



2011 JUN 23 PM 2:26

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

GROSS WATER ASSN. Public Water Supply Name

0460006 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: 6/23/11

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: COLUMBIAN - PROGRESS

Date Published: 6/23/11

CCR was posted in public places. (Attach list of locations)

Date Posted: 6/23/11 MARDON CO. LIBRARY

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.

BOBBY SEMAN/ OPERATOR Name/Title (President, Mayor, Owner, etc.)

6-30-2011 Date

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

*2010 Annual Drinking Water Quality Report*  
**GOSS WATER ASSOCIATION**  
**PWS ID # 460006**  
**JUNE 12,2011**

We're pleased to present to you this year's Annual Water Quality 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 two wells producing water from the Citronelle Formation Aquifer.

Our source water assessment has been completed for our wells and it shows our wells have a lower susceptibility to contamination.

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

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Bobby Selman, our operator, at 601-455-0334. 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 monthly on the third Monday of every month at 6 P.M.

Goss Water Association 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>, 2010. 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.

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:

*Non-Detects (ND)* - laboratory analysis indicates that the constituent is not present.

*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.

*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.

## TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCL G	MCL	Likely Source of Contamination
<b>Disinfectants &amp; Disinfection By-Products</b> (There is considerable evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (asCL2)	N	2010	1.01 (RAA) Running Annual Average	0.90-low 1.02-high	ppm	4.0	4.0	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
10. Barium	N	10/27/10	0.4083	0	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2007*	0.021	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2007*	0.001	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

\*most recent sample

***Inorganic Contaminants:***

(10) Barium. Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.

(14) Copper. Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

(17) Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

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).

\*\*\*\*\* 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.

\*\*\*\*\* 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. Goss 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.

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 childrens future.

PROOF OF PUBLICATION

2011 JUN 29 PM 2:26

THE STATE OF MISSISSIPPI  
COUNTY OF MARION

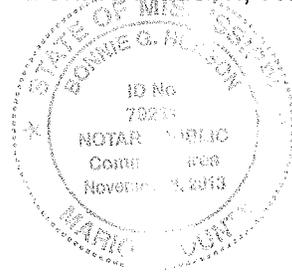
Personally appeared before me, the undersigned Notary Public, in and for the County and State aforesaid, **Susan Amundson** who being by me and duly sworn, states on oath that she is Legal Clerk of the Columbian-Progress, a newspaper published in the City of Columbia, State and County, aforesaid, and that the publication of the notice, a copy of which is hereto attached, has been made in said paper 1 time(s), as follows:

In Vol. 109 No. 50 Date 23 day of June, 2011  
In Vol. 109 No. \_\_\_\_\_ Date \_\_\_\_\_ day of \_\_\_\_\_, 2011  
In Vol. 109 No. \_\_\_\_\_ Date \_\_\_\_\_ day of \_\_\_\_\_, 2011  
In Vol. 109 No. \_\_\_\_\_ Date \_\_\_\_\_ day of \_\_\_\_\_, 2011

Signed Susan Amundson  
Susan Amundson

Sworn to and subscribed before me, this 23 day of June, 2011.

Bonnie Hudson  
Bonnie Hudson, Notary Public



*See Attached*

(SEAL)

3 x 11 @ \$10.40 = 343.20  
No. words \_\_\_\_\_ at \_\_\_\_\_ Total \$ \_\_\_\_\_  
Proof of Publication ..... \$3.00  
Total Cost..... \$ 346.20

THIS IS NOT A STATEMENT

**2010 Annual Drinking Water Quality Report Cedar Grove  
Harmony Water Association PWS# 0460002  
June 2011**

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality of your 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 need 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 Missouri Aquifer.

The water quality treatment has been completed for our public water system to determine the overall acceptability of its drinking water supply to selected potential sources of contamination. The general responsibility remains assigned to that well of this system. A report containing detailed information on how the acceptability determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Cedar Grove Harmony Water Association have received a lower to moderate susceptibility rating to contamination.

If you have any questions about this report or concerning your water utility, please contact David Woodward at 601.730.9699. We have our water treatment plant located at 7301 Hwy. 101 in Columbia, MO 65204. The annual meeting is held on the first Monday of each month at 7:00 PM at 538 Patton Rd., Columbia, MO 65204.

We routinely monitor for contaminants in your drinking water according to Federal and State law. This table below lists all of the water quality parameters that are monitored during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2010. In cases where monitoring naturally occurring inorganic and, in some cases, radioactive materials and non-petroleum substances or contaminants from the presence of toxic systems, agricultural livestock operations, and various 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 other activities and petroleum products, 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 products, and can also come from gas stations and septic systems, radioactive contaminants, which can be naturally occurring or the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA requires regulations that limit the amount of certain contaminants in water provided by public water systems. Certain contaminants, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It is important to remember that the presence of these contaminants does not necessarily pose 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 Allowable (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.

**Maximum Residual Disinfectant Level (MRDL):** 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.

**Maximum Residual Disinfectant Level Goal (MRDLG):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**Parts per million (ppm) or Micrograms per liter (µg/l):** one part per million corresponds to one minute in two years or a single penny in \$10,000,000.

**Parts per billion (ppb) or Micrograms per liter (µg/l):** one part per billion corresponds to one minute in 3,000 years, or a single penny in \$10,000,000,000.

TEST RESULTS									
Contaminant	Violation	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCLG	Unit Measure	MCLG	MCL	Lab/Source of Contamination	Lab/Source of Contamination
<b>Inorganic Contaminants</b>									
10. Barium	N	2010	0.05	No Range	ppm	2	2	Discharge of drilling water, discharge from metal refining water, product of natural decay	Water utilities used to control microbes
13. Chromium	N	2010	1.3	No Range	ppm	100	100	Discharge from metal refining water, product of natural decay	
14. Copper	N	2007	3	0	ppm	1.3	1.3	Corrosion of household plumbing system, erosion of natural deposits leaching from metal containers	
<b>Disinfection By-Products</b>									
51. HAA5	N	2010	1.0	No Range	ppb	0	60	By-product of drinking water disinfection	
52. THM5 (Trihalomethanes)	N	2010	1.64	No Range	ppb	0	80	By-product of drinking water disinfection	
Chlorine	N	2010	1.01	95-102	ppm	0	MRL 4.0	Water utilities used to control microbes	

*Note: None of the violations reported for 2010.*

As you can see by the table, our system 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 contaminants 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. In an effort to ensure system compliance all monitoring requirements, MSDH non-routine systems of risk rating activities prior to the end of the monitoring period.

In 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 (or 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/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.730.7552 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 microbial, 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. Basic 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. Infants and 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 drinking water from other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Cedar Grove Harmony Water Association works around the clock to provide top quality water to every tap. 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  
Goss Water Association PWS ID# 460006  
June 12, 2011**

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality of your 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 need 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 two wells producing water from the Missouri Aquifer.

The water quality treatment has been completed for our wells and it shows our wells have a lower susceptibility to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Bobby Sedman, our operator, at 601.461-8384. We need your valued customers to be informed about their water utility. If you want to learn more, please attend any of our monthly scheduled meetings. They are held monthly on the third Monday of every month at 6:00 PM.

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