



MISSISSIPPI STATE DEPARTMENT OF HEALTH

**BUREAU OF PUBLIC WATER SUPPLY**

**CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**

Delta City Utility District  
Public Water Supply Name

0630003  
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: 8/1/11

- 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. \_\_\_\_\_

**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.

Micah Nightingale / Operator  
Name/Title (President, Mayor, Owner, etc.)

7/14/11  
Date

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

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Delta City Utility District  
June 2011

Where do we get our water?

Our underground water is pumped from wells drawing from the Meridian-Upper Wilcox aquifer.

A source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply and to identify potential sources of contamination. The wells of the Delta City Utility District have received a moderate general susceptibility ranking. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request.

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. Delta City Utility District 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.

Why are there contaminants in my drinking water?

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, 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. More 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

2011  
Annual Drinking Water  
Quality Report

Delta City Utility District  
PWSID# 0630003



Delta City Utility District  
P.O. Box 187  
Delta City, MS 39061

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POSTNET  
39215 723

Bureau of Public Water Supply  
Attn: Melanie  
PO Box 1700  
Jackson, MS 39215-1700

39215 723



The Delta City Utility District 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 1st to December 31, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. We tested for over 30 contaminants last year. We only detected 14 of those contaminants, and found none at a level higher than the EPA allows. We are committed to providing you with information because informed customers are our best allies.

Contaminant	Date Sampled	Violation Y/N	Test Results		MCLG	MCL	Likely Source of Contamination
			Range	Avg.			
<b>Inorganic Contaminants</b>							
Arsenic (ppb)	2010	N	0.52-0.7		N/A	50	Erosion of natural deposits; Runoff from orchards; runoff from glass and electronics production wastes.
Barium (ppm)	2010	N	0.011-0.013			2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium (ppb)	2010	N	0.713-24.6			100	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride (ppm)	2010	N	1.07-1.13			4	Water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Thallium (ppb)	2010	N	0.817			0.5	Leaching from ore-processing sites; discharge from electronics, glass and drug factories
Lead (ppb)	2008	N	0.0007	0.0012	N/A	AL=15	Erosion of household plumbing; erosion of natural deposits
Copper (ppm)	2008	N	0.0878	0.3192	N/A	AL=1.3	Corrosion of household plumbing; erosion of natural deposits; leaching from wood preservatives
Nitrate [measured as Nitrogen] (ppm)	2008	N	<.08	0	10	10	Runoff from fertilizer use; leaching from septic tanks
Selenium (ppb)	2010	N	2.6			50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
<b>Volatile Organic Contaminants</b>							
Xylenes (ppb)	2010	N	1.76			10000	Discharge from petroleum factories; Discharge from chemical factories
Carbon tetrachloride (ppb)	2008	N	0.185	1.25	0	5	Discharge from chemical plants and other industrial activities.
<b>Disinfectants &amp; Disinfection By-Products</b>							
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)							
THM [Total Trihalomethanes] (ppb)	2010	N	28.5	29	0	80	By-product of drinking water chlorination
HAAs [Haloacetic Acids] (ppb)	2010	N	10	13	0	60	By-product of drinking water chlorination
Chlorine (ppm)	2010	N	0.1-1.96	1.34	N/A	4	Water additive; used for microbe control

#### Definitions

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:

**Maximum Contaminant Level (MCL)**-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 (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.

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

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.

#### Do I need to take special precautions?

*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).*

#### Contact Us

We want our valued customers to be informed about their water utility. If you have any questions, call Micah Nightingale at 662-379-6600. If you want to learn more, please attend any of our regularly scheduled meetings. They are held monthly at the Sharkey County Community building on Catchings Rd., on the third Monday of each month.

**Delta City Utility District**  
Public Water Supply  
ID# 0630003

P.O. Box 187  
Delta City, MS 39061  
662-379-6600