

BUREAU OF PUBLIC WATER SUPPLY
CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM

Columbus Light & Water

Public Water Supply Name

044-0003

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 / 30 / 2012

- 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.


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

6/30/12
Date

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

Columbus Light & Water Salutes CAFB *cont'd*

Hayslett said area residents benefit from the base and its personnel economically, culturally and socially. "The air base brings people to the community who have different experiences, and knowledge. When you bring people in because of the nature of their job and who have more experiences than some of us have had, that floats all boats up. It's good for the community."

"In addition, the amount of money spent locally turns over several times. Consider the footprint of people tied to the base in Lowndes and another four or five adjoining counties. Now add the several thousand retirees who would not be here if not for the air base. They live close because of the benefits. That's an economic benefit to the people who run retail businesses in the community," said Hayslett.

Mayor Robert Smith echoes Hayslett's sentiments. "The relationship between the city and the base is a win-win for every citizen of Columbus. As one of our largest employers, the base has 1,583 military personnel and another 1,415 civilians," he said. Overall, Mississippi's military bases contribute an estimated \$2.5 billion annual to the state's economy and employ 33,730 active and reserve personnel.

Mayor Smith said Columbus Light & Water has been an instrumental partner. "We appreciate the working relationship between CL&W, the city and the base." That partnership will be relied upon again in the coming years.



U.S. Senator Roger Wicker poses with Nancy and Col. Barre Seguin, 14th Flying Training Wing Commander before the Columbus Air Force Base 70th Anniversary banquet on March 9. Wicker, a retired Air Force Reserve Officer, was assigned as a legal officer at Columbus AFB early in his career. The Seguin's donned vintage period dress, including the Army Air Corp uniform for the gala. (U.S. Air Force Photo/Tammi Baudoin)

Columbus Light & Water Gives Back

Performance results of Residential & Commercial Incentives Program

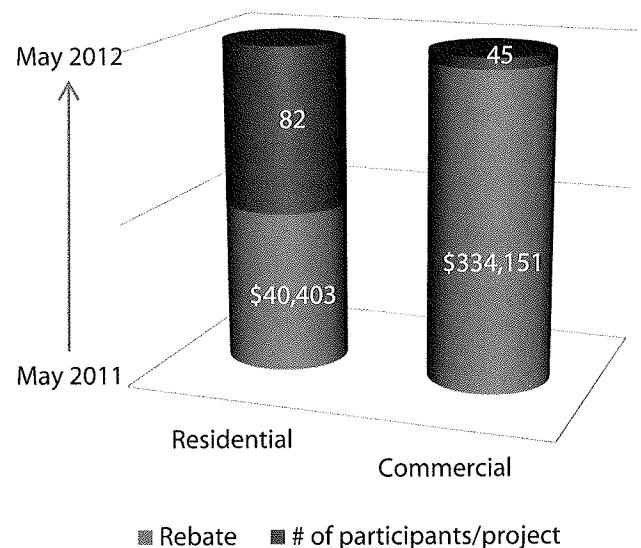
Last year, Columbus Light & Water's utility board approved an initiative to enhance TVA's Energy Right program by offering its customers (residential and commercial) additional cash incentives for successfully participating in energy evaluations and improvements. Residential customers were eligible to receive an additional 50% of each improvement cost up to \$500 paid by Columbus Light & Water.

From May 2011 to May 2012, Columbus Light and Water paid out \$40,403 to 82 customers who invested \$199,990 in energy improvements through the In-Home Energy Evaluation Program.

Commercial and Industrial customers also received financial incentives from TVA and Columbus Light and Water for participating in the Energy Right program. From May 2011 to May 2012, commercial and industrial customers received \$334,151 for 45 projects eligible for energy improvements.

For more information about the Energy Right program, visit www.columbuslw.com.

CLW Customer Cash Payout





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. Susceptibility assessment has been completed and all wells have ranked moderate by the MDEQ for vulnerability to contamination.

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, 2011. In cases where monitoring wasn't required in 2011, 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.

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.

Additional Information for Fluoridation

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 100%.

Additional Information for 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. 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.

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 under ongoing 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.



www.columbuslw.com

Contaminant	Violation Y/N	Date Collected	Level Detected	MCL	Likely Source of Contamination
DISINFECTION BYPRODUCTS					
Chlorine	N	2011	2.10 RAA 2.10 max. mg/L 1.90 min. mg/L	4.0 mg/L	Water additive used to control microbes
Total Haloacetic Acids (HAA5)	N	2011	1.0 ppb	0.060 ppm	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHM)	N	2011	1.75 ppb	0.080 ppm	Byproduct of drinking water disinfection
INORGANIC CHEMICALS					
Antimony	N	2009	<0.0005 ppm	0.006 ppm	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Arsenic	N	2009	<0.0005 ppm	0.010 ppm	Erosion of natural deposits; runoff from orchards, runoff from glass & electronics production wastes
Barium	N	2009	0.009171 ppm* 0.019249 ppm**	2 ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beryllium	N	2009	<0.0005 ppm	0.004 ppm	Discharge from metal refineries & coal-burning factories; discharge from electrical, aerospace, & defense industries
Cadmium	N	2009	<0.0005 ppm	0.005 ppm	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries & paints
Chromium	N	2009	<0.0005 ppm	0.1 ppm	Discharge from steel and pulp mills; erosion of natural deposits
Cyanide	N	2009	<0.015 ppm	0.2 ppm	Discharge from steel/metal, plastic & fertilizer factories
Fluoride	N	2009	0.863 ppm* 0.838 ppm**	4 ppm	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer & aluminum factories
Lead	N	2010	1 ppb	15 ppb	Corrosion of household plumbing systems; Erosion of natural deposits
Mercury	N	2009	<0.0005 ppm	0.002 ppm	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills & croplands
Nitrate	N	2011	<0.08 ppm*/**	10 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
Nitrite	N	2011	<0.02 ppm*/**	1 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
Nitrate+Nitrite	N	2011	<0.1 ppm*/**	10 ppm	Runoff from fertilizer use, leaching from septic tanks/sewage, erosion of natural deposits
Selenium	N	2009	<0.0025 ppm	0.05 ppm	Discharge from petroleum refineries; erosion of natural deposits; discharge from mines
Thallium	N	2009	<0.0005 ppm	0.002 ppm	Leaching from ore-processing sites; discharge from electronics, glass & drug factories
ORGANIC CHEMICALS					
Benzene	N	2009	<0.5 ppb	5 ppb	Discharge from factories; leaching from gas storage tanks & landfills
Carbon Tetrachloride	N	2009	<0.5 ppb	5 ppb	Discharge from chemical plants & industrial activities
CIS- 1, 2-Dichloroethylene	N	2009	<0.5 ppb	70 ppb	Discharge from meat & fish or pharmaceutical industries
Dichloromethane	N	2009	<0.05ppb	5ppb	
Dichlorobenzene	N	2004	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
O-Dichlorobenzene	N	2009	<0.5 ppb	600 ppb	Discharge from industrial chemical factories
P-Dichlorobenzene	N	2009	<0.5 ppb	75 ppb	Discharge from industrial chemical factories
1, 2-Dichloroethane	N	2009	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
1, 1-Dichloroethylene	N	2009	<0.5 ppb	7 ppb	Discharge from industrial chemical factories
1, 2-Dichloropropane	N	2009	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
Ethylbenzene	N	2009	<0.5 ppb	700 ppb	Discharge fom petroleum refineries
Monochlorobenzene	N	2009	<0.5 ppb	100 ppb	Discharge from paint, glass & ceramic industries
Tetrachloroethylene	N	2009	<0.5 ppb	5 ppb	Discharge from factories & dry cleaners
Trans- 1, 2-Dichloroethylene	N	2009	<0.5 ppb	100 ppb	Discharge from industrial chemical factories
1, 1, 1-Trichloroethane	N	2009	<0.5 ppb	200 ppb	Discharge from metal degreasing sites & factories
Trichloroethylene	N	2009	<0.5 ppb	5 ppb	Discharge from metal degreasing sites & factories
1, 1, 2-Trichloroethane	N	2009	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
1, 2, 4-Trichlorobenzene	N	2009	<0.5 ppb	70 ppb	Discharge from textile finishing factories
Toluene	N	2009	<0.5 ppb	1000 ppb	Discharge from petroleum factories
Styrene	N	2009	<0.5 ppb	100 ppb	Discharge from rubber & plastic factories; leaching from landfills
Vinyl Chloride	N	2009	<0.5 ppb	2 ppb	Leaching from PVC pipes; discharge from plastic factories
Xylenes	N	2009	<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



**COLUMBUS
LIGHT AND WATER DEPARTMENT**

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

44/03

June 29, 2012

Ms. Joan Cockrell
Mississippi State Dept. of Health
Division of Water Supply
P.O. Box 1700
Jackson, MS 39215-1700

Dear Ms. Cockrell:

Attached is the completed Consumer Confidence Report Certification Form. The CCR have been mailed to customers via newsletter. A copy of this newsletter will be mailed to you.

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

Sincerely,

Todd Gale,
General Manager

Attachment: