

# 2021 CERTIFICATION

## Consumer Confidence Report (CCR)

2022 JUN 28 PM 1:46

City of Flowood and City of Flowood-Noranco

PRINT Public Water System Name  
061-0075 061-0044

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

<b>CCR DISTRIBUTION</b> (Check all boxes that apply)	
<b>INDIRECT DELIVERY METHODS</b> (Attach copy of publication, water bill or other)	<b>DATE ISSUED</b>
<input type="checkbox"/> Advertisement in local paper (Attach copy of advertisement)	
<input checked="" type="checkbox"/> On water bill (Attach copy of bill) URL/Link to CCR printed on water bill	6/27/22
<input type="checkbox"/> Email message (Email the message to the address below)	
<input type="checkbox"/> Other (Describe: _____)	
<b>DIRECT DELIVERY METHOD</b> (Attach copy of publication, water bill or other)	<b>DATE ISSUED</b>
<input type="checkbox"/> Distributed via U.S. Postal Service	
<input type="checkbox"/> Distributed via E-mail as a URL (Provide direct URL): _____	
<input type="checkbox"/> Distributed via Email as an attachment	
<input type="checkbox"/> Distributed via Email as text within the body of email message	
<input checked="" type="checkbox"/> Published in local newspaper (attach copy of published CCR or proof of publication)	6/15/22
<input type="checkbox"/> Posted in public places (attach list of locations or list here) _____	
<input checked="" type="checkbox"/> Posted online at the following address (Provide direct URL): <u>www.cityofflowood.com/ccr</u>	6/27/22

### 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	Director of Engineering and Utilities _____ Title	6/27/22 _____ Date
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### 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](mailto:water.reports@msdh.ms.gov)

2021 Annual Drinking Water Quality Report  
 City of Flowood  
 PWS#: 0610044 & 0610075  
 May 2022

RECEIVED  
 MSDH-WATER SUPPLY

2022 MAY 31 AM 9:00

We're 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. Our water source is from wells drawing from the Cockfield Formation and Sparta Sand Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified 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 wells for the City of Flowood have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Brent Jenkins at 601.939.4243. 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 first and third Monday of each month at 6:30 PM at the Flowood City Hall located at 2101 Airport Road, Flowood, MS.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. 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.

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.

*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 million (ppm) or Milligrams per liter (mg/l)* - one part per million corresponds to one minute in two years or a single penny in \$10,000.

*Parts per billion (ppb) or Micrograms per liter* - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

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

<b>PWS ID # 0610044</b>		<b>TEST RESULTS</b>						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2019*	.0065	.0058 - .0065	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019*	1.6	1.2 – 1.6	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2017/19*	.7	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019*	.892	.833 - .892	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

17. Lead	N	2017/19*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	110000	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Disinfection By-Products</b>								
81. HAA5	N	2021	4.39	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2021	12.4	3.43 – 12.4	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1.7	.5 – 2.8	mg/l	0	MDRL = 4	Water additive used to control microbes

PWS ID # 0610075		TEST RESULTS						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Microbiological Contaminants</b>								
1. Total Coliform Bacteria	N	January	Positive	1	NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
<b>Radioactive Contaminants</b>								
5. Gross Alpha	N	2019*	2.8	1.6 – 2.8	pCi/L	0	15	Erosion of natural deposits
6. Radium 226 Radium 228	N	2019*	.89 1.3	.34 - .89 .60 – 1.3	pCi/L	0	5	Erosion of natural deposits
<b>Inorganic Contaminants</b>								
8. Arsenic	N	2020*	.5	No Range	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2020*	.0019	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2020*	2.9	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2017/19*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2020*	1.14	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2017/19*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	120000	77000 - 120000	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
<b>Disinfection By-Products</b>								
81. HAA5	N	2021	19	2.84 – 20.2	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2021	35	6.79 – 33.1	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1.9	0 – 3.6	mg/l	0	MRDL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2021.

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

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 contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

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.

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.

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.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system #0610044 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 was within the optimal range of 0.6-1.2 ppm was 92%.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system #0610075 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 94%.

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.

The City of Flowood 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.

# AFFIDAVIT

PROOF OF PUBLICATION

RANKIN COUNTY NEWS • P.O. BOX 107 • BRANDON, MS 39043

STATE OF MISSISSIPPI  
COUNTY OF RANKIN

THIS 15TH DAY OF JUNE, 2022, personally came Marcus Bowers, publisher of the Rankin County News,

a weekly newspaper printed and published in the City of Brandon, in the County of Rankin and State aforesaid, before me the undersigned officer in and for said County and State, who being duly sworn, deposes and says that said newspaper has been published for more than 12 months prior to the first publication of the attached notice and is qualified under Chapter 73-31, Laws of Mississippi, 1936, and laws supplementary and amendatory thereto, and that a certain

### 2021 ANNUAL DRINKING WATER QUALITY REPORT

#### CITY OF FLOWOOD

a copy of which is hereto attached, was published in said newspaper One (1) week, as follows, to-wit:

Vol. 124 No. 42 on the 15th day of June, 2022

*Marcus Bowers*  
MARCUS BOWERS, Publisher

Sworn to and subscribed before me by the aforementioned Marcus Bowers this 15th day of June, 2022.

*Frances Conger*  
FRANCES CONGER, Notary Public  
My Commission Expires January 23, 2026

PRINTERS' FEE:

Columns by 17 inch at a \$10 per column lock \$510.00

Proof of Publication \$3.00

**TOTAL \$513.00**



2021 Annual Drinking Water Quality Report  
City of Flowood  
PWS ID # 0610044  
May 2022

When placed in plain text the 2021 Annual Drinking Water Quality Report. The report is prepared to inform you about the quality of the water you receive in your city. Our goal is to provide you with the information you need to know about the quality of your water. We are committed to providing you with the information you need to know about the quality of your water. We are committed to providing you with the information you need to know about the quality of your water.

The report also provides you with information about the quality of the water you receive in your city. We are committed to providing you with the information you need to know about the quality of your water. We are committed to providing you with the information you need to know about the quality of your water. We are committed to providing you with the information you need to know about the quality of your water.

Contaminant	Unit	Sample Date	Level	Range	Max	Min	Library Source of Contamination
<b>Inorganic Contaminants</b>							
Asbestos	M	2021	0.00	0.00 - 0.00	0.00	0	Contaminant in drinking water is hazardous to health. Asbestos is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products.
Chloride	M	2021	18	1.0 - 10.0	100	100	Chloride is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of chloride in drinking water can cause taste and odor problems.
Copper	M	2021	0.00	0.00 - 0.00	0.00	0	Copper is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of copper in drinking water can cause taste and odor problems.
Fluoride	M	2021	0.00	0.00 - 0.00	0.00	0	Fluoride is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of fluoride in drinking water can cause taste and odor problems.
Lead	M	2021	0.00	0.00 - 0.00	0.00	0	Lead is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of lead in drinking water can cause taste and odor problems.
Nitrate	M	2021	11.000	0.00 - 10.000	100	0	Nitrate is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of nitrate in drinking water can cause taste and odor problems.
<b>Disinfection By-Products</b>							
Total Trihalomethanes	M	2021	0.00	0.00 - 0.00	0.00	0	Total Trihalomethanes (TTHM) are a group of disinfection by-products that are formed when chlorine is used to disinfect water. High levels of TTHM in drinking water can cause taste and odor problems.
Halodibromomethane	M	2021	0.00	0.00 - 0.00	0.00	0	Halodibromomethane (HDBM) is a disinfection by-product that is formed when chlorine is used to disinfect water. High levels of HDBM in drinking water can cause taste and odor problems.
Chloroacetaldehyde	M	2021	0.00	0.00 - 0.00	0.00	0	Chloroacetaldehyde (CAA) is a disinfection by-product that is formed when chlorine is used to disinfect water. High levels of CAA in drinking water can cause taste and odor problems.
<b>PWS ID # 0610075</b>							
<b>Microbiological Contaminants</b>							
Total Coliform Bacteria	M	2021	Passes	0	0	0	Total Coliform Bacteria (TCB) are a group of bacteria that are commonly found in water. High levels of TCB in drinking water can cause taste and odor problems.
<b>Radioactive Contaminants</b>							
Radium-226	M	2021	0.00	0.00 - 0.00	0.00	0	Radium-226 (Ra-226) is a naturally occurring radioactive mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of Ra-226 in drinking water can cause taste and odor problems.
Radium-230	M	2021	0.00	0.00 - 0.00	0.00	0	Radium-230 (Ra-230) is a naturally occurring radioactive mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of Ra-230 in drinking water can cause taste and odor problems.
<b>Inorganic Contaminants</b>							
Asbestos	M	2021	0.00	0.00 - 0.00	0.00	0	Asbestos is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of asbestos in drinking water can cause taste and odor problems.
Chloride	M	2021	0.00	0.00 - 0.00	0.00	0	Chloride is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of chloride in drinking water can cause taste and odor problems.
Copper	M	2021	0.00	0.00 - 0.00	0.00	0	Copper is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of copper in drinking water can cause taste and odor problems.
Fluoride	M	2021	0.00	0.00 - 0.00	0.00	0	Fluoride is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of fluoride in drinking water can cause taste and odor problems.
Lead	M	2021	0.00	0.00 - 0.00	0.00	0	Lead is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of lead in drinking water can cause taste and odor problems.
Nitrate	M	2021	0.00	0.00 - 0.00	0.00	0	Nitrate is a naturally occurring mineral that is found in soil and rock. It is also found in some types of building materials and products. High levels of nitrate in drinking water can cause taste and odor problems.
<b>Disinfection By-Products</b>							
Total Trihalomethanes	M	2021	0.00	0.00 - 0.00	0.00	0	Total Trihalomethanes (TTHM) are a group of disinfection by-products that are formed when chlorine is used to disinfect water. High levels of TTHM in drinking water can cause taste and odor problems.
Halodibromomethane	M	2021	0.00	0.00 - 0.00	0.00	0	Halodibromomethane (HDBM) is a disinfection by-product that is formed when chlorine is used to disinfect water. High levels of HDBM in drinking water can cause taste and odor problems.
Chloroacetaldehyde	M	2021	0.00	0.00 - 0.00	0.00	0	Chloroacetaldehyde (CAA) is a disinfection by-product that is formed when chlorine is used to disinfect water. High levels of CAA in drinking water can cause taste and odor problems.

ACCOUNT NUMBER	SERVICE FROM	SERVICE TO
37-027223-00	5/9/2022	6/16/2022
SERVICE ADDRESS		
766 MACKENZIE LN		

METER READINGS
CURRENT 6822450
PREVIOUS 6653440
USED 169010

CHARGE FOR SERVICES	
Water	189.57
West Rankin Sewer	660.83
Sewer	300.00
TAX	13.27

NET DUE 1,163.67  
 SAVE THIS 58.18  
 GROSS DUE 1,221.85

RETURN THIS STUB WITH PAYMENT TO:  
**CITY OF FLOWOOD**  
 PO Box 320069 - FLOWOOD, MS 39232-0069  
 (601) 939-4243

PRESORTED  
 FIRST CLASS MAIL  
 U.S. POSTAGE PAID  
 PERMIT NO. 634  
 JACKSON, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	CURRENT AMOUNT DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
NET AMOUNT <b>\$1,163.67</b>	7/15/2022 SAVE THIS <b>\$58.18</b>	GROSS AMOUNT <b>\$1,221.85</b>

**CITY OF FLOWOOD CONSUMER CONFIDENCE REPORT**  
**AVAILABLE AT WWW.CITYOFFLOWOOD.COM/CCR**

RETURN SERVICE REQUESTED  
 Acct #: 37-027223-00

POTTERS WINGS FLOWOOD LLC  
 1024 HIGHWAY 471 STE C  
 BRANDON, MS 39042



Dear Customer:  
 An after hour payment receptacle is located at Flowood City Hall for your convenience. Accuracy of this billing may be contested in an administrative hearing. Such hearing must be requested by contacting the City of Flowood Water Department (601) 939-4243 no later than 3 business days prior to the 15th of the month. **IF PAYMENT IS NOT RECEIVED BY 5:00 P.M. THE DAY PRIOR TO THE CUT OFF DATE FOR PAST DUE AMOUNTS \$50 OR GREATER, YOUR WATER SERVICE WILL BE CUT OFF AND A RECONNECTION FEE WILL BE CHARGED. THIS BILL IS YOUR ONLY NOTICE FOR PAST DUE AMOUNTS.** After service is cut off, full payment of all past due amounts, including a \$50 reconnection fee, will be required to reinstate service. Service will be restored between 8:00 a.m. and 5:00 p.m. on Monday - Friday with the exception of City holidays.

You can pay your water bill by credit card at Flowood City Hall or online at <https://www.municipalonlinepayments.com/flowoodms>. A convenience charge must be paid on all card transactions. Miss. Code Ann. § 17-25-1

PLEASE MAKE CHECKS PAYABLE TO

**CITY OF FLOWOOD**  
 P.O. BOX 320069  
 FLOWOOD, MS 39232  
 (601) 939-4243

\*ANY PAST DUE AMOUNT SHOWING  
 ON THIS BILL WILL RESULT IN WATER  
 BEING SHUT OFF BY THE CUT OFF DATE  
 AND CHARGED A \$50.00 RECONNECT FEE.