2019 CERTIFICATION

Consumer Confidence Report (CCR)

City of Louisville and City of Louisville-Northeast

Public Water System Name

MS 0800004 & MS 0800005

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_____

Date(s) customers were informed: 5 / 27 /2020 5 / 28 /2020 5 / 29 /2020

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

Date Mailed/Distributed: / /

☐ 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: Winston County Journal

Date Published: 5 / 27/ 2020

☒ CCR was posted in public places. ***(Attach list of locations)*** Date Posted: 5 /28 /2020

☐ CCR was posted on a publicly accessible internet site at the following address:

www.cityoflouisvillems.com/annual-drinking-water-quality-report. ***(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

GENERAL MANAGER — 5/29/2020

Name/Title *(Board President, Mayor, Owner, Admin. Contact, etc.)* — 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
Our preferred method due to post clarity

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

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								
10. Barium	N	2019	0.0226	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
16. Fluoride	N	2019	1.01	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Disinfectants & Disinfectant By-Products								
Chlorine (as Cl2)	N	1/1/19 to 12/31/19	1.20	0.80 to 1.20	ppm	4	4	Water additive used to control microbes
HAA5	N	2017*	3	No Range	ppb	0	60	By-product of drinking water chlorination
Unregulated Contaminants								
Sodium	N	2019	13000	No Range	ppb	0	250000	Road salt, water treatment chemicals, water softeners and sewage effluents

** 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, PWS ID # 0800004, 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 11. The percentage of fluoride samples collected in the previous calendar year that were within the optimal range of 0.6 - 1.2 ppm was 92%.

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								
10. Barium	N	2019	0.0148	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
17. Lead	N	1/1/15 to 12/31/17*	14	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2018*	0.81	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants & Disinfectant By-Products								
Chlorine (as Cl2)	N	1/1/19 to 12/31/19	1.20	1.00 to 1.20	ppm	4	4	Water additive used to control microbes
73. TTHM [Total trihalomethanes]	N	2016*	2.83	No Range	ppb	0	80	By-product of drinking water chlorination
Unregulated Contaminants								
Sodium	N	2019	4800	No Range	ppb	0	250000	Road salt, water treatment chemicals, water softeners and sewage effluents

** Most recent sample results available*

Annual Drinking Water Quality Report
City of Louisville & City of Louisville-Northeast
PWS ID # 0800004 & 0800005
May 2020

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.

The City of Louisville and the City of Louisville-Northeast routinely monitors 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 31st, 2019. 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.

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. The City of Louisville and the City of Louisville-Northeast 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.

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).

Please call our office if you have 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. 127, No. 22, on the 27 day of May, 2020

Vol. 127, No. _____, on the _____ day of _____, 2020

Vol. 127, No. _____, on the _____ day of _____, 2020

Vol. 127, No. _____, on the _____ day of _____, 2020

By: _____
(newspaper)

Sworn to and subscribed to this the 9th day of June, 2020, by the undersigned Notary Public of said County and State.

STATE OF MISSISSIPPI
NOTARY PUBLIC
ID No. 107792
Commission Expires
February 11, 2022
WINSTON COUNTY

_____
(Notary)

(SEAL)

Annual Drinking Water Quality Report
City of Louisville & City of Louisville-Northeast
PWS ID # 0800004 & 0800005
May 2020

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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								
10. Barium	N	2019	0.0274	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
16. Fluoride	N	2019	1.01	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Disinfectants & Disinfectant By-Products								
Chlorine as Cl2	N	01/01 to 12/31/19	1.60	0.50 to 1.70	ppm	4	4	Water additive used to control microbes
TTHM	N	8/4/19	3	No Range	ppb	0	80	By-product of drinking water chlorination
Unregulated Contaminants								
Sodium	N	2019	45.00	No Range	ppm	n	28.000	Road salt; naturally occurring; cleaners; water softeners and agricultural products

*Most recent sample; result available

City of Louisville - PWS ID # 0800004

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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								
10. Barium	N	2019	0.0419	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Lead	N	7/17/19 & 10/21/19*	0	0 ppb	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
15. Fluoride (drinking)	N	2019	0.81	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from plastic and fertilizer factories
Disinfectants & Disinfectant By-Products								
Chlorine as Cl2	N	01/01 to 12/31/19	1.30	0.50 to 1.70	ppm	4	4	Water additive used to control microbes
TTHM [Total Trihalomethanes]	N	2019	0.0	No Range	ppb	n	80	By-product of drinking water chlorination
Unregulated Contaminants								
Sodium	N	2019	40.0	No Range	ppm	n	28.0000	Road salt; naturally occurring; cleaners; water softeners; and agricultural products

*Most recent sample; result 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. The City of Louisville and the City of Louisville-Northeast 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://water.epa.gov/drinkingwater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for $10 per sample. Please call us at 601.576.7582 if you wish to have your water tested.

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Please call our office if you have questions.

Published 5/27/2020

ACCOUNT NUMBER:	204003-103552
CUSTOMER NAME:	DANNIE O MCDONALD
SERVICE ADDRESS:	3926 N CHURCH AVE
METER READING DATE:	May 26 2020
DAYS BILLED:	32

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)	58756	58076	680	69.59
SEWER (ONE UNIT = 100 GALLONS)				15.97
WATER (ONE UNIT = 100 GALLONS)	5194	5179	15	13.50
CROSS CONNECT FEE				0.76
SANITATION				15.00
TOTAL CURRENT CHARGES				114.82
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
185.05	0.00	185.05-	0.00	0.00	114.82	114.82

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER IS AVAILABLE IN THE 2020 COMSUMER CONFIDENCE REPORT AT WWW.CITYOFLOUISVILLEMS.COM/ANNUAL-DRINKING-WATER-QUALITY-REPORT.HTML. YOU MAY REQUEST A HARD COPY BY CALLING OUR OFFICE AT (662)773-7147.

204003-103552

COMPARE YOUR USAGE

PERIOD	DAYS	ELECT KWH USED	DAILY AVG KWH	WATER GALS USED	DAILY AVG GALS
CURRENT	32	680	21	1500	4
LAST MONTH	30	1137	38	7900	26
YEAR AGO	30	485	16	600	2

PLEASE DETACH AND RETURN THIS PORTION WITH PAYMENT

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

C: 03
R: 023

RETURN SERVICE REQUESTED

CUSTOMER ACCOUNT NO:	204003-103552
NET AMOUNT DUE:	114.82
DUE DATE:	JUN 15 2020
LATE CHARGES:	5.75
AMOUNT AFTER DUE DATE:	120.57

000580

AUTOMATIC 5-DIGIT 39339 SSG 1 AV 0.386
DANNIE O MCDONALD
3926 N CHURCH AVE
LOUISVILLE MS 39339-2074

LOUISVILLE ELECTRIC SYSTEM
PO BOX 849
LOUISVILLE MS 39339-0849