# Certification

RECEIVED MSDH-WATER SUPPLY

Email the following required items to water reports@msdh.ms.gov 1. CCR (Water Quality Report) 2. Certificat				
Submittal				
Name: ROBERT HENSARLING	Title: PRESIDENT	Date: 5/25/2023		
This Community public water system confirms it has distributed and the appropriate notices of availability have been given and to consistent with the compliance monitoring data previously submitted. Public Water Supply and the requirements of the CCR rule.	that the information contained nitted to the MS State Department	in its CCR is correct and		
Certification				
local water office.  "Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)	Locations posted:			
□ IV. Post the complete CCR continuously at the	Date:			
but is available upon request. List method(s) used (examples – newspaper, water bills, newsletter, etc.).	Location distributed:			
□ II. Published the complete CCR in the local newspaper. □ III. Inform customers the CCR will not be mailed	Date(s) notified:			
- U. Dublish d'also consultàs CCD in dis local	Call (000) 000-0000  Date(s) published:	for paper copy".		
n Email Daper copy □ Email □	Example: "The current CCR is available at www.waterworld.org/ccrMay2023/0830001.pdf.			
□ *Provided direct Web address to customer □ Hand delivered	*Add direct Web address (U			
CCR directly delivered using one or more method by		, tere version and version		
Distribution (Methods used to distribute CCR to ou	ur customers)			
SUNNY HILL WATER ASSOCIATION INC.	MS0570014			
Public Water Supply name(s):	7-digit Public Wate	r Supply ID #(s):		
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 US	SE ONLY		
Water systems serving 500 - 9,999 must use:  Distribution Method I OR  Distribution Method II, III, and IV				
Water systems serving 10,000 or more must use: Distribution Method I	2023 MAY 31 AM 7: 44			

# **Annual Drinking Water Quality Report**

Sunnyhill Water Association PWWS #MS0570014 2022 CCR Report

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 (CDC) 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 is from 5 wells using water from the Miocene 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 identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. 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 Sunny Hill Water Association have received a moderate susceptibility ranking 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?

If you have questions about this report or concerning our water utility, please contact Charles Schilling, Water Manager, at 601-249-3502. We want our valued customers to be informed about their water utility. If you want to learn more, please attend our monthly board meeting, which is held at 6:00 PM on the third Monday of each month at the water office at 612 Delaware, Suite 4, McComb, MS.

#### **Description of Water Treatment Process**

Your water is treated by disinfection. Disinfection involves the addition of chlorine or other disinfectant to kill dangerous bacteria and microorganisms that may be in the water. Disinfection is considered to be one of the major public health advances of the 20th century.

#### Fluoridation Information for 2022

#### Significant Deficiencies

During a sanitary survey conducted by Mississippi State Department of Health, the Mississippi State Department of Health cited the following significant deficiency.

Category: Monitoring/Reporting/Data Verification

Significant Deficiency Violation-09: Operations Record Keeping

Corrective Actions: This deficiency was corrected.

#### 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. Sunny Hill 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 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.

#### Additional Information for Arsenic

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

## **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 definitions below the table.

			Detect	Ra	inge				
Contaminants	or MRDLG	MCL, TT, or MRDL	In Your Water	Low	High	Sample Date	Violation	Typical Source	
Disinfectants & Di	sinfection I	By-Produ	ucts						
(There is convincing	g evidence t	hat addit	ion of a c	lisinfe	ctant is	necessar	y for contr	ol of microbial contaminants)	
Chlorine (as Cl2) (ppm)	4	4	3.1	NA	2.1	2022	No	Water additive used to control microbes	
Haloacetic Acids (HAA5) (ppb)	NA	60	2	NA	7.86	2022	No	By-product of drinking water chlorination	
Inorganic Contami	inants								
Arsenic (ppb)	0	10	3.4	NA	3.4	2022	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes	
Barium (ppm)	2	2	.0317	NA	.0317	2022	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	
Chromium (ppb)	100	100	0005	NA	.0005	2022	No	Discharge from steel and pulp mills; Erosion of natural deposits	
Copper - source water (ppm)	NA		.018	.001	1	2022	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - source water (ppm)	NA		.015	NA	1.3	2022	No		

			Detect	Range					
Contaminants	MCLG or MRDLG	TT, or	In Your Water	Low	High	Sample Date	Violation	Typical Source	
Nitrate [measured as Nitrogen] (ppm)	10	10	.115	NA	10	2022	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits	

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nit Descriptions							
Term	Definition						
ppm	ppm: parts per million, or milligrams per liter (mg/L)						
ppb	ppb: parts per billion, or micrograms per liter (μg/L)						
NA	NA: not applicable						
ND	ND: Not detected						
NR	NR: Monitoring not required, but recommended.						

Term	Definition
MCLG	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	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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

## For more information please contact:

Contact Name: Eric Schilling, Water Operator Address: 612 Delaware Avenue, Suite 4

McComb, MS 39648 Phone: 601-249-3502

MCCOMB, MS 39648-9998 (800) 275-8777

05/19/2023

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Price

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Parmit Type: Permit Imprint Permit Number: 277

\$877.59

Permit Acct Number: 631895

Customer Name: SUNNY HILL WATER

ASSOCIATION

Grand Total:

Personal/Bus Check 

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**United States Postal Service** 

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