

**BUREAU OF PUBLIC WATER SUPPLY**

**CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**

Town of Croger  
Public Water Supply Name

0260005  
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 Local public postings

Date customers were informed: 6/25/2012

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

Date Mailed/Distributed:     /     /    

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: 6/25/2012

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.

Kate New Certified Operator  
Name/Title (President, Mayor, Owner, etc.)

6-25-2012  
Date

**2011 Annual Drinking Water Quality Report**  
**Town of Cruger**  
**PWS ID# 0260005**  
**June 2012**

We are pleased to present to you this year's Annual Drinking Water Quality Report. This report is a snapshot of last year's water quality. Included are details about from where your water comes, what it contains, and how it compares to standards set by regulatory agencies. 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 and to providing you with this information, because informed customers are our best allies. Our water source is groundwater. Our well draws from the Middle Wilcox Aquifer.

A Source Water Assessment has been completed for our public water system to determine the overall susceptibility of the drinking water supply and to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water supply and is available upon request. The well for The Town of Cruger has received a moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water, please contact Mayor Mary Ajoku at 662.455.5155. 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 at 7:00 P.M. on the First Tuesday of each month at city hall..

We routinely monitor for over 150 contaminants in your drinking water according to Federal and State laws. The table below lists all the drinking water contaminants that we detected in the last round of sampling for the particular contaminant group. Unless otherwise noted, the data presented in this table is from testing done January 1 through December 31, (2011). As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. All drinking water, including bottled water may be reasonably expected to contain at least small amounts of some constituents. The presence of contaminants does not necessarily indicate that water poses 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:

*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 (ug/L)* - One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

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

*Maximum Contaminant Level (MCL)* - 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 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

### Inorganic Contaminants

| Contaminant (units) | Sample Date | MCL Violation Y/N | Your Water | Range Low High | MCLG | MCL | Likely Source of Contamination   |
|---------------------|-------------|-------------------|------------|----------------|------|-----|--|
| Barium (ppm)        | *2009       | N                 | 0.013      | NO RANGE       | 2    | 2   | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| Chromium (ppb)      | *2009       | N                 | 2.1        | NO RANGE       | 100  | 100 | Discharge from steel and pulp mills; erosion of natural deposits                           |

### Radioactive Contaminants

| Contaminant (units)    | Sample Date | MCL Violation Y/N | Your Water | MCLG | MCL | Likely Source of Contamination |
|------------------------|-------------|-------------------|------------|------|-----|--------------------------------|
| Alpha emitters (pCi/L) | *2009       | N                 | 1.5        | 0    | 15  | Erosion of natural deposits    |

### Lead and Copper Contaminants

| Contaminant (units)                        | Sample Date | Your Water | # of sites found above the AL | MCLG | MCL    | Likely Source of Contamination   |
|--|-------------|------------|-------------------------------|------|--------|--|
| Copper (ppm) (90 <sup>th</sup> percentile) | 2009/11     | 0.2        | 0                             | 1.3  | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Lead (ppb) (90 <sup>th</sup> percentile)   | 2009/11     | 1          | 0                             | 0    | AL=15  | Corrosion of household plumbing systems, erosion of natural deposits                                   |

### Disinfectants and Disinfection Byproducts Contaminants

| Contaminant (units)                 | MCL/MRDL Violation Y/N | Your Water (AVG) | Range Low High | MCLG      | MCL      | Likely Source of Contamination            |
|-------------------------------------|------------------------|------------------|----------------|-----------|----------|---|
| Chlorine (ppm)                      | N                      | 0.83             | 0.6-0.83       | MRDLG = 4 | MRDL = 4 | Water additive used to control microbes   |
| HAA5 (ppb) [Total Haloacetic Acids] | N                      | 9                | NO RANGE       | N/A       | 60       | By-product of drinking water disinfection |

\*Most recent sample. No sample was required in 2011.

### A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING

In accordance with the Radionuclides Rule, all community public water systems 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. This is to notify you that as of this date, your water system has not completed the monitoring requirements. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

We are required to monitor your drinking water for specific contaminants 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 systems complete all monitoring requirements, MSDH now notifies systems of any samples prior to the end of the monitoring period.

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. The Town of Cruger 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 Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

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).

The Town of Cruger 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.

## TOWN OF CRUGER

### 2011 CCR Posting Sites

Customers were made aware of the availability of the 2011 CCR by the posting of the report in the following public places:

1. City Hall
2. Boyd's Convenience Store
3. Local Post Office