

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY  
CCR CERTIFICATION FORM  
CALENDAR YEAR 2012

RECEIVED - WATER SUPPLY  
2013 MAY 30 AM 11:02

CITY OF CORINTH GAS + WATER DEPT  
Public Water Supply Name

0020002  
List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) 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 or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **Since this is the first year of electronic delivery, we request you mail or fax a hard copy of the CCR and Certification Form to MSDH. Please check all boxes that apply.**

Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*

- Advertisement in local paper (attach copy of advertisement)
- On water bills (attach copy of bill)
- Email message (MUST Email the message to the address below)
- Other \_\_\_\_\_

Date(s) customers were informed: MAY 10 - 20 - 31 - 2013 JUNE 10 - 20 - 28 - 2013

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used \_\_\_\_\_

Date Mailed/Distributed: \_\_\_ / \_\_\_ / \_\_\_

- CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: \_\_\_ / \_\_\_ / \_\_\_
  - As a URL (Provide URL WWW.CGANDW.COM)
  - As an attachment
  - As text within the body of the email message

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 following address (**DIRECT URL REQUIRED**):

WWW.CGANDW.COM ← DIRECT ALSO FOUND ON WWW.CORINTH GAS AND WATER.COM

**CERTIFICATION**

I hereby certify that the 2012 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. 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.

DAVID BASS WATER TREATMENT MANAGER  
Name/Title (President, Mayor, Owner, etc.)



5-28-2013  
Date

Deliver or send via U.S. Postal Service:  
Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

May be faxed to:  
(601)576-7800

May be emailed to:  
[Melanie.Yanklowski@msdh.state.ms.us](mailto:Melanie.Yanklowski@msdh.state.ms.us)

## CITY OF CORINTH GAS AND WATER DEPARTMENT

### 2013 WATER QUALITY REPORT



CLIFFORD G. WORSHAM

#### WATER TREATMENT FACILITY

#### 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.

**We are proud to report that the water provided to you by The Corinth Gas & Water Department meets or exceeds all federal and state requirements for quality and safety.**

#### 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.

#### APRIL 1, 2013 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 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. This is to notify you as of this date, your water system has completed the monitoring requirements and is now on compliance with the radionuclides rule. If you have any questions, please contact Karen Walters, Director of Compliance & Enforcement, Bureau of Public Water Supply, at 601-576-7518.

#### Fluoridation

To Comply with the "Regulation Governing Fluoridation of Community Water Supplies" the CORINTH GAS AND WATER DEPARTMENT is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average of sample results were within the optimal range of 0.7 - 1.30 ppm was 6. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7 - 1.3 ppm was 42%.

**TREATED WATER QUALITY SUMMARY**

The table below lists all of the drinking water contaminants that we detected during the 2012 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.

CONTAMINANT	MCL	MCLG	LEVEL DETECTED	RANGE DETECTED	SAMPLE DATE	TYPICAL SOURCE
<b>INORGANIC CONTAMINANTS</b>						
LEAD	AL= 15ppb		6ppb		2012	Customer plumbing and service connection
COPPER	AL = 1.3 mg/l	1.3 mg/l	.29 mg/l		2012	Customer plumbing and service connection
NITRATE	10 mg/l	10mg/l	<.08 mg/l		2012	Erosion of natural deposits, runoff from fertilizer use
NITRITE	1 mg/l	1 mg/l	<0.25 mg/l		2012	Erosion of natural deposits, runoff from fertilizer use
NITRATE + NITRITE	10 mg/l	10mg/l	<0.1 mg/l		2012	Erosion of natural deposits, runoff from fertilizer use
<b>DISINFECTION BY-PRODUCTS</b>						
CHLORINE	4 mg/l	4 mg/l	1.6 mg/l	1.0 - 2.30 mg/l	2012	Water additive to control microbes
TRICHALOMETHANS	80 ppb	NA	43.8 ppb		2012	By-products of drinking water chlorination
HALOACETIC ACID	.05 mg/l	NA	7.0 ppb		2012	By-products of drinking water chlorination
<b>VOLATILE ORGANIC CONTAMINANTS</b>						
XYLENES	10000 ppb	NA	4.71 ppb		2012	Discharge from petroleum factories; discharge from chemical factories
ETHYLBENZENE	700 ppb	NA	1.13 PPB		2012	Discharge from petroleum refineries
<b>ADDITIONAL CONTAMINANTS</b>						
IRON <sup>++</sup> *	.3 mg/l	NA		.10 -.41 mg/l ^	2012	Erosion of natural deposits
MANGANESE <sup>++</sup>	.05 mg/l	NA		.016 - .141 MG/L ^	2006	Erosion of natural deposits
COLIFORM	1 POSITIVE	1 POSITIVE		0 POSITIVE	2012	Naturally present in the environment
* Tests 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.

**NA:** Not applicable.

**ND:** Not detected.

**ppb (parts per billion):** One part substance per billion parts of water, or Ug/l micrograms per liter.

**ppm (parts per million):** One part substance per million parts water, or mg/l milligrams per liter.

**PDWS (Primary Drinking Water Standards):** MCL's and MRDL's for contaminants that affect health along with the requirements for monitoring, reporting and treatment.

**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.MS1CALL.ORG](http://WWW.MS1CALL.ORG)

OR

YOU CAN CALL **811** TO SUBMIT A REQUEST

**CORINTH GAS & WATER DEPT.**

P.O. BOX 1870  
CORINTH, MS 38835-1870



ADDRESS SERVICE  
REQUESTED

PRE-SORTED  
FIRST CLASS MAIL,  
U.S. POSTAGE PAID  
CORINTH, MS 38835  
PERMIT NO. 221

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CORINTH SEWER TREATMENT PLANT  
P O BOX 669  
CORINTH MS 38835-0669



**CORINTH GAS & WATER DEPT.**  
305 WEST WALDRON • P.O. BOX 1870 • CORINTH, MS 38835-1870  
TELEPHONE (662) 286-2263

CITY OF CORINTH  
GAS & WATER DEPT.  
P.O. BOX 1870  
CORINTH, MS 38835-1870

CUSTOMER NAME:

CORINTH SEWER TREATM  
ACCOUNT NUMBER:

5831-3

BILLING DATE
5/20/13
NET AMOUNT DUE
451.34
GROSS AMOUNT DUE
451.34

FOR "WARM NEIGHBOR" CONTRIBUTION  
CHECK HERE AND ADD \$1.00 TO YOUR  
PAYMENT

RETURN THIS STUB WITH  
YOUR PAYMENT

CUSTOMER	BILLING DATE	PAST DUE AFTER	DAYS	
5831-3	5/20/13	6/04/13	30	K
SERVICE	PREVIOUS	CURRENT	MULT.	USAGE
WTR	4/16 10955	5/16 1104000.0		8500
WATER/COM 4"TR			448.00	
FIRE HYDRANT FEE			3.34	
TOTAL AMOUNT DUE			451.34	

OUR 2012 WATER QUALITY REPORT  
IS AVAILABLE AT WWW.CGANDW.COM  
OR BY CALLING 662-286-2263.

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↓ FOLD HERE ↓

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*David*

KC (PO13695121) TECUMSEH WH  
ATTN: JUSTIN SIMPSON  
3461 CR 100  
CORINTH MS 38834



**CORINTH GAS & WATER DEPT.**

305 WEST WALDRON • P.O. BOX 1870 • CORINTH, MS 38835-1870  
TELEPHONE (662) 286-2263

CITY OF CORINTH  
GAS & WATER DEPT.  
P.O. BOX 1870  
CORINTH, MS 38835-1870

CUSTOMER NAME:

KC (PO13695121) TECUMS

ACCOUNT NUMBER:

50859-8

CUSTOMER	BILLING DATE	PAST DUE AFTER	DAYS	
50859-8	5/10/13	5/28/13	29	K

SERVICE	PREVIOUS	CURRENT	MULT.	USAGE
WTR	3/18 298	4/16 303	1.0	5
WATER/IND 2"TR 7%				47.00
SEWER COM-IND/TR2Z				20.75
WATER STATE TAX				3.29
TOTAL AMOUNT DUE				71.04

BILLING DATE
5/10/13
NET AMOUNT DUE
71.04
GROSS AMOUNT DUE
71.04

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