

APPROVED

BUREAU OF PUBLIC WATER SUPPLY  
CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM

\* COLUMBUS LIGHT AND WATER  
Public Water Supply Name

\* 0440003  
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: 6/23/09

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.

TODD COLE MANAGER  
Name/Title (President, Mayor, Owner, etc.)

7/1/09  
Date

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

# WATER QUALITY DATA TABLE & TEST RESULTS



**WHERE DO WE GET OUR WATER?**  
Our underground water is pumped from eight wells drawing from the massive sand of the Lower Natchitoches Aquifer.

**SOURCE WATER PROTECTION**

The source water assessment has been completed for our public water system to identify potential sources of contamination and determine the overall susceptibility of the drinking water supply.

**CONTACT US**

As a valued customer, we want you to be informed about your water utility. If you have any questions, please contact Columbus Light & Water at 662-328-7192, Monday through Friday from 8:00 a.m. to 5:00 p.m.

**WATER QUALITY**

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 chemical and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of 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 1-800-426-4771.

**TESTING**

The Columbus Light & Water Department routinely monitors for constituents in your drinking water according to Federal and Mississippi state laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2008. In cases where monitoring was required in 2007, this table reflects the most recent results. As you can see by this table, our system and its violations. We're proud that your drinking water meets or exceeds all federal and state requirements. We have learned through our monitoring and testing that some constituents have been detected, however the EPA has determined that your water is safe at these levels.

**Monitoring and Reporting of Compliance Data Violations**

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDHF) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system failed to complete these monitoring requirements, therefore we cannot be sure of your water quality during this time. If you would like a list of the months we were out of compliance, please contact us at 662-328-7192.

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**SPECIAL POPULATIONS**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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 ways to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline: 1-800-426-4771.

At Columbus Light & Water we work around the clock to provide top quality water to every tap. Please call our office if you have any questions. 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.

Contaminant	Units	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
<b>DISINFECTANT BYPRODUCTS</b>																				
<b>Total Trihalomethanes (TTHM)</b>																				
Total Trihalomethanes (TTHM)	mg/L	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
<b>ORGANIC CHEMICALS</b>																				
<b>Arsenic</b>																				
Arsenic	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
<b>Boron</b>																				
Boron	mg/L	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156	0.019156
<b>Beryllium</b>																				
Beryllium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
<b>Cadmium</b>																				
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
<b>Chromium</b>																				
Chromium	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
<b>Cyanide</b>																				
Cyanide	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>Lead</b>																				
Lead	mg/L	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031
<b>Mercury</b>																				
Mercury	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
<b>Nitrate</b>																				
Nitrate	mg/L	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00	<0.00
<b>Nitrite</b>																				
Nitrite	mg/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
<b>Selenium</b>																				
Selenium	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
<b>Total Hardness</b>																				
Total Hardness	mg/L	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
<b>Trihalomethanes</b>																				
Trihalomethanes	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>Organic Chemicals</b>																				
<b>Chloroform</b>																				
Chloroform	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>Dibromochloromethane</b>																				
Dibromochloromethane	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>Bromochloromethane</b>																				
Bromochloromethane	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>Bromoform</b>																				
Bromoform	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>1,1-Dichloroethene</b>																				
1,1-Dichloroethene	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>1,2-Dichloroethene</b>																				
1,2-Dichloroethene	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>1,1,1-Trichloroethene</b>																				
1,1,1-Trichloroethene	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>1,1,2-Trichloroethene</b>																				
1,1,2-Trichloroethene	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
<b>Styrene</b>																				
Styrene	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

\*Based on Part 141 of the National Sanitation Foundation Water Quality Standards (NSFQWS) for drinking water.



COLUMBUS  
LIGHT AND WATER DEPARTMENT

420 4th Avenue South  
P. O. Box 949  
Columbus, Mississippi 39703  
Telephone: (662) 328-7192  
Fax: (662) 243-7408

440003

Fax Transmission Sheet

Date: 7/1/09

To: Sally Bishop

Fax #: (601) 576-7800

From: Jodd Hale

Document Transmitted: CCR Report

Total Number of Pages Including Cover Sheet: 2

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please Notify Sender If The Message Is Incomplete Or Unclear.

Thank You.



COLUMBUS  
LIGHT AND WATER DEPARTMENT

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RECEIVED-WATER SUPPLY

2009 JUL -2 PM 1:51

July 1, 2009

Ms. Sally Bishop  
Bureau of Public Water Supply  
P.o. Box 1700  
Jackson, MS 39215

Dear Ms. Bishop:

Enclosed is the signed Consumer Confidence Report Certification Form along with the inserted CCR Report. As per our phone conversation, a copy was faxed to you today.

If you have any questions, please feel free to give me a call.

Sincerely,

Todd Gale  
General Manager

2009 JUL -2 PM 1:51

**BUREAU OF PUBLIC WATER SUPPLY**

**CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**

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Public Water Supply Name

● 0440003  
List PWS ID #s for all Water Systems Covered by this CCR

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  - Advertisement in local paper
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  - Other \_\_\_\_\_

Date customers were informed: \_\_\_ / \_\_\_ / \_\_\_

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

Date Mailed/Distributed: 6/30/09

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Name of Newspaper: \_\_\_\_\_

Date Published: \_\_\_ / \_\_\_ / \_\_\_

- CCR was posted in public places. *(Attach list of locations)*

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TODD COLE MANAGER  
Name/Title (President, Mayor, Owner, etc.)

7/1/09  
Date

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

# DEREK CRIDDLE: *Hometown Hero*



Often the sacrifices of the men and women who bravely serve our Nation go unnoticed, as we work side by side with soldiers going about the business of day to day life. Yet, for so many who have answered the call to military service, an extraordinary amount of hard work and dedication is a routine part of living. Among these heroes who humbly serve and defend our freedom is Columbus Light & Water's Derek Criddle.

As a junior at New Hope High School, Criddle was anxious to become a member of the United States Armed Forces and began exploring his options. The Army Reserves offered him the opportunity to begin serving while finishing up school, and he jumped at the chance.

Several influences inspired him to make this commitment at such a young age. He credits his loving and supportive family with instilling a love of country in him at an early age. Criddle has also always loved to be outdoors enjoying hunting, fishing and sports, and he admits that his uncle who served in the Navy was added inspiration. Three years later, Criddle is glad he made the decision to join when he did, and he is looking forward to the challenges ahead.

Unlike active duty military, Reservists can remain in their hometown and work a civilian job, obligated to report for military training and exercises every so often, until their unit is activated. When at home in Columbus, Criddle works in the water department at Columbus Light & Water as part of a water distribution crew that installs and checks water lines. However, last October, Criddle's Reserve unit was activated, and he has been stationed at Fort Benning, GA, since then working full-time on military operations.

As a supply specialist, Criddle is responsible for issuing gear and other necessities, often working long days and weekends.

"I issue everything, from socks to body armor, trying to make sure every soldier gets what he needs. A lot of these guys will be in harm's way, so I do my best to make sure they're equipped to do their jobs," he says.

Despite working so hard, Criddle says he's glad to do it.

He shares, "The camaraderie is like no other. Everyone is working together and is dedicated and focused on the same goal."

Criddle realizes that a deployment for his Reserve unit is inevitable, but he knows he's ready. "This is what we've all trained for. I'm ready, and I'd love to go and do what I can."

This humble soldier demonstrates the qualities of a true hometown hero. Columbus Light & Water salutes Derek Criddle for his service, along with our other brave military men and women. ☺

# WattsNew

NEWSLETTER OF COLUMBUS LIGHT & WATER • SUMMER 2009



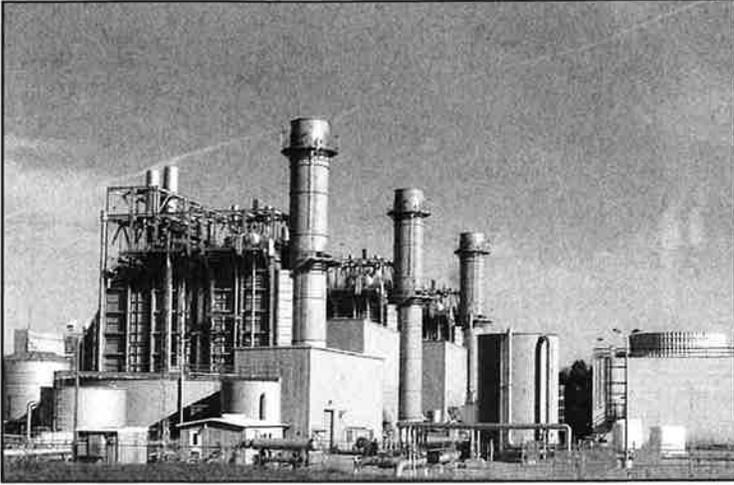
## Partnership Creates “GREEN” Energy

Think of energy and conservation, and the word “green” comes to mind. Columbus Light and Water has been going green since before 2002. One project treks 17 miles to achieve green results by using treated wastewater as a resource for energy generated by natural gas.

In efforts to conserve resources and save money, rather than using the city’s existing water supply, the Columbus Utility Commission contracted with Neel-Schaffer, Inc. to explore other options for supplying potable water for cooling purposes to the TVA-leased Caledonia Combined-Cycle Plant. The study confirmed the Columbus Light & Water Wastewater Treatment Plant effluent treated wastewater could be utilized for cooling purposes within budget.



A 17-mile pipeline project with pumping facilities capable of delivering 7.5 million gallons per day was constructed under a design/build arrangement between Columbus Light & Water and Cogentrix (now Caledonia Combined-Cycle Plant leased to TVA). Approximately 80 percent of the water treatment plant effluent is used for cooling at the Caledonia plant. *(continued inside)*



Twenty percent is returned to the wastewater treatment plant for further treatment before being added to the regular plant discharge.

“The partnership between Columbus Light & Water and TVA benefits all involved including the consumer,” explains Steve Barksdale, water and sewer superintendent at Columbus Light & Water. “We are able to dispose of treated wastewater effluent for industrial use by TVA. This use of recycled water eliminates the need to pull water from our natural water supply, therefore conserving the water supply for future use by our consumer. Columbus Light & Water is proud to be

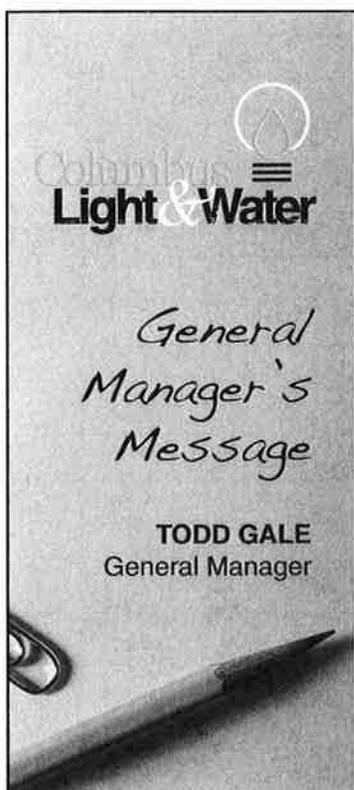
a part of this green project and is committed to protecting our natural resources.”

The \$15 million waterline project was completed in 2002, making the Caledonia energy facility one of the most environmentally friendly power plants in Mississippi as far as water supply is concerned.

Columbus Light & Water also partners with TVA on its Green Power Switch program. Customers can buy green power in 150-kilowatt-hour blocks (about 12 percent of a typical household’s monthly use). The green power a customer pays for will be added to TVA’s electric system as part of the Valley’s total power mix.

There are many ways the customer can become a partner in energy conservation. To learn about energy saving measures for summertime long on to [www.energyright.com](http://www.energyright.com).

Whether business partnerships or consumer partnerships, by working together we can conserve energy and help the environment. The result is a better quality of life for the residents of Columbus. ♻️



**Columbus Light & Water**

*General Manager's Message*

**TODD GALE**  
General Manager

*CHANGING TIMES: Winston Churchill said, “There is nothing wrong with change if it is in the right direction.” The question is, “What is the right direction?” With the changing times, it is hard to recognize what direction to take.*

*Over time, Columbus Light & Water’s direction has been to provide you with reliable and clean electricity and water. Columbus Light & Water is continuing to invest in our infrastructure and striving to provide great customer service while keeping our rates as low and competitive as possible.*

*We are wrapping up a three year capital improvement program which has invested in two new electrical substations, the rehabilitation of the Reynolds Ridgley Wastewater Treatment Plant and the rehabilitation of numerous water and sanitary sewer mains throughout the city. Like most communities dealing with aging infrastructure, we still have a lot of work to do. There is no quick fix, and we will continue to work towards improving our facilities and service.*

*In addition, we understand the economy is down but hopefully rebounding. As you in your daily lives have had to cut your expenses, we at Columbus Light & Water have attempted to do the same.*

*Over the last six months our customers have seen a decrease in electrical cost due to the reduction of TVA’s fuel cost adjustment. However, in today’s economic environment and with upcoming federal legislation, I would encourage you to take this opportunity to reduce your electrical use by weatherization of your home or business and utilize cost savings tips. Suggestions can be found through the TVA link on our website, [www.columbuslw.com](http://www.columbuslw.com).*

*I wish you and yours a happy and safe summer into the future.*

*Todd Gale*

# WATER QUALITY DATA TABLE & TEST RESULTS



## WHERE DO WE GET OUR WATER?

Our underground water is pumped from eight wells drawing from the massive sand of the lower Tuscaloosa Aquifer.

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At Columbus Light & Water we work around the clock to provide top quality water to every tap. Please call our office if you have any questions. 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.

RECEIVED - WATER SUPPLY  
2009 JUL-2 PM 1:51

Contaminant	Violation Y/N	Date Collected	Level Detected	MCL	Likely Source of Contamination
<b>DISINFECTION BYPRODUCTS</b>					
Total Haloacetic Acids (HAA5)	N	2008	<6.0 ppb	0.060 ppm	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHM)	N	2008	1.52 ppb	0.080 ppm	Byproduct of drinking water disinfection
<b>INORGANIC CHEMICALS</b>					
Antimony	N	2005	<0.0005 ppm	0.0006 ppm	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Arsenic	N	2004	<0.0005 ppm	0.05 ppm	Erosion of natural deposits; runoff from orchards, runoff from glass & electronics production wastes
Barium	N	2004	0.007978 ppm* 0.013155 ppm**	2 ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beryllium	N	2004	<0.0001 ppm	0.004 ppm	Discharge from metal refineries & coal-burning factories; discharge from electrical, aerospace, & defense industries
Cadmium	N	2004	<0.0001 ppm	0.005 ppm	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries & paints
Chromium	N	2004	<0.0005 ppm	0.1 ppm	Discharge from steel and pulp mills; erosion of natural deposits
Cyanide	N	2006	<0.005 ppm	0.2 ppm	Discharge from steel/metal, plastic & fertilizer factories
Flouride	N	2004	0.980080 ppm* 1.350847 ppm**	4 ppm	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer & aluminum factories
Lead	N	2007	0.001 mg/L	0.015 mg/L	
Mercury	N	2004	<0.0002 ppm	0.002 ppm	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills & croplands
Nitrate	N	2008	<0.08 ppm	10 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
Nitrite	N	2008	<0.02 ppm	1 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
Nitrate+Nitrite	N	2008	<0.1 ppm	10 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
Selenium	N	2004	<0.0005 ppm	0.05 ppm	Discharge from petroleum refineries; erosion of natural deposits; discharge from mines
Thallium	N	2004	<0.0005 ppm	0.002 ppm	Leaching from ore-processing sites; discharge from electronics, glass & drug factories
<b>ORGANIC CHEMICALS</b>					
Benzene	N	2004	<0.5 ppb	5 ppb	Discharge from factories; leaching from gas storage tanks & landfills
Carbon Tetrachloride	N	2004	<0.5 ppb	5 ppb	Discharge from chemical plants & industrial activities
CIS- 1, 2-Dichloroethylene	N	2004	<0.5 ppb	70 ppb	Discharge from meat & fish industries; discharge from pharmaceutical industries
Dichlorobenzene	N	2004	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
O-Dichlorobenzene	N	2004	<0.5 ppb	600 ppb	Discharge from industrial chemical factories
P-Dichlorobenzene	N	2004	<0.5 ppb	75 ppb	Discharge from industrial chemical factories
1, 2-Dichloroethane	N	2004	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
1, 1-Dichloroethylene	N	2004	<0.5 ppb	7 ppb	Discharge from industrial chemical factories
1, 2-Dichloropropane	N	2004	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
Ethylbenzene	N	2004	<0.5 ppb	700 ppb	Discharge from petroleum refineries
Monochlorobenzene	N	2004	<0.5 ppb	100 ppb	Discharge from paint, glass & ceramic industries
Tetrachloroethylene	N	2004	<0.5 ppb	5 ppb	Discharge from factories & dry cleaners
Trans- 1, 2-Dichloroethylene	N	2004	<0.5 ppb	100 ppb	Discharge from industrial chemical factories
1, 1, 1-Trichloroethane	N	2004	<0.5 ppb	200 ppb	Discharge from metal degreasing sites & factories
Trichloroethylene	N	2004	<0.5 ppb	5 ppb	Discharge from metal degreasing sites & factories
1, 1, 2-Trichloroethane	N	2004	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
1, 2, 4-Trichlorobenzene	N	2004	<0.5 ppb	70 ppb	Discharge from textile finishing factories
Toluene	N	2004	<0.5 ppb	1000 ppb	Discharge from petroleum factories
Styrene	N	2004	<0.5 ppb	100 ppb	Discharge from rubber & plastic factories; leaching from landfills
Vinyl Chloride	N	2004	<0.5 ppb	2 ppb	Leaching from PVC pipes; discharge from plastic factories
Xylenes	N	2004	<0.5 ppb	10000 ppb	Discharge from petroleum & chemical factories



### Lighting the Way

The entrance to Columbus onto Main Street from Highway 82 is now pleasantly illuminated with Columbus Light & Water's new street lamps. The light posts at Riverside Park beautify and illuminate the walkway and are maintained by Columbus Light & Water.



### IN CASE OF EMERGENCY

**Call 243-7440**

### CONTACT US IMMEDIATELY TO REPORT:

- Full or partial power outages
- A downed power line (Please DO NOT touch the line!)
- Water spewing from the ground, road or fire hydrant

PRESORT STD  
US POSTAGE  
PAID  
COLUMBUS, MS  
PERMIT NO. 200

Columbus  
Light & Water  
Post Office Box 949  
Columbus, MS 39703

4/4/03



## Water Quality Data Table & Test Results

### WHERE DO WE GET OUR WATER?

Our underground water is pumped from eight wells drawing from the massive sand of the lower Tuscaloosa Aquifer.

### SOURCE WATER PROTECTION

The source water assessment has been completed for our public water system to identify potential sources of contamination and determine the overall susceptibility of the drinking water supply.

### CONTACT US

As a valued customer, we want you to be informed about your water utility. If you have any questions, please contact Columbus Light & Water at 662-328-7192, Monday through Friday from 8:00 a.m. to 5:00 p.m.

### WATER QUALITY

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 chemical and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of 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.

### TESTING

The Columbus Light & Water Department routinely monitors for constituents in your drinking water according to Federal and Mississippi state laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2008. In cases where monitoring wasn't required in 2007, the table reflects the most recent results. As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and state requirements. We have learned through our monitoring and testing that some constituents have been detected, however the EPA has determined that your water is safe at these levels.

#### *Monitoring and Reporting of Compliance Data Violations*

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system failed to complete these monitoring requirements, therefore we cannot be sure of your water quality during this time. If you would like a list of the months we were out of compliance, please contact us at 662-328-7192.

Our water system failed to complete these monitoring requirements due to a clerical error. All monthly bacteria samples were taken as required, but failure to properly label one of the samples resulted in this action. This sample tested negative for bacteria but was considered in violation due to this clerical error. Columbus Light & Water strives to meet or exceed all MSDH regulations and requirements.

#### *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 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. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply at 601.576.7518.

#### *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. ABC Water Association 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.

### SPECIAL POPULATIONS

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 ways to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline: 1-800-426-4791.

At Columbus Light & Water we work around the clock to provide top quality water to every tap. Please call our office if you have any questions. 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.

Contaminant	Violation Y/N	Date Collected	Level Detected	MCL	Likely Source of Contamination
<b>DISINFECTION BYPRODUCTS</b>					
Total Haloacetic Acids (HAA5)	N	2008	<6.0 ppb	0.060 ppm	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHM)	N	2008	1.52 ppb	0.080 ppm	Byproduct of drinking water disinfection
<b>INORGANIC CHEMICALS</b>					
Antimony	N	2005	<0.0005 ppm	0.0006 ppm	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Arsenic	N	2004	<0.0005 ppm	0.05 ppm	Erosion of natural deposits; runoff from orchards, runoff from glass & electronics production wastes
Barium	N	2004	0.007978 ppm* 0.013155 ppm**	2 ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beryllium	N	2004	<0.0001 ppm	0.004 ppm	Discharge from metal refineries & coal-burning factories; discharge from electrical, aerospace, & defense industries
Cadmium	N	2004	<0.0001 ppm	0.005 ppm	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries & paints
Chlorine	N	2008	1.89 RAA 1.89 max. mg/L 1.73 min. mg/L	4.0 mg/L	Water additive used to control microbes
Chromium	N	2004	<0.0005 ppm	0.1 ppm	Discharge from steel and pulp mills; erosion of natural deposits
Cyanide	N	2006	<0.005 ppm	0.2 ppm	Discharge from steel/metal, plastic & fertilizer factories
Flouride	N	2004	0.980080 ppm* 1.350847 ppm**	4 ppm	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer & aluminum factories
Lead	N	2008	12 ppb	15 ppb	Corrosion of household plumbing systems; Erosion of natural deposits
Mercury	N	2004	<0.0002 ppm	0.002 ppm	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills & croplands
Nitrate	N	2008	<0.08 ppm	10 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
Nitrite	N	2008	<0.02 ppm	1 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
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<b>ORGANIC CHEMICALS</b>					
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P-Dichlorobenzene	N	2004	<0.5 ppb	75 ppb	Discharge from industrial chemical factories
1, 2-Dichloroethane	N	2004	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
1, 1-Dichloroethylene	N	2004	<0.5 ppb	7 ppb	Discharge from industrial chemical factories
1, 2-Dichloropropane	N	2004	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
Ethylbenzene	N	2004	<0.5 ppb	700 ppb	Discharge from petroleum refineries
Monochlorobenzene	N	2004	<0.5 ppb	100 ppb	Discharge from paint, glass & ceramic industries
Tetrachloroethylene	N	2004	<0.5 ppb	5 ppb	Discharge from factories & dry cleaners
Trans- 1, 2-Dichloroethylene	N	2004	<0.5 ppb	100 ppb	Discharge from industrial chemical factories
1, 1, 1-Trichloroethane	N	2004	<0.5 ppb	200 ppb	Discharge from metal degreasing sites & factories
Trichloroethylene	N	2004	<0.5 ppb	5 ppb	Discharge from metal degreasing sites & factories
1, 1, 2-Trichloroethane	N	2004	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
1, 2, 4-Trichlorobenzene	N	2004	<0.5 ppb	70 ppb	Discharge from textile finishing factories
Toluene	N	2004	<0.5 ppb	1000 ppb	Discharge from petroleum factories
Styrene	N	2004	<0.5 ppb	100 ppb	Discharge from rubber & plastic factories; leaching from landfills
Vinyl Chloride	N	2004	<0.5 ppb	2 ppb	Leaching from PVC pipes; discharge from plastic factories
Xylenes	N	2004	<0.5 ppb	10000 ppb	Discharge from petroleum & chemical factories

\* Treatment Plant North | \*\* Treatment Plant South | MCL = maximum contaminant level | ppm = parts per million | ppb= parts per billion | mg/L= milligrams per liter | RAA = Running Annual Average

# 2008 CCR Contact Information

Date: 7/17/09 Time: 2:46

PWSID: 440003

System Name: Columbus

Lead/Copper Language      MSDH Message re: Radiological Lab  
MRDL Violation              Chlorine Residual (MRDL) RAA  
Other Violation(s) \_\_\_\_\_

Will correct report & mail copy marked "corrected copy" to MSDH.

Will notify customers of availability of corrected report on next monthly bill.

Mr Mitchell Brown wanted me to talk with the  
Person who prepared the CCR. Steve Barksdale @  
662 251-4512 I left a message for Mr Barksdale  
to call me back.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

WILL DO CORRECTED COPY AND NOTIFY  
CUSTOMERS OF AVAILABLE CORRECTED  
REPORT ON WATER BILL OR LETTER  
AND SEND US A COPY.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Spoke with Todd Gale  
(Operator, Owner, Secretary)

662 338-7192 Ext 224

Spoke with Todd Gale  
7/20/09 @ 2:46

E-mail address  
Tgale@columbus-lw.com