



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

CITY OF CORINTH GAS & WATER DEPT. Public Water Supply Name

0070002 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: / /

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

Date Mailed/Distributed: 6/8/11

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: / /

CCR was posted on a publicly accessible internet site at the address: www. CORINTH GAS AND WATER. COM

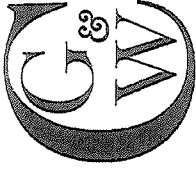
CERTIFICATION

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.

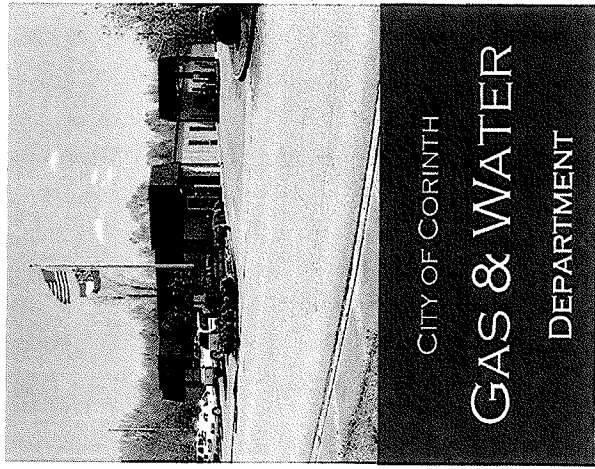
Don J. Beard WATER SVS. MGR. Name/Title (President, Mayor, Owner, etc.)

6-10-11 Date

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



2011  
WATER  
QUALITY  
REPORT



CITY OF CORINTH  
GAS & WATER  
DEPARTMENT

PRST STD  
US POSTAGE PAID  
CORINTH, MS

Corinth Gas and Water Department  
P.O. Box 1870  
Corinth, MS 38835



**Water Treatment Plant**

Construction of the Clifford G. Worsham Surface Water Treatment Facility is underway. The completion date is Spring 2012. The surface water project is a major investment that will provide a long-term, dependable water supply for the future and prove vital to the economic growth in this region.

**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. Corinth Gas and Water 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 the 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 <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Laboratory offers lead testing for \$10 per sample. Please call 601-576-7518 if you wish to have your water tested.

**CONTINUING OUR COMMITMENT**

**Mission Statement**

"To assure the availability of a consistently adequate supply of natural gas and water while providing for the highest quality service possible at a reasonable cost to our customers consistent with good management and sound business practices."

All the information in this Annual Water Quality Report has been prepared in accordance with the standards established by the Environmental Protection Agency (EPA) and includes details about where your water comes from, what it contains and how it compares to standards set by the regulatory agencies.

**DO YOU WANT MORE INFORMATION?**

If you are interested in learning more about the Corinth Gas and Water Department, or if you have any questions concerning water quality, our office is located at 305 West Waldron Street. Our office hours are from 8:00 AM to 5:00 PM, Monday through Friday. You can also call us at (662) 286-2263. Our contact person is David Bass. The City of Corinth Public Utility Commission meets at 7:00 PM on the second Monday of each month at the address above. Board meetings are open to the public.

Rec'd 5/3/11

0020002

**TREATED WATER QUALITY SUMMARY**

The table below lists all of the drinking water contaminants that we detected during the 2010 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Except as indicated, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. The Corinth Gas & Water Department received one TCR violation during the 2010 reporting period. The department has met all EPA required testing and public notification for the (TCR) violation.

CONTAMINANT	MCL	MCLG	LEVEL DETECTED	RANGE DETECTED	SAMPLE DATE	TYPICAL SOURCE
<b>INORGANIC CONTAMINANTS</b>						
ANTIMONY	.006 mg/l	.006 mg/l	<0.0005 mg/l		2009	Discharge from petroleum refineries, fire retardants
ARSENIC	0.010 mg/l	NA	<0.0005 mg/l		2009	Erosion of natural deposits, runoff from orchards
BARIIUM	2 mg/l	2 mg/l		.294332 mg/l	2009	Erosion of natural deposits
BERYLLIUM	0.004 mg/l	0.004	<0.0001		2009	Discharge from metal refineries and coal-burning factories
CADMIUM	0.005 mg/l	0.005	<0.0001mg/l		2009	Corrosion of galvanized pipes, erosion of natural deposits
CHROMIUM	0.100 mg/l	0.100 mg/l	.000789 mg/l		2009	Erosion of natural deposits
FLOURIDE	4.0 mg/l	4.0 mg/l		.2 mg/l - 1.3 mg/l	2010	Additive that promotes strong teeth, erosion of natural deposits
MERCURY	0.002 mg/l	0.002 mg/l	<0.0002 mg/l		2009	Erosion of natural deposits
SELENIUM	0.05 mg/l	0.05 mg/l		.0025 mg/l	2009	Erosion of natural deposits
THALLIUM	.002 mg/l	.002 mg/l	<0.0005 mg/l		2009	Discharge from electronics, glass, and drug factories
LEAD+	AL=15 ppb	0 ppb		<.0005 - <.0012 mg/l	2009	Customer plumbing and service connection
COPPER+	AL=1.3 mg/l	1.3 mg/l		.0022 mg/l - .3561 mg/l	2009	Customer plumbing and service connection
NITRATE	10 mg/l	10 mg/l	<0.02 mg/l		2010	Erosion of natural deposits, runoff from fertilizer use
NITRITE	1 mg/l	1 mg/l	<0.05 mg/l		2010	Erosion of natural deposits, runoff from fertilizer use
NITRATE+NITRITE	10 mg/l	10 mg/l	<0.25 mg/l		2010	Erosion of natural deposits, runoff from fertilizer use

**VOLATILE ORGANIC CONTAMINANTS**

CHLORINE	4 mg/l	4 mg/l	1.27 mg/l		2010	Water additive to control microbes
TOTAL	80 ppb	NA	0 ppb		2010	By-products of drinking water chlorination
HALOACETIC ACID	60 ppb	NA	0.0 ppb		2010	By-products of drinking water chlorination

**ADDITIONAL CONTAMINANTS**

IRON ++*	.3 mg/l	NA		.10 mg/l -0.41 mg/l ^	2010	Erosion of natural deposits
MANGANESE++	.05 mg/l	NA		0.016 mg/l - 0.141 mg/l ^	2006	Erosion of natural deposits
COLIFORM	1 positive	1 positive		2 Positive	2010	TCR Violation July 2010

ests are required annually ++Test results before treatment + Test required every 3years ^ Results before filtration

**TABLE OF DEFINITIONS**

**AL (Action Level):** The concentration of a contaminant which, if exceeded, triggers a treatment of other requirements which a water system must follow.

**MCL (Maximum Contaminant Level):** The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the MCLGs as is economically and technologically feasible.

**MCLG (Maximum Contaminant Level Goal):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U. S. Environmental Protection Agency.

**MRDL (Maximum Residual Disinfectant Level):** The level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

**MRDLG (Maximum Residual Disinfectant Level Goal):** The level of a disinfectant added for water treatment below which there is no known or expected risk to health. MRDLs are set by the U. S. Environmental Protection Agency.

**SOURCE WATER ASSESSMENT**

The Safe Drinking Water Act (1996) mandates states to develop and implement Source Water Assessment Programs designed to notify public water systems and their customers regarding the susceptibility of the potable water supply to contamination (i.e. spills, floods, etc.). The Mississippi Department of Environmental Quality has completed our SWA. MDEQ has determined the rankings of our wells as follows: 3 wells "low", 6 wells "moderate", and 2 wells "high". These rankings are used to notify systems in Mississippi of the relative susceptibility of their wells to contamination. Wells with high ranking have a higher chance of becoming contaminated than the average public water well in Mississippi, but they should not be considered as unsafe sources of drinking water. Likewise, it should not be construed that those public water system wells with low susceptibility rankings are totally immune from contamination events; however, such wells are less susceptible than the average well operating in the state. A moderate susceptibility ranking signifies wells that have an average chance of becoming contaminated; these wells serve as the norm or standard for comparison. The final susceptibility ranking represents a "snap shot" in time, and thus, are subject to modification as conditions associated with wells and potential contaminant sources located around wells change with time. A copy of the Source Water Assessment for Corinth's water system is available for viewing at our office during business hours.

**CALL BEFORE YOU DIG**

YOU CAN SUBMIT A REQUEST ONLINE @ [WWW.MSICALL.ORG](http://WWW.MSICALL.ORG)

OR

YOU CAN CALL 811 TO SUBMIT A REQUEST

<b>Company Detail</b>	
Company Name	CORINTH GAS & WATER
Address	PO BOX 1870 CORINTH, MS 38835-1870
Contact Name	KATHY ELLIS
Phone Number	(662)286-2263
Profit Indicator	P
<b>PS Form 3607R - Mailing Transaction Receipt</b>	
Permit Holder Permit Number	221
Permit Holder Permit Type	PI
Permit Holder CRID	2560224
Mailing Agent Name	
Mailing Agent Permit Number & Type	
Mail Owner Name	
Mail Owner Permit Number & Type	
Customer Reference ID	
CAPS Transaction Number	N/A
Class of Mail	Standard Mail
Processing Category	Letters
Postage Statement ID	113575663
Mailing Group ID	95846365
Mailer's Mailing Date	06/08/2011
Total Pieces	6,002 pcs.
Weight of a single-piece	0.0209 lbs.
Total Weight	195.6700 lbs.
Total Number of Containers	7
Additional Postage	
Total Postage	\$ 1,565.64
Payment Date and Time	06/08/2011 10:43
Payment Transaction Number	201115910432885M1
Transaction Adjusted?	No
Person authorizing adjustment	
Name	
Phone Number	
Accepted at	BMEU CORINTH - 38834-9998
Cost Center	271755-0835
Acceptance Site Mailer ID	
Clerk Initials	SEJ
Mail Arrival Date and Time	06/08/2011 10:38