2021 CERTIFICATION

Consumer Confidence Report (CCR)

CITY OF LOUISVILLE AND CITY OF LOUISVILLE-NORTHEAST

PRINT Public Water System Name

0800004 & 0800005

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

CCR DISTRIBUTION *(Check all boxes that apply)*

INDIRECT DELIVERY METHODS *(Attach copy of publication, water bill or other)*	**DATE ISSUED**
☐ Advertisement in local paper *(Attach copy of advertisement)*	5-11-22
☐ On water bill *(Attach copy of bill)*	5-13-22
☐ Email message *(Email the message to the address below)*	
☐ Other (Describe: _____ _____)	
DIRECT DELIVERY METHOD *(Attach copy of publication, water bill or other)*	**DATE ISSUED**
☐ Distributed via U.S. Postal Service	
☐ Distributed via E-mail as a URL *(Provide direct URL):* _____	
☐ Distributed via Email as an attachment	
☐ Distributed via Email as text within the body of email message	
☒ Published in local newspaper (*attach copy of published CCR or proof of publication*)	5-11-22
☒ Posted in public places (*attach list of locations or list here*) see attached _____	5-20-22
☐ Posted online at the following address *(Provide direct URL):* www.cityoflouisvillems.com/annualdrinking-water-quality-report.html	5-19-22

CERTIFICATION

I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its customers in accordance with the appropriate distribution method(s) based on population served. Furthermore, I certify that the information contained in the report is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR requirements of the Code of Federal Regulations (CFR) Title 40, Part 141.151 – 155.

Name | GENERAL MANAGER Title | 5-23-22 Date

SUBMISSION OPTIONS *(Select one method ONLY)*

You must email or mail a copy of the CCR, Certification, and associated proof of delivery method(s) to the MSDH, Bureau of Public Water Supply.

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

Email: water.reports@msdh.ms.gov

2021 Annual Drinking Water Quality Report
City of Louisville & City of Louisville-Northeast
PWS ID # 0800004 & 0800005
May 2022

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source consists of 6 wells that draw from the Lower Wilcox Aquifer.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination. The water supply for the City of Louisville and the City of Louisville-Northeast received a moderate susceptibility ranking to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Wilson Webb, General Manager at 662-773-7147. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the 2nd Monday of each month at 871 South Columbus St. at 8:00 am.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31, 2021. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

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:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - 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 - 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.

City of Louisville - PWS ID # 0800004

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
13. Barium	N	2019*	0.0226	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
23. Fluoride	N	2019*	1.01	None	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Disinfectants & Disinfectant By-Products								
83. Chlorine	N	2021	1.10	0.80 to 1.40	ppm	4	4	Water additive used to control microbes

* Most recent sample results available

City of Louisville - PWS ID # 0800004

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the City of Louisville is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which the 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%.

City of Louisville-Northeast - PWS ID # 0800005

TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
13. Barium	N	2019*	0.0148	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
24. Lead	N	1/1/15 to 12/31/17*	14	No Range	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
26. Nitrate (as Nitrogen)	N	2021	0.78	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants & Disinfectant By-Products								
83. Chlorine	N	2021	1.20	1.00 to 1.20	ppm	4	4	Water additive used to control microbes
84. Haloacetic Acids HAA5	N	2021	1.08	No Range	ppb	0	60	By-product of drinking water disinfection

* Most recent sample results available

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. Our water system 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. Please contact 601.576.7582 if you wish to have your water tested.

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.

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).

This report is being published in the paper and will not be mailed. Please call our office if you have any questions.

~PROOF OF PUBLICATION~
STATE OF MISSISSIPPI
COUNTY OF WINSTON

PERSONALLY appeared before me the undersigned authority in and for said County and State, Joseph McCain of The Winston County Journal, a newspaper printed and published in said County, who being duly sworn, deposes and says that the publication of this notice hereto affixed has been made in said newspaper for **1** consecutive week(s), to-wit:

Vol. 129, No. **19**, on the **11**, day of **MAY**, 2022

By: _____
(newspaper)

Sworn to and subscribed to this the 11th day of May, 2022, by the undersigned Notary Public of said County and State.

_____
(Notary)

STATE OF MISSISSIPPI
CHASATIE FISHER
NOTARY PUBLIC
Winston County
Commission Expires
February 11, 2026
COMMISSION NUMBER 107792

(SEAL)

2021 Annual Drinking Water Quality Report
City of Louisville & City of Louisville-Northeast
PWSID # 0800004 & 0800005
May 2022

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source consists of 6 wells that draw from the Lower Wilcox Aquifer.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination. The water supply for the City of Louisville and the City of Louisville-Northeast received a moderate susceptibility ranking to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Wilson Webb, General Manager at 662-773-7147. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the 2nd Monday of each month at 871 South Columbus St. at 8:00 am.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31, 2021. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

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:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - 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 - 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.

City of Louisville - PWSID # 0800004

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
13. Barium	N	2019*	0.0226	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
23. Fluoride	N	2019*	1.01	None	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Disinfectants & Disinfectant By-Products								
83. Chlorine	N	2021	1.10	0.80 to 1.40	ppm	4	4	Water additive used to control microbes

* Most recent sample results available

City of Louisville - PWSID # 0800004

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the City of Louisville is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which the 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%.

City of Louisville-Northeast - PWS ID # 0800005

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
13. Barium	N	2019*	0.0148	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
24. Lead	N	1/1/15 to 12/31/17*	14	No Range	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
26. Nitrate (as Nitrogen)	N	2021	0.78	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants & Disinfectant By-Products								
83. Chlorine	N	2021	1.20	1.00 to 1.20	ppm	4	4	Water additive used to control microbes
84. Haloacetic Acids HAA5	N	2021	1.08	No Range	ppb	0	60	By-product of drinking water disinfection

* Most recent sample results available

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. Our water system 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. Please contact 601.576.7582 if you wish to have your water tested.

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.

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).

This report is being published in the paper and will not be mailed. Please call our office if you have any questions.

Published 05/11/2022

CITY OF LOUISVILLE WATER SYSTEM CITY OF LOUISVILLE-NORTHEAST

THE 2021 CCR FOR #800004 AND #800005 IS POSTED IN:

LOUISVILLE UTILITIES OFFICE
LOUISVILLE CITY HALL
WINSTON COUNTY LIBRARY

ACCOUNT NUMBER:	200064-100053
CUSTOMER NAME:	[redacted]
SERVICE ADDRESS:	731 MCCULLOUGH RD
METER READING DATE:	May 10 2022
DAYS BILLED:	29

This bill is now due and payable. **If unpaid 10 days after due date service may be discontinued.**

Louisville Utilities

LOUISVILLE ELECTRIC SYSTEM

P.O. BOX 849 · LOUISVILLE, MISSISSIPPI · 39339-0849
PHONE 662/773-7147 · FAX 662/773-7858

SERVICE	PRESENT READING	PREVIOUS READING	AMOUNT USED	AMOUNT
ELECTRIC (KILOWATT HOURS)	13928	11954	1974	187.59
WATER (ONE UNIT = 100 GALLONS)	5655	5535	120	41.50
CROSS CONNECT FEE				0.76
SANITATION				15.00
TOTAL CURRENT CHARGES				244.85
BALANCE FORWARD (PAST DUE)				0.00

AMOUNT FROM PREVIOUS BILL	LATE CHARGES ADDED	PAYMENTS & ADJUSTMENTS	OTHER DEBITS/CREDITS	BALANCE FORWARD (PAST DUE)	CURRENT CHARGES	NET AMOUNT DUE
211.20	0.00	211.20-	0.00	0.00	244.85	244.85

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER IS AVAILABLE IN THE 2022 CONSUMER CONFIDENCE REPORT AT WWW.CITYOFLOUISVILLEMS.COM/ANNUAL-DRINKING-WATER-QUALITY-REPORT

YOU MAY REQUEST A HARD COPY BY CALLING OUR OFFICE AT 6627737147

200064-100053

COMPARE YOUR USAGE

PERIOD	DAYS	ELECT. KWH USED	DAILY AVG KWH	WATER GALS. USED	DAILY AVG GALS.
CURRENT	29	1974	68	12000	414
LAST MONTH	32	1628	51	10600	331
YEAR AGO	28	1783	64	7000	250

PLEASE DETACH AND RETURN THIS PORTION WITH PAYMENT

Louisville Utilities LOUISVILLE ELECTRIC SYSTEM
P.O. BOX 849 • LOUISVILLE, MISSISSIPPI• 39339-0849

C: 01

R: 001

RETURN SERVICE REQUESTED

CUSTOMER ACCOUNT NO:	200064-100053
NET AMOUNT DUE:	244.85
DUE DATE:	JUN 1 2022
LATE CHARGES:	12.25
AMOUNT AFTER DUE DATE:	257.10

000004

PL : 4

[redacted]

731 MCCULLOUGH RD
LOUISVILLE MS 39339-3516

LOUISVILLE ELECTRIC SYSTEM
PO BOX 849
LOUISVILLE MS 39339-0849