

MISSISSIPPI STATE DEPARTMENT OF HEALTH  
BUREAU OF PUBLIC WATER SUPPLY  
CCR CERTIFICATION  
CALENDAR YEAR 2015

2016 JUN 29 AM 10:43

Columbus Light & Water  
Public Water Supply Name

044-0003

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) 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 or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **You must mail, fax or email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.**

Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*

- Advertisement in local paper (attach copy of advertisement)
- On water bills (attach copy of bill)
- Email message (MUST Email the message to the address below)
- Other news letter

Date(s) customers were informed: 6/27/16 / / , / /

CCR was distributed by  U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used \_\_\_\_\_

Date Mailed/Distributed: 6/27/16

CCR was distributed by Email (MUST Email MSDH a copy)

Date Emailed: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

- As a URL (Provide URL \_\_\_\_\_)
- As an attachment
- As text within the body of the email message

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 following address (**DIRECT URL REQUIRED**):

\_\_\_\_\_

**CERTIFICATION**

I hereby certify that the 2015 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. 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 Case  
Name/Title (President, Mayor, Owner, etc.)

6/27/16  
Date

Deliver or send via U.S. Postal Service:  
Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

May be faxed to:  
(601)576-7800

May be emailed to:

**CCR Due to MSDH & Customers by July 1, 2016!**

water.reports@msdh.ms.gov

Columbus Light and Water (CL&W) is launching a new campaign to make bill paying easier for its customers. On the company's website, [www.columbuslw.com](http://www.columbuslw.com), customers can sign up for paperless billing by clicking the "View My Bill" tab and take advantage of a more convenient way to manage their utility bills. Signing up for this service is free and offers several benefits for CL&W customers:

- Receive email notification when monthly bill is ready to be viewed
- Pay bills faster online through a secured process
- Access historical utility statements online
- View all accounts and usage history
- Reduce the possibility of mail fraud and identity theft

*"Many of our customers are excited about paperless billing because it offers another way to improve their quality of life,"* said CL&W General Manager, Todd Gale. *"Having the ability to receive your bill electronically and pay it remotely is faster, easier and much more convenient than traditional mail."*

CL&W customers who enroll in paperless billing will no longer receive their monthly bill in the mail but can print it out anytime. *"Personally, I enjoy it because I receive bill notifications and alerts by email,"* said Mike Bernsen, CL&W Comptroller and customer. *"It is truly easy and convenient because I can pay with my credit card or personal check from my phone or computer."*

There are three important things CL&W customers need to know about paperless billing.

- 1. Get your account information ready** – Having your account number and name as it appears on your utility statement is needed to enroll.
- 2. No more mail** - Once you enroll in paperless billing, you will no longer receive a copy of your bill in the mail. However, you can always cancel this service and return to receiving your bill by mail.
- 3. Convenient paying options** - Paperless billing customers have access to two different types of payment methods that will allow them to pay quickly, VISA/ MASTERCARD or by personal check. Other payment options are available including pay by mail, phone, kiosk bank draft or in-person.

*"More of our customers are using technology every day as part of their communication and lifestyle,"* said Gale. *"Soon we will be introducing a compatible phone app to compliment our paperless billing service for mobile devices."*



NEWSLETTER  
Summer 2016

## CLW promotes Paperless Billing





# Water Quality

## Data Table & Test Results

Calendar Year 2015

### 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, 2015. In cases where monitoring wasn't required in 2015, 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. Columbus Light & Water 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.

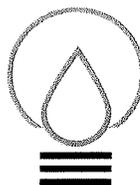
### Additional Information for Fluoridation

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", Columbus Light & Water is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 96%.

### 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.



[www.columbuslw.com](http://www.columbuslw.com)

CONTAMINATE	VIOLATION Y/N	DATE COLLECTED	LEVEL DETECTED	MCL	LIKELY SOURCE OF CONTAMINATION
<b>DISINFECTION BYPRODUCTS</b>					
Chlorine	N	2015	2.00 RAA 2.20 max. mg/L 1.70 min. mg/L	4.0 mg/L	Water additive used to control microbes
Total Haloacetic Acids (HAA5)	N	2014	3.0 ppb	60 ppb	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHM)	N	2014	1.93 ppb	80 ppb	Byproduct of drinking water disinfection
<b>INORGANIC CHEMICALS</b>					
Antimony	N	2012	<0.0005 ppm	0.006 ppm	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solders
Arsenic	N	2012	<0.0005 ppm	0.010 ppm	Erosion of natural deposits; runoff from orchards; runoff from glass & electronics production wastes
Barium	N	2012	0.00653 ppm* <0.01553 ppm**	2 ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beryllium	N	2012	<0.0005 ppm	0.004 ppm	Discharge from metal refineries & coal-burning factories; discharge from electrical, aerospace, & defense industries
Cadmium	N	2012	<0.0005 ppm	0.005 ppm	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoffs from waste batteries and paints
Chromium	N	2012	<0.00123 ppm* <0.00083 ppm**	0.1 ppm	Discharge from steel and pulp mills; erosion of natural deposits
Cyanide	N	2015	<0.015 ppm	0.2 ppm	Discharge from steel/metal, plastic & fertilizer factories
Fluoride	N	2012	<0.822 ppm* <0.856 ppm**	4 ppm	Water additive which promote strong teeth; erosion of natural deposits; discharge from fertilizer & aluminum factories
Lead	N	2015	0 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 and croplands
Nitrate	N	2015	<0.08 ppm */**	10 ppm	Runoff from fertilizer use; leaching from septic tanks/sewage; erosion from natural deposits
Nitrite	N	2015	<0.02 ppm */**	1 ppm	Runoff from fertilizer use; leaching from septic tanks/sewage; erosion from natural deposits
Nitrate + Nitrite	N	2015	<0.1 ppm */**	10 ppm	Runoff from fertilizer use; leaching from septic tanks/sewage; erosion from 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
<b>ORGANIC CHEMICALS</b>					
Benzene	N	2015	<0.5 ppb	5 ppb	Discharge from factories; leaching from gas storage tanks & landfills
Carbon Tetrachloride	N	2015	<0.5 ppb	5 ppb	Discharge from chemical plants & industrial activities
CIS- 1, 2-Dichloroethylene	N	2015	<0.5 ppb	70 ppb	Discharge from meat & fish or pharmaceutical industries
Dichloromethane	N	2015	<0.05 ppb	5 ppb	
Dichlorobenzene	N	2004	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
O-Dichlorobenzene	N	2015	<0.5 ppb	600 ppb	Discharge from industrial chemical factories
P-Dichlorobenzene	N	2015	<0.5 ppb	75 ppb	Discharge from industrial chemical factories
1, 2 - Dichloroethane	N	2015	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
1, 1 - Dichloroethylene	N	2015	<0.5 ppb	7 ppb	Discharge from industrial chemical factories
1, 2 - Dichloropropane	N	2015	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
Ethylbenzene	N	2015	<0.5 ppb	700 ppb	Discharge from petroleum refineries
Monochlorobenzene	N	2015	<0.5 ppb	100 ppb	Discharge from paint, glass & ceramic industries
Tetrachloroethylene	N	2015	<0.5 ppb	5 ppb	Discharge from factories & dry cleaners
Trans- 1, 2 - Dichloroethylene	N	2015	<0.5 ppb	100 ppb	Discharge from industrial chemical factories
1, 1, 1 - Trichloroethane	N	2015	<0.5 ppb	200 ppb	Discharge from metal degreasing sites & factories
Trichloroethylene	N	2015	<0.5 ppb	5 ppb	Discharge from metal degreasing sites & factories
1, 1, 2 - Trichloroethane	N	2015	<0.5 ppb	5 ppb	Discharge from industrial chemical factories
1, 2, 4 - Trichlorobenzene	N	2015	<0.5 ppb	70 ppb	Discharge from textile finishing factories
Toluene	N	2015	<0.5 ppb	1000 ppb	Discharge from petroleum factories
Styrene	N	2015	<0.5 ppb	100 ppb	Discharge from rubber & plastic factories; leaching from landfills
Vinyl Chloride	N	2015	<0.5 ppb	2 ppb	Leaching from PVC pipes; discharge from plastic factories
Xylenes	N	2015	<0.5 ppb	10000 ppb	Discharge from petroleum & chemical factories

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



Columbus Light & Water  
P.O. Box 949  
Columbus, MS 39703

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Columbus, MS  
Permit#200

## Extreme Energy Makeover

The Extreme Energy Makeovers project is off to a great start, and just completed its 13th whole-home energy retrofit. Earlier in the year, Columbus Light & Water, in partnership with the Tennessee Valley Authority (TVA) and CLEAResult, began recruiting residents of the North side and East side communities for the Extreme Energy Makeovers project. The project provides qualifying residents in these communities with an in-depth energy evaluation to determine the best energy efficient upgrades that will reduce the home's annual energy consumption by at least 25%. After determining the upgrades needed, a TVA qualified contractor installs the energy upgrades—all at no cost to the resident.

The Extreme Energy Makeovers project does not stop there. The benefits of the installed energy efficient upgrades are not isolated to just reducing the home's energy consumption. These upgrades can lead to better indoor air quality and comfort which

leads to a healthier home. Energy advisors provide education to qualifying participants on their newly installed energy efficient upgrades which include best practices and care, to ensure recipients of the Extreme Energy Makeovers continue seeing savings for years to come. The energy efficient upgrades provide a great starting point that equips participants with the knowledge to take control of their energy consumption. Marvin Brown, a Columbus resident, was one of the first Columbus Light & Water customers to have energy efficient measures installed at his home. When asked what type of experience he had with the Extreme Energy Makeovers project, Marvin responded, "On a scale from 1 to 10, everything was a 10!" Marvin's home received the following upgrades: air sealing, attic insulation, a new Energy Star heat pump, and some additional minor upgrades.

Marvin said, "My home is comfortable now, the thermostat reads 74 degrees but it feels like it is 70 degrees."

By properly weatherizing the home, the heating and cooling systems do not have to work as hard to heat and cool the same space. This leads to a decrease in equipment run time which can be seen on one's electric bill. Homeowners and renters, with landlord approval, who are located in the East side and North side Columbus communities who wish to apply can contact 844-615-8321 to ask additional questions about the project and request an application.

In order to qualify for an energy evaluation, the home's primary heat source and water heater must be electric, the home must be at least 20 years old, and income requirements apply.

**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