2015 JUN -3 AM 8:54

**MISSISSIPPI STATE DEPARTMENT OF HEALTH**
**BUREAU OF PUBLIC WATER SUPPLY**
**CCR CERTIFICATION**
**CALENDAR YEAR 2014**

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. **You must mail, fax or email a copy of the CCR and Certification 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: 5/11/15, 5/20/15, 5/31/15

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**):

_____

**CERTIFICATION**

I hereby certify that the 2014 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.

*Name/Title (President, Mayor, Owner, etc.)*

6-1-15
*Date*

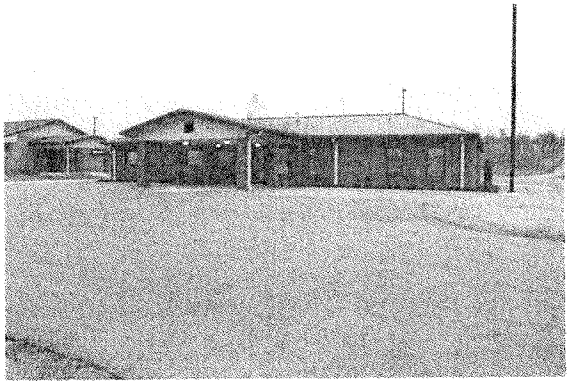
***Deliver or send via U.S. Postal Service:***
***Bureau of Public Water Supply***
***P.O. Box 1700***
***Jackson, MS 39215***

***May be faxed to:***
***(601)576-7800***

***May be emailed to:***
water.reports@msdh.ms.gov

# CITY OF CORINTH GAS AND WATER DEPARTMENT

## 2015 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/safe water/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.

### FLUORDIDATION COMPLIANCE

To comply with the "Regulation Governing Fluoridation of Community Water Supply", CITY OF CORINTH is required to report certain results to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within in the optimal range of 0.7-1.3 ppm was 7. The percentage of fluoride samples collected the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 60%.

### 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.

### 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.

## CALL BEFORE YOU DIG

YOU CAN SUBMIT A REQUEST ONLINE @ WWW.MS1CALL.ORG

OR

YOU CAN CALL 811 TO SUBMIT A REQUEST

## TREATED WATER QUALITY SUMMARY

The table below lists all of the drinking water contaminants that we detected during the 2014 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.

| INORGANIC CONTAMINANTS | | | | | | |
|---|---|---|---|---|---|---|
| CONTAMINANT | MCL | MCLG | DETECTED | RANGE DETECTED | DATE | TYPICAL SOURCE |
| ARSENIC | .010 mg/l | NA | .0005 mg/l | | 2014 | Erosion of natural deposits, runoff from orchards |
| BARIUM | 2 mg/l | 2 mg/l | .0157 mg/l | | 2014 | Erosion of natural deposits |
| CHROMIUM | 0.1 ppm | 0.1 ppm | .0008 ppm | | 2014 | Erosion of natural deposits |
| FLUORIDE | 4 mg/l | 4 mg/l | .901 mg/l | | 2014 | Erosion of natural deposits |
| LEAD | 15 ppb | 0 ppb | 6 ppb | | 2013 | Customer plumbing and service connection |
| COPPER | 1.3 mg/l | 1.3 mg/l | .29 mg/l | | 2013 | Customer plumbing and service connection |

| DISINFECTION BYPRODUCTS | | | | | | |
|---|---|---|---|---|---|---|
| CONTAMINANT | MCL | MCLG | DETECTED | RANGE DETECTED | DATE | TYPICAL SOURCE |
| CHLORINE | 4 mg/l | 4 mg/l | 1.70 mg/l | .4-2.40 mg/l | 2014 | Water additive to control microbes |
| TRIHALOMETHANES | 80 ppb | 0 | | 33-128ppb | 2014 | By-products of drinking water chlorination |
| HALOACETIC ACID | 60 ppb | 0 | | 32-90ppb | 2014 | By-products of drinking water chlorination |

DISINFECTION BYPRODUCT RULE WAS VIOLATED ON 09/30/2014. RUNNING ANNUAL AVERAGE WAS 83 PPB. CORRECTIVE ACTIONS HAVE BEEN TAKEN AND SYSTEM IS IN COMPLANCE. Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys or central nervous systems, and may have an increased risk of getting cancer.

| ADDITIONAL CONTAMINANTS | | | | | | |
|---|---|---|---|---|---|---|
| CONTAMINANT | MCL | MCLG | DETECTED | RANGE DETECTED | DATE | TYPICAL SOURCE |
| COLIFORM | 1 positive | 1 positive | | 0 positive | 2014 | Naturally present in the environment |

| VOLATILE ORGANIC CONTAMINANTS | | | | | | |
|---|---|---|---|---|---|---|
| CONTAMINANT | MCL | MCLG | DETECTED | RANGE DETECTED | DATE | TYPICAL SOURCE |
| XYLENES, TOTAL | 10 mg/l | 10 mg/l | .949ppb | | 2014 | Discharge from petroleum/chemical factories |
| DICHLOROMETHANE | 5 ppb | 0 | .547 PPB | | 2014 | Discharge from pharmaceutical and chemical factors |

| UNREGULATED CONTAMINANTS | | | | | |
|---|---|---|---|---|---|
| CONTAMINANT | MRL | DETECTED | RANGE DETECTED | DATE | TYPICAL SOURCE |
| HEXAVALENT CHROMIUM | .030 ppb | 0.093 ppb | .051-.093 ppb | 2013 | Naturally-occurring element |
| STRONTIUM | .30 ppb | 1596 ppb | 90-1596 ppb | 2013 | Naturally-occurring element |
| VANADIUM | .20 ppb | .42 ppb | .25-.42 ppb | 2013 | Naturally-occurring element |
| CHROMIUM | .20 ppb | .59 ppb | | 2013 | Naturally-occurring element |
| 1,4 DIOXANE | .070 ppb | .84 ppb | | 2013 | Used as solvent or solvent stabilizer in manufacturing |
| BROMOCHLOROMETHANE | .010 ppb | | .094-.43 ppb | 2013 | fire-extinguishing fluid or solvent in manufacturing pesticides |
| 1,1 DICHLOROTHANE | .010 ppb | .043 ppb | | 2013 | Halogenated alkane; used as solvent |

## 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.

**MRL (Minimal Risk Level)** Estimate of the daily human exposure to a hazardous substance that is likely to be without appreciable risk of adverse noncancerous health effects over a specified duration of exposure.

**NA:** Not applicable.

**ppb (parts per billion):** One part substance per billion parts of water, or

1µg/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", 7 wells "moderate", and 1 well "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.

## CORINTH GAS & WATER DEPT.

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

| CUSTOMER | BILLING DATE | PAST DUE AFTER | DAYS |
|---|---|---|---|
| 61499-0 | 5/11/15 | 5/26/15 | 7 |

| SERVICE | PREVIOUS | CURRENT | MULT. | USAGE |
|---|---|---|---|---|

BALANCE BROUGHT FORWARD 50.41-
CREDIT BALANCE REFUND 50.41
TOTAL AMOUNT DUE .00

** CLOSED **

OUR 2015 WATER QUALITY REPORT
IS AVAILABLE AT WWW.CGANDW.COM
OR BY CALLING 662-286-2263

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

CUSTOMER NAME:

GLASCO

ACCOUNT NUMBER:

61499-0

BILLING DATE

NET AMOUNT DUE

NONE

GROSS AMOUNT DUE

.00

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

RETURN THIS STUB WITH YOUR PAYMENT

** CLOSED **

## CORINTH GAS & WATER DEPT.

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

| CUSTOMER | BILLING DATE | PAST DUE AFTER | DAYS |
|---|---|---|---|
| 60730-9 | 5/20/15 | 6/04/15 | 7 |

| SERVICE | PREVIOUS | CURRENT | MULT. | USAGE |
|---|---|---|---|---|

BALANCE BROUGHT FORWARD 7.85-
CREDIT BALANCE REFUND 7.85
TOTAL AMOUNT DUE .00

** CLOSED **

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

CUSTOMER NAME:

SWINDLE

ACCOUNT NUMBER:

60730-9

BILLING DATE

NET AMOUNT DUE

NONE

GROSS AMOUNT DUE

.00

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

RETURN THIS STUB WITH YOUR PAYMENT

** CLOSED **

## CORINTH GAS & WATER DEPT.

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

| CUSTOMER | BILLING DATE | PAST DUE AFTER | DAYS |
|---|---|---|---|
| 62307-4 | 5/31/15 | 6/15/15 | 7 |

| SERVICE | PREVIOUS | CURRENT | MULT. | USAGE |
|---|---|---|---|---|

BALANCE BROUGHT FORWARD 18.89-
CREDIT BALANCE REFUND 18.89
TOTAL AMOUNT DUE .00

** CLOSED **

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OR BY CALLING 662-286-2263

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

CUSTOMER NAME:

WREN

ACCOUNT NUMBER:

62307-4

| BILLING DATE |
|---|
| |
| **NET AMOUNT DUE** |
| NONE |
| **GROSS AMOUNT DUE** |
| .00 |

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

RETURN THIS STUB WITH YOUR PAYMENT

** CLOSED **