

2012 JUN 29 AM 10: 35

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORMDelta City Utility District
Public Water Supply Name630003
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: 6/28/12

- 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.)6/28/12
Date

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

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

First Class Mail
US Postage Paid
Glen Allen, MS 38744
Permit #122

Annual Drinking Water 2012 Quality Report

Delta City Utility District
PWSID# 0630003

*collected
copy*



Delta City Utility District June 2012

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.

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

Delta City Utility District

ID# 0630003

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

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.

Contact Us

We want our valued customers to be informed about their water utility. If you have any questions, call us 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.

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 your monitoring for the period of January 1st to December 31, 2011. In cases where monitoring wasn't required or nothing was detected in 2011, the table reflects the most recent results. We tested for over 30 contaminants last year. We only detected 14 of those contaminants, and found 1 at a level higher than the EPA allows. We are committed to providing you with information because informed customers are our best allies.

Test Results

Contaminant	Date Sampled	Violation Y/N	Range	Avg	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants							
Arsenic (ppb)	2010	N	0.52-0.7		N/A		Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes; Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Barium (ppm)	2010	N	0.011-0.013		2		Discharge from steel and pulp mills; 2 deposits
Chromium (ppb)	2010	N	0.713-24.6		100	100	erosion of natural deposits Water additive which promotes strong teeth; discharge from fertilizer and 4 aluminum factories
Fluoride (ppm)	2010	N	1.07-1.13		4		Leaching from ore-processing sites; discharge from electronics, glass and 2 drug factories
Thallium (ppb)	2010	N	0.817		0.5		Erosion of household plumbing; erosion of natural deposits
Lead (ppb)	2011	N	1		N/A	AL=15	Corrosion of household plumbing; erosion of natural deposits
Copper (ppm)	2011	N	0.1		N/A	AL=1.3	leaching from wood preservatives
Nitrate (measured as Nitrogen) (ppm)	2008	N	<08		0	10	Runoff from fertilizer use; leaching from septic tanks
Selenium (ppb)	2010	N	2.6		50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Volatile Organic Contaminants							
Xylenes (ppb)	2010	N	1.76		10000	10000	Discharge from petroleum factories; Discharge from chemical factories
Carbon tetrachloride (ppb)	2008	N	0.165		1.25	0	5 and other industrial activities
Disinfectants & Disinfection By-Products							
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)							
Total Trihalo-methanes (ppb)	2011	Y	83		0	80	By-product of drinking water chlorination
Halooacetic Acids (ppb)	2011	N	25		0	60	By-product of drinking water chlorination
Chlorine (ppm)	2011	N	0.1-1.96		1.34	N/A	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.

Violations

A 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 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 infection 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 public water supply 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.

Disinfection By-Products

As you were informed at the time, we found TTHMs at higher levels than allowed. We are working with the Health Department to bring these levels down.

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).

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

2012 Annual Drinking Water Quality Report

Delta City Utility District
PWSID# 0630003



First Class Mail
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Delta City Utility District

June 2012

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ID# 0630003

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Barium (ppm)	2010	N	0.011-0.013	2	2	2	Discharge from steel and pulp mills; erosion of natural deposits
Chromium (ppb)	2010	N	0.713-24.6	100	100	100	Water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Fluoride (ppm)	2010	N	1.07-1.13	4	4	4	Leaching from ore-processing sites; discharge from electronics, glass and 2 drug factories
Thallium (ppb)	2010	N	0.817	0.5	0.5	2	Erosion of household plumbing; corrosion of natural deposits
Lead (ppb)	2011	N	.001-.006	0.0025	N/A	AL=15	Corrosion of household plumbing; erosion of natural deposits;
Copper (ppm)	2011	N	.0064-.21	0.08	N/A	AL=1.3	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	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Volatile Organic Contaminants							
Xylenes (ppb)	2010	N	1.76	10000	10000	10000	Discharge from petroleum factories; Discharge from chemical factories
Carbon tetrachloride (ppb)	2008	N	0.165	1.25	0	5	and other industrial activities.
Disinfectants & Disinfection By-Products							
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)							
Total Trihalo-methanes (ppb)	2011	Y	83-87	0	80	80	By-product of drinking water chlorination
Halocetic Acids (ppb)	2011	N	10	13	0	60	By-product of drinking water chlorination
Chlorine (ppm)	2011	N	0.1-1.96	1.34	N/A	4	Water additive; used for microbe control

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DELTA CITY UTILITY DISTRICT
 P.O. BOX 187
 DELTA CITY, MS 39061 (662) 379-6600

METER READ	07/26/12	08/28/12	USAGE	AMOUNT
	779500	789900	10400	

Prior Balance 66.40
 Payments -66.40
 WATER 62.60
 METER CHG 1.00

Total Due	63.60
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DELTA CITY UTILITY DISTRICT
 MATT BOYKIN
 3451 HWY 434
 ROLLING FORK MS 39159

AUTO 

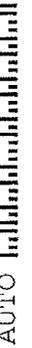
Glen Allan UD
 P.O. BOX 122
 GLEN ALLAN, MS 38744 (662) 379-6600

METER READ	07/13/12	08/15/12	USAGE	AMOUNT
	38400	389400	5000	

Prior Balance 56.76
 WATER 24.25
 SEWER 24.25
 Late Fee 5.00

Total Due	110.26
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DELTA CITY UTILITY DISTRICT
 JEFF ARRINGTON
 P.O. BOX 141
 GLEN ALLAN MS 38744

AUTO 

South Sunflower Water Assn
 P.O. BOX 88
 Inverness, MS 38753 (662) 379-6600

First Class Mail
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 Glen Allan, MS 38756
 Permit #122

METER READ	07/18/12	08/16/12	USAGE	AMOUNT
	258500	281600	23100	

Prior Balance 80.50
 Payments -80.50
 WATER 77.20

Total Due	77.20
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Total Due	77.20	112 Mamie Lee Rd
DUE DATE 09/20/12	IF LATE PAY 88.78	RETURN THIS STUB WITH PAYMENT
ACCT NO. 205500	AMT DUE 77.20	

A corrected Consumer Confidence Report is available upon request.
 South Sunflower Water Assn

Matt Griffin
 112 Mamie Lee Rd
 Inverness MS 38753

AUTO 