

2020 JUL 01 AM 8: 28

2019 CERTIFICATION

Consumer Confidence Report (CCR)

Columbus Light and Water

Public Water System Name

0440003

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 (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, 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 email, fax (but not preferred) or mail, a copy of the CCR and Certification to the 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 *(Email the message to the address below)*

Other Newsletters/Direct Mail

Date(s) customers were informed: / / 2020 / / / 2020 / / / 2020

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

Date Mailed/Distributed: 06 / 26 / 2020

CCR was distributed by Email *(Email MSDH a copy)* Date Emailed: / / 2020

As a URL _____ *(Provide Direct 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: _____

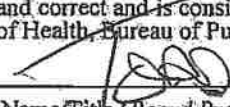
Date Published: / /

CCR was posted in public places. *(Attach list of locations)* Date Posted: / / 2020

CCR was posted on a publicly accessible internet site at the following address: _____ *(Provide Direct URL)*

CERTIFICATION

I hereby certify that the 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 PWS officials by the Mississippi State Department of Health, Bureau of Public Water Supply


Name/Title (Board President, Mayor, Owner, Admin. Contact, etc.)

6/30/20
Date

Submission options *(Select one method ONLY)*

Mail: (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

Email: water.reports@msdh.ms.gov

Fax: (601) 576-7800

Not a preferred method due to poor clarity

CCR Deadline to MSDH & Customers by July 1, 2020!



COLUMBUS LIGHT & WATER

News for the customers of Columbus, Light & Water - Summer 2020

Storm Ready get prepared & make a plan



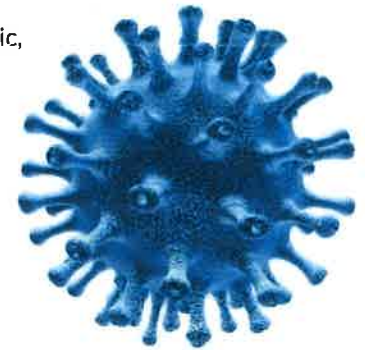
Being Storm Ready means to have a plan in place whenever severe weather hits our area. At CL&W, we execute our storm plan before, during and after every weather event so we can know how to react appropriately and safely. We are encouraging our customers to do the same. To create a Storm Ready plan for your family, here are a few tips:

1. **Sit down with your family** and decide how you will contact each other, where you will go for safety and what you will do during and after the severe weather has passed.
2. **Make a basic supplies kit** of flashlights, batteries, cellphone, emergency contact numbers, water, blankets, hand-crank radio, first aid, personal documents, medicine, etc. to assist you after a storm passes or until help arrives.
3. **Report Emergencies and Outage** to CL&W by calling 662-243-7440. If rescue services are needed, call local authorities or 911.

CL&W's response to COVID-19

At Columbus Light and Water, we deeply care about our customers and community in which we live and serve. Delivering safe and reliable water and power, every day, is a vital component to who we are. That means you can always count on us to proactively address the challenges we are facing to ensure reliability of services to you. In keeping this commitment, your safety and the safety of our employees has always been and will always be our top priority.

Since the beginning of the COVID-19 pandemic, our primary focus has been to ensure we continue to be there for you to meet your utility needs. We understand that timely and accurate information is important, and we provide updates on an ongoing basis via our website, www.columbuslw.com, or our Facebook page.



Here are just a few things to keep in mind:

- **Our buildings are closed to the public.** We have closed our main office lobby to foot traffic and are encouraging customers to use other payment options including the drive thru window at our main office, kiosk locations, our website, by mail or by phone.
- **All essential services will continue.** We have staffing plans in place to ensure line workers, water distribution workers, customer service representatives and others continue delivering the reliable service you expect. To reduce the potential spread of illness, we are asking many employees to work from home or modified schedules, and have enhanced the cleaning at our facilities.
- **Report Emergencies and Outages.** We want to get you restored quickly. Call 662-243-7440 to report power outages and other emergencies.

As always, our team is ready to work around the clock to deliver the services you have come to depend on. Let's all do our part for each other to protect our families, friends, neighbors, and co-workers by staying safe and following the recommended health precautions.

Water Quality

Data Table & Test Results Calendar Year 2019

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 Customer Service with Columbus Light & Water at 662-328-7192, Monday through Friday from 8:00 a.m. to 4:30 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, 2019. In cases where monitoring wasn't required in 2019, 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", MSO 440003, 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 0.6-1.2 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 100%.

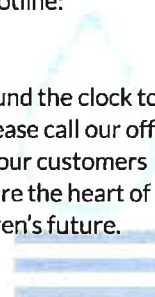
EXPLANATION OF REASONS FOR MONITORING UNREGULATED CONTAMINANTS

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminants monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

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.



CONTAMINATE	VIOLATION Y/N	DATE COLLECTED	LEVEL DETECTED	RANGE	MCL	LIKELY SOURCE OF CONTAMINATION
DISINFECTION BYPRODUCTS						
Chlorine	N	2019	2.0 RAA 2.30 max. mg/L 1.70 min. mg/L		4.0 mg/L	Water additive used to control microbes
Total Haloacetic Acids (HAA5)	N	2019	<6.0 ppb		60 ppb	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHM)	N	2018	4.0 ppb		80 ppb	Byproduct of drinking water disinfection
INORGANIC CHEMICALS						
Antimony	N	2019	<0.0005 ppm		0.006 ppm	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solders
Arsenic	N	2019	<0.0005 ppm		0.010 ppm	Erosion of natural deposits; runoff from orchards; runoff from glass & electronics production wastes
Barium	N	2019	0.0008 ppm* 0.0132 ppm**		2 ppm	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beryllium	N	2019	<0.0005 ppm		0.004 ppm	Discharge from metal refineries & coal-burning factories; discharge from electrical, aerospace, & defense industries
Cadmium	N	2019	<0.0005 ppm		0.005 ppm	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoffs from waste batteries and
Chromium	N	2019	<0.0005 ppm* <0.0005 ppm**		0.1 ppm	Discharge from steel and pulp mills; erosion of natural deposits
Cyanide	N	2019	<0.015 ppm		0.2 ppm	Discharge from steel/metal, plastic & fertilizer factories
Fluoride	N	2019	0.778 ppm* 0.698 ppm**		4 ppm	Water additive which promote strong teeth; erosion of natural deposits; discharge from fertilizer & aluminum factories
Lead	N	2018	0 ppm		0.015 ppm	Corrosion of household plumbing systems; erosion of natural deposits
Mercury	N	2019	<0.0005 ppm		0.002 ppm	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and croplands
Nitrate	N	2019	<0.08 ppm */**		10 ppm	Runoff from fertilizer use; leaching from septic tanks/sewage; erosion from natural deposits
Nitrite	N	2019	<0.02 ppm */**		1 ppm	Runoff from fertilizer use; leaching from septic tanks/sewage; erosion from natural deposits
Nitrate + Nitrite	N	2019	<0.1 ppm */**		10 ppm	Runoff from fertilizer use; leaching from septic tanks/sewage; erosion from natural deposits
Selenium	N	2019	<0.0005 ppm		0.05 ppm	Discharge from petroleum refineries; erosion of natural deposits; discharge from mines
Sodium	N	2019	3200 ppb		none	Naturally occurring runoff; erosion from natural deposits
Thallium	N	2019	<0.0005 ppm		0.002 ppm	Leaching from ore processing sites; discharge from electronics, glass & drug factories
ORGANIC CHEMICALS						
Benzene	N	2018	<0.5 ppb		5 ppb	Discharge from factories; leaching from gas storage tanks & landfills
Carbon Tetrachloride	N	2018	<0.5 ppb		5 ppb	Discharge from chemical plants & industrial activities
CIS- 1, 2-Dichloroethylene	N	2018	<0.5 ppb		70 ppb	Discharge from meat & fish or pharmaceutical industries
Dichloromethane	N	2018	<0.05 ppb		5 ppb	
Dichlorobenzene	N	2004	<0.5 ppb		5 ppb	Discharge from industrial chemical factories
O-Dichlorobenzene	N	2018	<0.5 ppb		600 ppb	Discharge from industrial chemical factories
P-Dichlorobenzene	N	2018	<0.5 ppb		75 ppb	Discharge from industrial chemical factories
1, 2 - Dichloroethane	N	2018	<0.5 ppb		5 ppb	Discharge from industrial chemical factories
1, 1 - Dichloroethylene	N	2018	<0.5 ppb		7 ppb	Discharge from industrial chemical factories
1, 2 - Dichloropropane	N	2018	<0.5 ppb		5 ppb	Discharge from industrial chemical factories
Ethylbenzene	N	2018	<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	2018	<0.5 ppb		5 ppb	Discharge from factories & dry cleaners
Trans- 1, 2 - Dichloroethylene	N	2018	<0.5 ppb		100 ppb	Discharge from industrial chemical factories
1, 1, 1 - Trichloroethane	N	2018	<0.5 ppb		200 ppb	Discharge from metal degreasing sites & factories
Trichloroethylene	N	2018	<0.5 ppb		5 ppb	Discharge from metal degreasing sites & factories
1, 1, 2 - Trichloroethane	N	2018	<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	2018	<0.5 ppb		1000 ppb	Discharge from petroleum factories
Styrene	N	2018	<0.5 ppb		100 ppb	Discharge from rubber & plastic factories; leaching from landfills
Vinyl Chloride	N	2018	<0.5 ppb		2 ppb	Leaching from PVC pipes; discharge from plastic factories
Xylenes	N	2018	<0.5 ppb		10000 ppb	Discharge from petroleum & chemical factories
RADIOACTIVE CONTAMINANTS						
Combined Radium	N	2019	2.32 pCi		5 pCi/L	Erosion from natural deposits
UNREGULATED CONTAMINANTS						
HAA5	N	2019	0.78 ppb	0.31 - 0.78 ppb	None	Byproduct of drinking water disinfection
HAA6Br	N	2019	0.53 ppb	0 - 0.53 ppb	None	Byproduct of drinking water disinfection
HAA9	N	2019	1.31 ppb	0.31 - 1.31 ppb	None	Byproduct of drinking water disinfection
Manganese	N	2019	0.57 ppb	0.42 - 0.57 ppb	None	Naturally occurring element

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



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

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Summer Energy Tips

Saving energy from the inside out.

Insulate your attic and walls, and seal cracks and openings to prevent warm air from leaking in

Keep curtains closed on the south, east and west sides of the house during the day

Use fans to keep air circulating

Perform a do-it-yourself home energy audit. Online and paper versions are available at EnergyRight.com/residential.

Change air filters monthly

Caulk and weatherstrip around windows and doors

Keep your outside air unit clean and clear of debris or weeds

Turn up your cooling system's thermostat to 78° F or even higher

Run your washer and dryer only when full

Set the refrigerator temperature at 36° to 39° F and freezer at 0° to 5° F

Run your dishwasher only when full

Use the microwave when possible – it cooks faster and doesn't create as much heat as a stove burner

Look for additional tips from your local power company and TVA at EnergyRight.com





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

June 30, 2020

Ms. Joan Cockrell
Mississippi State Department of Health
Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215-1700

Dear Ms. Cockrell:

Please see the attached CCR Certification Form for Columbus Light and Water. Also, attached is a newsletter that contains the CCR Report. The mailing of this newsletter went out on Friday, June 26, 2020.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd Gale", is written over a horizontal line.

Todd Gale
General Manager