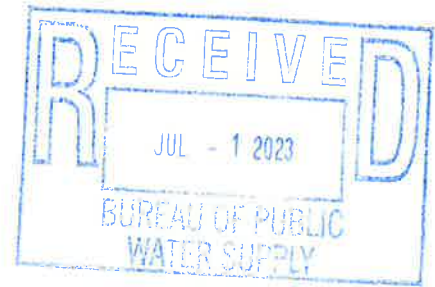


Certification

Water systems serving 10,000 or more must use:
Distribution Method I

Water systems serving 500 - 9,999 must use:
Distribution Method I OR
Distribution Method II, III, and IV

Water system serving less than 500 people must use:
Distribution Method I OR
Distribution Method II, III, and IV OR
Distribution Method III and IV



OFFICE USE ONLY

Public Water Supply name(s):
City of Olive Branch

7-digit Public Water Supply ID #(s):
0170015

Distribution (Methods used to distribute CCR to our customers)

I. CCR directly delivered using one or more method below:

- *Provided direct Web address to customer
- Hand delivered
- Mail paper copy
- Email

*Add direct Web address (URL) here:

Example: "The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf. call (000) 000-0000 for paper copy".

II. Published the complete CCR in the local newspaper.

Date(s) published:

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: *6-5-2023 | 6-14-2023*
6-19-2023 | 6-30-2023
Location distributed:
on water bill

IV. Post the complete CCR continuously at the local water office.
 "Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)

Date:
Locations posted:

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: *[Signature]*

Title: *Mayor*

Date: *06/30/2023*

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 Olive Branch
PWS#: 0170015
May 2023

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.

Contact & Meeting Information

If you have any questions about this report or concerning your water utility, please contact Cole Fesmire at 901.270.1883. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the first & third Tuesdays of the month at 6:30 PM at the Court House, 6900 Highland Street.

Source of Water

Our water source is from wells drawing from the Sparta, Tallahatta and Winona Tallahatta Aquifers. 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 wells for the City of Olive Branch have received lower to moderate rankings in terms of susceptibility 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.

PWS # 0170015 (Olive Branch) -TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Radioactive Contaminants								
5. Gross Alpha	N	2019*	4	2.1 – 4	pCi/L	0	15	Erosion of natural deposits
6. Radium 226 Radium 228	N	2019*	.91 3	.39 - .91 .44 – 3	pCi/L	0	5	Erosion of natural deposits
Inorganic Contaminants								
10. Barium	N	2022	.0278	.0168 - .0278	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2022	.9	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2019/21*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2022	.869	.587 - .869	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2019/21*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2022	.839	.206 - .839	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Unregulated Contaminants								
Sodium	N	2021*	25.9	10.3 – 25.9	ppm	20	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
Chlorine	N	2022	1.4	.55 – 1.95	mg/l	0	MRDL = 4	Water additive used to control microbes

* Most recent sample. No sample required for 2022.

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 – Olive Branch # 170015, 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 71%. The number of months samples were collected and analyzed in the previous calendar year was 12.

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.

**MONITORING AND REPORTING OF COMPLIANCE DATA VIOLATIONS
SIGNIFICANT DEFICIENCIES**

During a sanitary survey conducted on 9/15/2021, the Mississippi State Department of Health cited the following significant deficiency(s):

- 1) FUNCTION AND CONDITION OF TREATMENT FACILITIES
- 2) CROSS CONNECTION CONTROL
- 3) SITE SECURITY

The system was scheduled to complete corrective actions by 2/1/2022 using a compliance plan or are within the initial 120 days minimum. At the time of the inspection:

- 1) The chemical injection point under the aerator at the South Plant was eaten away by chemicals and was open to the atmosphere. Our resolution to the issue was install a wrap around the pipe in order to protect the chemical injection point and keep out atmospheric elements.
- 2) The Vulnerability Assessment was not available. Mr. Crowne completed the Vulnerability Assessment of the water treatment system at the request of our water department administrative assistant within the required time allotted.
- 3) The vegetation on the fence was not cleared back to prevent unauthorized entry at the West Plant. To resolve the issue, we removed all the vegetation from the fencing and dispensed week killer in the area in order to prevent any further growth.

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 Olive Branch 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 Olive Branch

9200 Pigeon Roost
Olive Branch, MS 38654
662-892-9305

Monday - Friday 8:00 - 5:00

Keep this portion for your records

Customer Copy

Customer Name				Service Address					
[REDACTED]				1444 LAUGHTER RD N					
Bill Number	Bill Date	Account Number - Customer Number				Current Billing Due Date			
5016824	06/15/2023	10004161 - 63298				06/30/2023			
Description	Meter	Previous Read Date	Current Read Date	Previous Meter Reading	Current Meter Reading	Read Code	Usage	Charge	
GAS RESIDENTIAL ONE MILE	5528550	05/09/2023	06/07/2023	9390	9390	A	0	4.29	
WATER N MISS 01	786785	05/09/2023	06/07/2023	1014	1034	A	20	11.60	
FAILURE TO PAY YOUR BILL MAY RESULT IN DISCONNECTION OF SERVICES 10 DAYS AFTER DUE DATE. THE DUE DATE ON THIS BILL DOES NOT APPLY TO ANY PAST DUE AMT. To obtain the 2022 CCR Report call 662-893-5249 #202 or go to https://msrwa.org/2022CCR/OliveBranch.pdf (NOT A BILL PAY SITE)						Total Current Billing		15.89	
						Past Due Balance		.00	
						Deposit Amount		.00	
						Amount Due		\$15.89	
Shutoff Date							07/10/2023		

U.S. Pat. # 5,095,407



Detach and return the portion below with your payment



CL



City of Olive Branch

9200 Pigeon Roost
Olive Branch, MS 38654
662-892-9305

Monday - Friday 8:00 - 5:00

**UTILITY BILL
REMIT PORTION**

Please write your Account Number on your check and enclose this portion of bill with your payment.

Service Address	Bill Number	Account # - Customer #	Current Billing Due Date	Amount Due
1444 LAUGHTER RD N	5016824	10004161-63298	06/30/2023	\$15.89

Pay \$15.89 by 06/30/2023
After 06/30/2023 Pay \$17.48

[REDACTED]
PO BOX 11
HERNANDO, MS 38632

Amount Paid
\$

00006042023005016824400000015891

See Reverse Side For Easy Opening Instructions



City of Olive Branch

9200 Pigeon Roost
Olive Branch, MS 38654

PRESORTED
FIRST-CLASS MAIL
U. S. POSTAGE
PAID
PERMIT NO. 32
OLIVE BRANCH, MS

**IMPORTANT
BILLING
ENCLOSED**

*****AUTO**5-DIGIT 38632 1 1

[REDACTED]
PO BOX 11
HERNANDO, MS 38632



TO ORDER CALL - 1-301-312-2450





City of Olive Branch

9200 Pigeon Roost
Olive Branch, MS 38654
662-892-9305
Monday - Friday 8:00 - 5:00

Keep this portion for your records

Customer Copy

Customer Name				Service Address				
[REDACTED]				6901 HWY 305 N C				
Bill Number	Bill Date	Account Number - Customer Number			Current Billing Due Date			
5024163	06/30/2023	16053 - 8444			07/15/2023			
Description	Meter	Previous Read Date	Current Read Date	Previous Meter Reading	Current Meter Reading	Read Code	Usage	Charge
GAS SMALL COMMERCIAL	11051073	05/19/2023	06/20/2023	1682	1768	A	86	65.09
GAS 7% SALES TAX								4.56
FAILURE TO PAY YOUR BILL MAY RESULT IN DISCONNECTION OF SERVICES 10 DAYS AFTER DUE DATE. SHUT OFF DATE ON THIS BILL DOES NOT APPLY TO ANY PAST DUE AMT. To obtain the 2022 CCR Report call 662-893-5249 #202 or go to https://msrwa.org/2022CCR/OliveBranch.pdf (NOT A BILL PAY SITE)						Total Current Billing		69.65
						Past Due Balance		.00
						Deposit Amount		.00
						Amount Due		\$69.65
Shutoff Date							07/25/2023	

SO393772-14ZVIG
US Pat # 6,955,407

✂ Detach and return the portion below with your payment ✂



City of Olive Branch

9200 Pigeon Roost
Olive Branch, MS 38654
662-892-9305
Monday - Friday 8:00 - 5:00

**UTILITY BILL
REMIT PORTION**

Please write your Account Number on your check and enclose this portion of bill with your payment.

Service Address	Bill Number	Account # - Customer #	Current Billing Due Date	Amount Due
6901 HWY 305 N C	5024163	16053-8444	07/15/2023	\$69.65

Pay \$69.65 by 07/15/2023
After 07/15/2023 Pay \$76.66

[REDACTED]
PO BOX 34
OLIVE BRANCH, MS 38654-0000

Amount Paid
\$

00006042023005024163700000069658

See Reverse Side For Easy Opening Instructions



City of Olive Branch

9200 Pigeon Roost
Olive Branch, MS 38654

PRESORTED
FIRST-CLASS MAIL
U. S. POSTAGE
PAID
PERMIT NO. 32
OLIVE BRANCH, MS

**IMPORTANT
BILLING
ENCLOSED**

C2 (#2)

*****AUTO**5-DIGIT 38654 1 1

[REDACTED]
PO BOX 34
OLIVE BRANCH, MS 38654-0000



TO ORDER CALL - 1-901-312-2480



SMART SOURCE LLC



City of Olive Branch
 9200 Pigeon Roost
 Olive Branch, MS 38654
 662-892-9305
 Monday - Friday 8:00 - 5:00

Keep this portion for your records

Customer Copy

SMART SOURCE LLC

Customer Name [REDACTED]					Service Address 4028 AMHERST DR #2					
Bill Number	Bill Date	Account Number - Customer Number			Current Billing Due Date					
5020836	06/19/2023	10001459 - 21143			07/04/2023					
Description	Meter	Previous Read Date	Current Read Date	Previous Meter Reading	Current Meter Reading	Read Code	Usage	Charge		
GAS RESIDENTIAL	5525885	05/11/2023	06/13/2023	7166	7164	A	18	15.57		
WATER - INSIDE CITY	60413360	05/11/2023	06/13/2023	12468	12528	A	60	17.86		
SEWER - INSIDE								43.69		
GARBAGE - RESIDENTIAL								20.00		
FAILURE TO PAY YOUR BILL MAY RESULT IN DISCONNECTION OF SERVICES 10 DAYS AFTER DUE DATE. THE DUE DATE ON THIS BILL DOES NOT APPLY TO ANY PAST DUE AMT. To obtain the 2022 CCR Report call 662-893-5249 #202 or go to https://msrwa.org/2022CCR/OliveBranch.pdf (NOT A BILL PAY SITE)						Total Current Billing		97.12		
						Past Due Balance		56.28		
						Deposit Amount		.00		
						Amount Due		\$153.40		
See Reverse Side For Easy Opening Instructions								Shutoff Date		07/14/2023

SMART SOURCE LLC

CB

✂ Detach and return the portion below with your payment ✂



City of Olive Branch
 9200 Pigeon Roost
 Olive Branch, MS 38654
 662-892-9305
 Monday - Friday 8:00 - 5:00

**UTILITY BILL
 REMIT PORTION**

Please write your Account Number on your check and enclose this portion of bill with your payment.

Service Address	Bill Number	Account # - Customer #	Current Billing Due Date	Amount Due
4028 AMHERST DR #2	5020836	10001459-21143	07/04/2023	\$153.40

Pay \$153.40 by 07/04/2023
 After 07/04/2023 Pay \$163.12

[REDACTED]
 4028 AMHERST DR
 OLIVE BRANCH, MS 38654

Amount Paid
\$

00006042023005020836200000153403

U.S. Post # 6096 A07



City of Olive Branch
 9200 Pigeon Roost
 Olive Branch, MS 38654

PRESORTED
 FIRST-CLASS MAIL
 U S POSTAGE
 PAID
 PERMIT NO. 32
 OLIVE BRANCH, MS

**IMPORTANT
 BILLING
 ENCLOSED**

SO 025598 - 11Z-VG

[REDACTED]
 4028 AMHERST DR
 OLIVE BRANCH, MS 38654



City of Olive Branch

9200 Pigeon Roost
Olive Branch, MS 38654
662-892-9305

Monday - Friday 8:00 - 5:00

Keep this portion for your records

Customer Copy

Customer Name

Service Address
4894 STONE CROSS DR #52

Bill Number 5008830

Bill Date 06/05/2023

Account Number - Customer Number 10001113-80592

Current Billing Due Date 06/20/2023

Description	Meter	Previous Read Date	Current Read Date	Previous Meter Reading	Current Meter Reading	Read Code	Usage	Charge
PLEASANT HILL INSIDE CITY SEWER P HILL	15988420	04/25/2023	05/23/2023	431	443	A	12	11.60 23.14
GARBAGE - RESIDENTIAL								10.00

FAILURE TO PAY YOUR BILL MAY RESULT IN DISCONNECTION OF SERVICES 10 DAYS AFTER DUE DATE. THE DUE DATE ON THIS BILL DOES NOT APPLY TO ANY PAST DUE AMT. To obtain the 2022 CCR Report call 662-893-5249 #2022 or go to <https://msnwa.org/2022CCR/OliveBranch.pdf> (NOT A BILL PAY SITE)

Total Current Billing	44.74
Past Due Balance	.00
Deposit Amount	.00
Amount Due	\$44.74

Shutoff Date 06/30/2023

Cycle

5

✂ Detach and return the portion below with your payment ✂



City of Olive Branch

9200 Pigeon Roost
Olive Branch, MS 38654
662-892-9305

Monday - Friday 8:00 - 5:00

UTILITY BILL
REMIT PORTION
Please write your Account Number on your check and enclose this portion of bill with your payment.

Service Address	Bill Number	Account # - Customer #	Current Billing Due Date	Amount Due
4894 STONE CROSS DR #52	5008830	10001113-80592	06/20/2023	\$44.74

Pay \$44.74 by 06/20/2023
After 06/20/2023 Pay \$49.21