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MSDH-WATER SUPPLY
2023 JUN 22 AM 8: 14

Certification

<p><u>Water systems serving 10,000 or more must use:</u> Distribution Method I</p> <p><u>Water systems serving 500 - 9,999 must use:</u> Distribution Method I OR Distribution Method II, III, and IV</p> <p><u>Water system serving less than 500 people must use:</u> Distribution Method I OR Distribution Method II, III, and IV OR Distribution Method III and IV</p>			OFFICE USE ONLY		
Public Water Supply name(s): City of Laurel		7-digit Public Water Supply ID #(s): 0340021			
Distribution (Methods used to distribute CCR to our customers)					
<input checked="" type="checkbox"/> I. CCR directly delivered using one or more method below:					
<input checked="" type="checkbox"/> *Provided direct Web address to customer <input type="checkbox"/> Hand delivered <input type="checkbox"/> Mail paper copy <input type="checkbox"/> Email		*Add direct Web address (URL) here: https://msrwa.org/2022CCR/Laurel.pdf Example: "The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf . call (000) 000-0000 for paper copy".			
<input type="checkbox"/> II. Published the complete CCR in the local newspaper.		Date(s) published:			
<input checked="" type="checkbox"/> III. Inform customers the CCR will not be mailed but is available upon request. List method(s) used (examples – newspaper, water bills, newsletter, etc.).		Date(s) notified: Cycle 3 Bill Date - 05/31/2023 Cycle 1 Bill Date - 06/10/2023 Cycle 2 Bill Date - 06/20/2023			
		Location distributed: Water Bills			
<input checked="" type="checkbox"/> IV. Post the complete CCR continuously at the local water office. <input checked="" type="checkbox"/> "Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)		Date: 5/31/2023			
		Locations posted: City Hall - 401 N 5th avenue Laurel, MS Water Admin - 902 6th Street Laurel, MS			
Certification					
This Community public water system confirms it has distributed its Consumer Confidence Report (CCR) to its customers and the appropriate notices of availability have been given and that the information contained in its CCR is correct and consistent with the compliance monitoring data previously submitted to the MS State Department of Health, Bureau of Public Water Supply and the requirements of the CCR rule.					
Name: <i>Michael Votta</i>		Title: Operations Manager		Date: 06/20/2023	
Submittal					
Email the following required items to water.reports@msdh.ms.gov regardless of distribution methods used. 1. CCR (Water Quality Report) 2. Certification 3. Proof of delivery method(s)					

2022 Annual Drinking Water Quality Report
City of Laurel
PWS#: 0340021
May 2023

The City of Laurel is pleased to present to you this year's Annual Quality Water 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.

About Our System

2022 City of Laurel – Water Production Improvements

1. Well 6 – New VFD – New Motor – Upgraded grounding Grid
2. Well 15 -- Full rehab – repaired motor/new piping in the Well/Rebuilt turbine pump
3. Well 12 – New transfer switch/Installed VFD/Upgraded grounding system
4. Well 02 – New submersible well pump and piping
5. WTP #3 – New motor HSP #3-1 and 3-3 – repaired HSP #3-2/New Injectors
6. Well 07 – Upgraded analyzer – New injectors
7. WTP #2 – Upgraded analyzer

Rate increase per year on average = 1% - 3% - every May 1st, every year

May 2022 increase from 14.02 to 14.44 minimum bill – water (residential)

May 2022 increase from 21.08 to 21.74 water (commercial)

Contact & Meeting Information

If you have any questions about this report or concerning your water utility, please contact Jonathan Shelby at 601-470-9457. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of the City of Laurel Council Meetings. Council meetings are held on the first Tuesday after the first Monday of the month at 5:30 PM and two weeks later at 9:00 AM at City Hall.

Source of Water

Our water source is from wells drawing from the Catahoula Formation Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The City of Laurel's water wells have received a moderate susceptibility rankings to contamination.

Period Covered by Report

We routinely monitor for contaminants in your drinking water according to federal and state laws. This report is based on results of our monitoring period of January 1st to December 31st, 2022. In cases where monitoring wasn't required in 2022, the table reflects the most recent testing done in accordance with the laws, rules, and regulations.

As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

Terms and Abbreviations

In the table you may find unfamiliar terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level (AL) : The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Maximum Contaminant Level (MCL): 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 (MCLG): 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.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per billion (ppb) or micrograms per liter: one part by weight of analyte to 1 billion parts by weight of the water sample.

Parts per million (ppm) or Milligrams per liter (mg/l): one part by weight of analyte to 1 million parts by weight of the water sample.

Picocuries per liter (pCi/L): picocuries per liter is a measure of the radioactivity in water.

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
Radioactive Contaminants								
5. Gross Alpha	N	2019*	2.6	1.9 – 2.6	pCi/L	0	15	Erosion of natural deposits
6. Radium 228	N	2019*	.72	.62 - .72	pCi/L	0	5	Erosion of natural deposits
Inorganic Contaminants								
10. Barium	N	2022	.0169	.0072 - .0169	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2019/21*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2022	.505	.173 - .505	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2019/21*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Unregulated Contaminants								
Sodium	N	2022	70.9	21.3 – 70.9	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2022	13	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	Y	2022	1.3	.65– 2.2	mg/l	0	MDRL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2022.

** Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 – 1.2 mg/l.

Disinfection By-Products:

Chlorine. Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

Sodium. EPA recommends that drinking water sodium not exceed 20 milligrams per liter (mg/L). Excess sodium from salt in the diet increases the risk of high blood pressure and cardiovascular disease.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

LEAD INFORMATION

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.

FLUORIDE INFORMATION

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 in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 2. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 16%. The number of months samples were collected and analyzed in the previous calendar year was 12.

VIOLATIONS

Our system received a monitoring violation during August 2022. We did not complete all monitoring or testing for Chlorine residuals and therefore cannot be sure of the quality of our drinking water during that time. We were required to take 20 samples and took 19. The samples have since been taken that show we are meeting the drinking water standards.

UNREGULATED CONTAMINANTS

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

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 1.800.426.4791.

Our water system works around the clock to provide top quality water to every tap. 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.

CITY OF LAUREL
401 5TH AVE
PO BOX 647
LAUREL MS 39441-0647



DOROTHY QUARELLE
627 LEONTYNE PRICE BLVD
LAUREL MS 39440

ACCOUNT: 12-07627-01
DUE DATE: 06/20/2023
TOTAL DUE: \$124.68

DOROTHY QUARELLE 627 LEONTYNE PRICE BLVD 12-07627-01

SERVICE DATES				BILL DATE	DUE DATE
FROM	TO				
03/24/2023	04/23/2023			05/31/2023	06/20/2023

-----CURRENT-----		-----PREVIOUS-----			TOTAL
DATE	READING	DATE	READING	USAGE	
					PREVIOUS BALANCE: 165.85
					PAYMENTS 05/18/23: 129.30-
					PAST DUE AMOUNT: 36.55
04/23/23	3606	03/24/23	2957	649 R01 WATER	27.11
				R01 SEWER	41.92
				R01 GARBAGE	19.10

AMOUNT DUE: \$124.68
AMOUNT DUE AFTER 06/20/2023: \$128.42

Annual Water Quality Report
You may view the City of Laurel's annual water quality report for 2022 online at:
<http://www.msrrwa.org/2022ccr/laurel.pdf>
This report contains important information about the source and quality of your drinking water. Please call 601-428-6425 if you would like a paper report mailed to your home.

CITY OF LAUREL
 401 5TH AVE
 PO BOX 647
 LAUREL MS 39441-0647



MERCUS SOCKEY
 710 N 14TH
 LAUREL MS 39440

ACCOUNT: 20-15525-13
 DUE DATE: 06/30/2023
TOTAL DUE: \$67.38

MERCUS SOCKEY 710 N 14TH AVE 20-15525-13

SERVICE DATES		BILL DATE	DUE DATE
FROM	TO		
04/04/2023	05/04/2023	06/10/2023	06/30/2023

-----CURRENT-----		-----PREVIOUS-----		USAGE		TOTAL
DATE	READING	DATE	READING			
05/04/23	13242	04/04/23	12941	301	R01 WATER	14.48
					R01 SEWER	21.77
					WL WCONTRACT	25.00
					R01 GARBAGE	19.10

AMOUNT DUE: \$67.38
AMOUNT DUE AFTER 06/30/2023: \$68.77

CONTRACT BALANCE: 250.99

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CITY OF LAUREL
401 5TH AVE
PO BOX 647
LAUREL MS 39441-0647



SHEREDA D CROSBY
852 E ELMO ST
LAUREL MS 39440

ACCOUNT: 43-10750-01
DUE DATE: 07/10/2023
TOTAL DUE: \$55.25

SHEREDA D CROSBY 852 E ELMO ST 43-10750-01

SERVICE DATES					BILL DATE	DUE DATE
FROM	TO					
04/14/2023	05/14/2023				06/20/2023	07/10/2023

----CURRENT-----		-----PREVIOUS-----		USAGE		TOTAL
DATE	READING	DATE	READING			
05/14/23	163307	04/14/23	163307	0 R01 WATER		14.44
				R01 SEWER		21.71
				R01 GARBAGE		19.10

	AMOUNT DUE:	\$55.25
	AMOUNT DUE AFTER 07/10/2023:	\$56.90

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