runoff from glass
6. Radium 226	N	2008*	555	564 - 568	pCi/l	0	5	Erosion of natural deposits
7. Uranium	N	2008*	0.04	0.02 - 0.04	ppb	0	30	Erosion of natural deposits
Inorganic Contaminants								
10. Barium	N	2011	142	075 - 142	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; 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
15. Cyanide	N	2011	147	46 - 1.47	ppb	200	200	Discharge from steel and pulp mills; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011	132	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong tooth; discharge from fertilizer
17. Lead	N	2010*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Disinfection By-Products								
81. HAAS (Total Trihalomethanes)	N	2011	6	No Range	ppb	0	60	By-product of drinking water disinfection
82. THM (Total Trihalomethanes)	N	2011	14.37	No Range	ppb	0	80	By-product of drinking water chlorination
Chlorine	N	2011	1.1	84 - 1.95	ppm	0	MDRL = 4	Water additive used to control microbes

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/LACL	Unit Measurement	MCL	MCLG	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2011	02	018 - 02	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2011	2.3	1.1 - 2.3	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	200911	2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011	186	182 - 1.86	ppm	4	4	Erosion of natural deposits; water additive which promotes strong tooth; discharge from fertilizer and aluminum factories
Disinfection By-Products								
82. THM (Total Trihalomethanes)	N	2008*	8.59	No Range	ppb	0	80	By-product of drinking water chlorination
Chlorine	Y	2011	1.5	1.05 - 5.65	ppm	0	MDRL = 4	Water additive used to control microbes

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/LACL	Unit Measurement	MCL	MCLG	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2011B*	0283	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Disinfection By-Products								
82. THM (Total Trihalomethanes)	N	2008*	13.45	No Range	ppb	0	80	By-product of drinking water chlorination
Chlorine	Y	2011	1.50	80 - 6.55	ppm	0	MDRL = 4	Water additive used to control microbes

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/LACL	Unit Measurement	MCL	MCLG	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2011	030	016 - 030	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2011	2.7	2.6 - 2.7	ppb	100	100	Discharge from steel and pulp mills; 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	2011	20	17 - 20	ppm	4	4	Erosion of natural deposits; water additive which promotes strong tooth; 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

Inorganic Contaminants								
8. Arsenic	N	2011	9	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from overhills; runoff from glass
10. Barium	N	2011	018	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2011	2.5	1.9 - 2.5	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	200911	4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
15. Cyanide	N	2011	16.26	No Range	ppb	200	200	Discharge from steel and pulp mills; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011	175	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong tooth; discharge from fertilizer and aluminum factories
17. Lead	N	200911	4	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
21. Selenium	N	2011	3.2	3 - 3.2	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfection By-Products								
81. HAAS (Total Trihalomethanes)	N	2011	14	No Range	ppb	0	60	By-product of drinking water disinfection
82. THM (Total Trihalomethanes)	N	2011	38.5	No Range	ppb	0	80	By-product of drinking water chlorination
Chlorine	N	2010	1.1	1 - 1.3	ppm	0	MDRL = 4	Water additive used to control microbes

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/LACL	Unit Measurement	MCL	MCLG	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2011	04	004 - 04	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2011	2.2	1.7 - 2.2	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	200911	3	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2011	115	108 - 115	ppm	4	4	Erosion of natural deposits; water additive which promotes strong tooth; discharge from fertilizer and aluminum factories
17. Lead	N	200911	2	0	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Disinfection By-Products								
Chlorine	N	2011	1.20	1 - 1.25	ppm	0	MDRL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2011