

2019 CERTIFICATION

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Consumer Confidence Report (CCR)

TAYLOR WATER ASSOCIATION

Public Water System Name

0360014

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: OXFORD EAGLE

Date Published: 06/07/20

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

Tim BRIDGES / SYSTEM MANAGER

6/15/20

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

Not a preferred method due to poor clarity

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

Publisher's Certificate of Publication

STATE OF MISSISSIPPI COUNTY OF LAFAYETTE

Rebecca Alexander, being duly sworn, on oath says she is and during all times herein stated has been an employee of The Oxford Newsmedia publisher and printer of the The Oxford Eagle (the "Newspaper"), has full knowledge of the facts herein stated as follows:

1. The Newspaper printed the copy of the matter attached hereto (the "Notice") was copied from the columns of the Newspaper and was printed and published in the English language on the following days and dates:

06/07/20

2. The sum charged by the Newspaper for said publication is the actual lowest classified rate paid by commercial customer for an advertisement of similar size and frequency in the same newspaper in which the Notice was published.

3. There are no agreements between the Newspaper, publisher, manager or printer and the officer or attorney charged with the duty of placing the attached legal advertising notice whereby any advantage, gain or profit accrued to said officer or attorney

Rebecca Alexander

Rebecca Alexander, Publisher

Subscribed and sworn to before me this
7th Day of June, 2020

Mary Jo Eskridge



Mary Jo Eskridge, Notary Public
State of Alabama at Large
My commission expires 03-05-2022

Account # 184587
Ad # 1057954

TAYLOR WATER ASSOCIATION
P.O. BOX 8
TAYLOR MS 38673

2019 Annual Drinking Water Quality Report - Taylor Water Association - PWS ID# 0360014

Is my water safe?

This report is prepared by the Taylor Water Association (TWA) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about when your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best asset.

Do I need to take special precautions?

Some people may be more vulnerable to certain contaminants in drinking water than the general population. These vulnerable persons may include: infants and young children; pregnant women; the elderly; and those with compromised immune systems. People with lead pipes should take special precautions. People with HAZWOP or other health care facilities should take special precautions. For more information on vulnerable persons, visit the EPA website at www.epa.gov/lead.

Where does my water come from?

Our water source consists of two wells being drilled in the Madison County/Walton County area.

Source water assessment and its availability

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 threats of contamination. A report containing detailed information on how the susceptibility determinations were made has been submitted to our public water system and is available for viewing upon request. The wells for Taylor Water Association have received a moderate rating in terms of susceptibility to contamination.

Why are there contaminants in my drinking water?

Drinking water is not just H₂O. It is a mixture of water and dissolved minerals. Some of these minerals are essential for good health. However, some are not. Some of the contaminants that may be found in drinking water include: lead, copper, iron, manganese, nitrate, nitrite, and other metals; synthetic and natural organic chemicals; pesticides; herbicides; fertilizers; and other chemicals. Some of these contaminants are naturally occurring in the water, while others are introduced into the water through human activities. Some of the most common sources of contamination are: agricultural activities, industrial processes, and residential activities. Some of the most common contaminants are: lead, copper, iron, manganese, nitrate, nitrite, and other metals; synthetic and natural organic chemicals; pesticides; herbicides; fertilizers; and other chemicals. Some of these contaminants are naturally occurring in the water, while others are introduced into the water through human activities. Some of the most common sources of contamination are: agricultural activities, industrial processes, and residential activities. Some of the most common contaminants are: lead, copper, iron, manganese, nitrate, nitrite, and other metals; synthetic and natural organic chemicals; pesticides; herbicides; fertilizers; and other chemicals.

How can I get involved?

Get involved in your community by attending the public meeting held each month at 6:00 P.M. at the Taylor Fire & Water Building. We encourage all customers to attend these meetings and ask questions about this report to meet with us. For more information contact: Taylor Water Association, P.O. Box 8, Taylor, MS 38673. Tel: 662-895-2222. Fax: 662-895-2223.

Additional Information for Lead

Exposure to 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 processes associated with service lines and home plumbing. Taylor Water Association 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 reduce the amount of lead that enters your tap water by flushing your tap for 30 seconds to 2 minutes before using the water for drinking or cooking. If you are using a reverse osmosis filter in the water, you may wish to flush your reverse osmosis filter before drinking water. Reverse osmosis and distillation can be used to remove lead, but are not available to all customers. For more information on lead in drinking water, please visit www.epa.gov/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 662-833-7502 if you wish to have your water tested.

Water Quality Data Table

Table 1: The table below shows the results of the 2019 annual water quality report. The table lists the various contaminants that were tested during the calendar year of this report. Although many of the contaminants were tested, only those substances that were found in our water, or which are of concern, are shown in this table. Many of the contaminants listed in this table are not harmful to our drinking water. However, some of the contaminants listed in this table may be of concern. Some of the contaminants listed in this table are: lead, copper, iron, manganese, nitrate, nitrite, and other metals; synthetic and natural organic chemicals; pesticides; herbicides; fertilizers; and other chemicals. Some of these contaminants are naturally occurring in the water, while others are introduced into the water through human activities. Some of the most common sources of contamination are: agricultural activities, industrial processes, and residential activities. Some of the most common contaminants are: lead, copper, iron, manganese, nitrate, nitrite, and other metals; synthetic and natural organic chemicals; pesticides; herbicides; fertilizers; and other chemicals.

Table 2: The table below shows the results of the 2019 annual water quality report. The table lists the various contaminants that were tested during the calendar year of this report. Although many of the contaminants were tested, only those substances that were found in our water, or which are of concern, are shown in this table. Many of the contaminants listed in this table are not harmful to our drinking water. However, some of the contaminants listed in this table may be of concern. Some of the contaminants listed in this table are: lead, copper, iron, manganese, nitrate, nitrite, and other metals; synthetic and natural organic chemicals; pesticides; herbicides; fertilizers; and other chemicals. Some of these contaminants are naturally occurring in the water, while others are introduced into the water through human activities. Some of the most common sources of contamination are: agricultural activities, industrial processes, and residential activities. Some of the most common contaminants are: lead, copper, iron, manganese, nitrate, nitrite, and other metals; synthetic and natural organic chemicals; pesticides; herbicides; fertilizers; and other chemicals.

Contaminant	MCL	MCLG	P	TEST RESULTS		Compliance	Status	Notes
				Max	Avg			
Lead	0.01	0.01	100%	0.00	0.00	Yes	Pass	Lead levels are well below the MCL and MCLG.
Copper	1.3	1.3	100%	0.00	0.00	Yes	Pass	Copper levels are well below the MCL and MCLG.
Iron	0.3	0.3	100%	0.00	0.00	Yes	Pass	Iron levels are well below the MCL and MCLG.
Manganese	0.05	0.05	100%	0.00	0.00	Yes	Pass	Manganese levels are well below the MCL and MCLG.
Nitrate	10	10	100%	0.00	0.00	Yes	Pass	Nitrate levels are well below the MCL and MCLG.
Nitrite	1	1	100%	0.00	0.00	Yes	Pass	Nitrite levels are well below the MCL and MCLG.
Chloride	250	250	100%	0.00	0.00	Yes	Pass	Chloride levels are well below the MCL and MCLG.
Sulfate	250	250	100%	0.00	0.00	Yes	Pass	Sulfate levels are well below the MCL and MCLG.

As you can see by the table, our system had no non-compliance violations. We're proud that your drinking water meets or exceeds all Federal and State Requirements. We have limited 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 provide you with 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. We do not comply with the monitoring requirements for biological sampling, but should no condition present, in an effort to ensure systems comply with all monitoring requirements, NSDH use multiple systems of any missing samples prior to the end of the compliance period.

Note: This Consumer Confidence Report will not be mailed to each customer.

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

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/Centers for Disease Control guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water source consists of two wells pumping from the Meridian-Upper Wilcox Aquifer.

Source water assessment and its availability

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 Taylor Water Association have received a moderate ranking in terms of susceptibility to contamination.

Why are there contaminants in my drinking water?

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting 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 stormwater 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 stormwater 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, urban stormwater runoff, and septic systems; and 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. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

Our board meets monthly on the second Tuesday night of each month at 6:00 P.M. at the Taylor Fire & Water Building. We encourage all customers with concerns or questions about this report to meet with us. For more information contact: Taylor Water Association P.O. Box 8 Taylor, MS 38673 Attn: John Milam, President; Phone: 662-513-3789

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. Taylor Water Association 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 the 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/safe-water/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.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the following definitions:

- MCLG:** Maximum Contaminant Level Goal: 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.
- MCL:** Maximum Contaminant Level: 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.
- AL:** Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- MNR:** Monitored, not regulated.
- ppm:** parts per million, or milligrams per liter (mg/L)
- ppt:** parts per trillion, or nanograms per liter (ng/L)
- ppb:** parts per billion, or microgram per liter (µg/L)

Contaminants (units)	TEST RESULTS							Typical Source
	MCLG	MCL	Your Water	Range		Sample Date	Violation	
				Low	High			
Disinfectants & Disinfection By-Products								
Chlorine (as C12)(ppm)	4	4	1.10	0.7	1.4	2019	No	Water additive used to control microbes
Inorganic Contaminants								
Barium (ppm)	2	2	0.0096	N/A	N/A	2019	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Lead (90th percentile)	0.015	0.015	0.002	N/A	N/A	2014	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper(90th percentile)	1.3	1.3	0.4	N/A	N/A	2014	No	Corrosion of household plumbing systems; erosion of natural deposits; leachin from wood preservatives
Nitrate [measured as Nitrogen] (ppm)	10	10	0.74	N/A	N/A	2019	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrate+Nitrite [measured as N] (ppm)	10	10	0.74	N/A	N/A	2019	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Unregulated Contaminants								
Sodium (ppm)	N/A	N/A	5.3	N/A	N/A	2019	No	Likely source of contamination - road salt, water treatment chemicals, water softners and sewage effluents

As you can see by the tables, our system had no contaminant 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 constituents 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 constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. 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.

Note: This Consumer Confidence Report will not be mailed to each customer.