

# 2019 CERTIFICATION Consumer Confidence Report (CCR)

Town of Sunflower

Public Water System Name

0670012

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: \_\_\_ / \_\_\_ / 2020    \_\_\_ / \_\_\_ / 2020    \_\_\_ / \_\_\_ / 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: Enterprise Tocsin

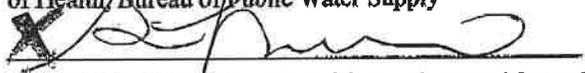
Date Published: 6/25/2020

- CCR was posted in public places. *(Attach list of locations)*      Date Posted: \_\_\_ / \_\_\_ / 2020

- CCR was posted on a publicly accessible internet site at the following address: \_\_\_\_\_ *(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

  
Name/Title (Board President, Mayor, Owner, Admin. Contact, etc.)

6/25/2020  
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](mailto:water.reports@msdh.ms.gov)

**Fax:** (601) 576-7800

~~\*\*Not a preferred method due to poor clarity\*\*~~

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

2019 Annual Drinking Water Quality Report  
 Town of Sunflower  
 FWS#: 0670012  
 June 2020

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 Sparta 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 Town of Sunflower have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Keith Christopher at 662.721.7098. 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 second Tuesday of the month at 5:30 PM at city hall.

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>, 2019. In cases where monitoring wasn't required in 2019, 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.

<b>TEST RESULTS</b>								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2019	.0276	.0209 - .0276	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019	.6	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

16. Fluoride	N	2019	.279	.23 - .279	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2015/17*	5	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019	170000	120000 - 170000	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

### Disinfection By-Products

81. HAA5	N	2016*	6	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2016*	6.84	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	.6	.43 - .83	Mg/l	0	MRDL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2019.

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.

#### Significant Deficiencies

During a sanitary survey conducted on 3/03/2011, the Mississippi State Department of Health cited the following significant deficiency(s).

Inadequate internal cleaning/maintenance of storage tanks

Corrective actions: This system is under a Bilateral Compliance Agreement to have the deficiency corrected by 6/30/2020.

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 Town of Sunflower 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 OF PUBLICATION

STATE OF MISSISSIPPI  
COUNTY OF SUNFLOWER  
CITY OF INDIANOLA:

Personally appeared before me, a Notary Public, in and for said County and State,  
Debbie S. Bethel, of The Enterprise-Tocsin, a newspaper  
published in said City, County and State, who upon being duly sworn, deposes and  
says: The notice, of which a copy is hereunto annexed,

was published in said newspaper 1 weeks, as follows:

25 Day of June, 2020 Vol. CXXXIV, No. 26  
\_\_\_\_ Day of \_\_\_\_\_, 20\_\_\_\_ Vol. \_\_\_\_\_, No. \_\_\_\_\_  
\_\_\_\_ Day of \_\_\_\_\_, 20\_\_\_\_ Vol. \_\_\_\_\_, No. \_\_\_\_\_  
\_\_\_\_ Day of \_\_\_\_\_, 20\_\_\_\_ Vol. \_\_\_\_\_, No. \_\_\_\_\_  
\_\_\_\_ Day of \_\_\_\_\_, 20\_\_\_\_ Vol. \_\_\_\_\_, No. \_\_\_\_\_

Signed: Debbie S. Bethel

And I further certify that I have examined the several copies of The Enterprise-Tocsin,  
above referred to, and find that the said notice has been published as stated.

Subscribed and sworn to, before me this 25 day of June, 2020

Cost: \$ 322.50

Reardo Thomas



2019 Annual Drinking Water Quality Report  
Town of Burlington  
PWS# 0670012  
June 2020

We're pleased to present to you this year's Annual Quality Water Report. The report is designed to inform you about the quality water and services we deliver to you every day. Our foremost goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the actions we make to continuously improve the water treatment processes and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Speers Aquifer.

The source water assessment has been completed for our public water system to determine the overall acceptability of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the acceptability determination work made has been finalized by our public water system and is available for viewing upon request. The wells for the Town of Burlington have received moderate acceptability ratings to contamination.

If you have any questions about this report or concerning your water utility, please contact Scott Christopher at 802.731.7028. We want our valued customers to be informed about their water utility. If you want to host a town, please attend any of our regularly scheduled meetings. They are held on the second Tuesday of the month at 6:30 PM at city hall.

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>, 2019. In cases where (reporting wasn't required) in 2019, the EPA releases 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 wildlife 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 from human activity. Volatile organic chemicals (VOCs), which can be found in household cleaning products, pesticides, new paints, pesticides, and solvents. Pesticides and herbicides, which may come from a variety of sources such as agricultural, urban, lawn-care and garden use, and residential uses. Organic chemical solvents, which may be found in household cleaning products, pesticides, and solvents. Radionuclides, which may be found in natural deposits, and can also come from gas production and water processing. Synthetic organic chemicals, which may be found in household cleaning products, pesticides, and solvents. In order to ensure that tap water is safe to drink, EPA oversees 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 some 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.

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**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 adverse health effects. MCLGs allow for a margin of safety.

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**Parts per million (ppm) or Micrograms per liter (µg/L)** - one part per billion corresponds to one minute in two years or a single penny in \$10,000.  
**Parts per billion (ppb) or Nanograms per liter (ng/L)** - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$120,000,000.

TEST RESULTS								
Contaminant	Violation Y/N	Date Detected	Level Detected	Range of Contacts of # of Samples Exceeding MCL/MCLG	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2019	0.076	0.076 - 0.079	ppm	2	2	Discharge of drilling fluids; discharge from metal refineries; erosion of natural deposits.
12. Chromium	N	2019	0	No Range	ppb	100	100	Discharge from steel and pulp mill; erosion of natural deposits.
14. Copper	N	2019/17	0	0	ppm	1.3	MCL 1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.

16. Fluoride	N	2019	0.79	0.78 - 0.79	ppm	4	4	Erosion of natural deposits; water additive which includes strong water disinfectants from firelines and lightning strikes.
17. Lead	N	2019/17	0	0	ppb	0	MCL 15	Corrosion of household plumbing systems; erosion of natural deposits.
Sodium	N	2019	170000	120000 - 170000	PPS	0	0	Rock salt, water treatment chemicals, water softeners and chlorine residuals.

Disinfection By-Products								
Contaminant	Violation Y/N	Date Detected	Level Detected	Range of Contacts of # of Samples Exceeding MCL/MCLG	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
81. HAAs	N	2019	0	No Range	ppb	0	99	By-product of drinking water disinfection.
102. THMs (Total Trihalomethanes)	N	2019	0.04	No Range	ppb	0	80	By-product of drinking water disinfection.
Chloro	N	2019	0	0 - 0.05	ppb	0	MCL 0.4	Water additive used to control microbes.

\* Most recent sample. No sample reported for THM.

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 to drink.

We are required to analyze 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 objectives. In an effort to ensure systems comply all monitoring requirements, MSDOH now notifies systems of any drinking 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/leadandlead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.578.7022 if you wish to have your water tested.

**Significant Deficiencies**  
During a sanitary survey conducted on 03/09/2011, the Mississippi State Department of Health cited the following violations (deficiencies):  
Inadequate internal cleaning/maintenance of storage tanks.  
Corrosive systems. This system is under a Deferral Compliance Agreement to have the deficiencies corrected by 03/09/2011.

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 contain naturally occurring or man-made substances. 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 1.800.426.4771.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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 reduce the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4771.

The Town of Burlington would greatly appreciate the ability to provide top quality water to every tap. We ask that all of our customers help us protect our water source, which is the heart of our community, our way of life and our children's future.



**TOWN OF SUNFLOWER**  
 P.O. BOX 127  
 SUNFLOWER, MS 38778-0127  
 (662) 569-3388

FIRST-CLASS MAIL  
 U.S. POSTAGE  
 PAID  
 SUNFLOWER, MS 38778  
 PERMIT NO. 1

TYPE OF SERVICE	METER READING		USED	CHARGES
	PRESENT	PREVIOUS		

Water	1198110	1198110	0	17.00
Sewage				17.00
Garbage				16.00

CUSTOMER		DUE DATE
ROUTE	ACCOUNT	PAST DUE AFTER THIS DATE
1	13	7/10/20
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
50.00		50.00

MAIL THIS STUB WITH YOUR PAYMENT

202 SUNFLOWER AVE  
 We will draft your checking account on the 10th.

Service From 5/15/2020 TO 6/15/2020 ACCOUNT 13 6/23/20

METER READ MONTH	DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
6	15	1	50.00	0.00	50.00

ROBERT O SLEDGE SR  
 P O BOX 129  
 SUNFLOWER MS 38778-0129

The 2019 Consumer Confidence Report (CCR) is available at  
 Town Hall.  
 Please don't forget to complete your 2020 Census Forms.