

# Siloam Water 2024 Drinking Water Quality Report

WELL ID #'S 130015-130016-130017-130023

<b>Is my water safe?</b>	Last year, as in years past, your tap water met all U.S. Environment Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. This report is a snapshot of last years water quality. Included are details about where your water comes from, what it contains and how it compares to standards set by regulatory agencies. We are committed to providing the best information about the quality of your drinking water.
<b>Do I need to take special precautions?</b>	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 for 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 microbial contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791
<b>Where does my water come from?</b>	Our water comes from 8 different wells that draw from the Eutaw, Gordo and McShan Aquifers.
<b>Source water assessment and its availability:</b>	Our source water assessment is available on request.
<b>Why are there contaminants in my drinking water?</b>	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 Safe Drinking Water Hotline at 1-800-426-4791
<b>How can I get involved?</b>	Our board members meet the 2 <sup>nd</sup> Monday of every month at 4:00 pm at the Siloam Water Office. Our annual meeting is the 1 <sup>st</sup> Monday in April. The exact time and place will be printed on your water bill. This is a very important meeting and we encourage all of our members to attend.
<b>Contact Information</b>	Harvey Cummings - Certified Operator P.O. Box 224 West Point, Ms 39773 Phone 662-494-1852 fax 662-494-8903

### Lead Educational Statement

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. [PWS Name] is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk.

Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact Siloam Water Association at 662-494-1852. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>. The MS Public Health Laboratory (MPHL) can provide information on lead and copper testing and/or other laboratories certified to analyze lead and copper in drinking water. MPHL can be reached at 601-576-7582 (Jackson, MS).

Term	Definition
PPM	parts per million, or milligrams per liter (mg/l)
PPB	parts per billion, or micrograms per liter (ug/l)
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
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 A required process intended to reduce the level of a contaminant in drinking water
TT- Treatment Technique	The concentration of a contaminant which, if exceeded, contaminant in drinking water
AL- Action Level	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow
MRDLG- Maximum Residual Disinfectant Level Goal	The level of a drinking water disinfectant below which there is no known or expected risk to health. MCLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
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.

***\*Important Information About Your Drinking Water\****

Our water system recently violated a drinking water standard. Even tho this was not an emergency, as our customer, you have the right to know what happened and what we are doing to correct the situation. We are required to monitor your drinking water for specific contaminants on a monthly basis. Results on regular monitoring are an indicator of whether or not our drinking water meets health standards. During the period 1/1/2023-12/31/2024, we did not complete all monitoring or testing for bacteriological and therefore cannot be sure of the quality of our drinking water during that time. We did not send the required amount of samples in for Lead and Copper during the listed time period but have since corrected the violation.
Siloam Water has completed the Lead Service Line Inventory and no lead lines were found. The methods used to make that determination were visual inspections, water operator knowledge.
This public water system received a violation for not submitting a 2024 Annual Report. The report was completed, and this system was returned as compliant.

## CHLORINE

Well	PWS ID#	MCLG	MCL	Your Water	Low	High	Sample Date	Violation
Beasley I/Beasley II	130016	4	4	1.20	1.20	1.20	2024	N
Gates/Griffith	130015	4	4	1.40	1.20	1.40	2024	N
Pine Bluff	130017	4	4	1.20	1.20	1.20	2024	N
Una/Muldon	130023	4	4	1.40	1.40	1.40	2024	N

Typical Source : Water additive used to control microbes. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

## NITRATE/NITRATE

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date	Typical Source	
Beasley /Beasley II	130016	10	10	0.1	No	2024	Runoff from fertilizer use;	
Gates/Griffith	130015	10	10	0.1	No	2024	leaching from septic tanks and	
Pine Bluff	130017	10	10	0.1	No	2024	sew age. Erosion of natural	
Una/Muldon	130023	10	10	0.1	No	2024	deposits.	

**LEAD**

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date	Typical Source	
Beasley I/Beasley II	130016	0	15	0.001	No	2023	Corrosion of household	
Gates/Griffith	130015	0	15	0.003	No	2023	plumbing systems. Erosion of	
Pine Bluff	130017	0	15	0.005	No	2023	natural deposits.	
Una/Muldon	130023	0	15	0.001	No	2023		

**COPPER**

Well	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date	Typical Source	
Beasley /Beasley II	130016	1.3	1.3	0.469	No	2023	Corrosion of household	
Gates/Griffith	130015	1.3	1.3	0.523	No	2023	plumbing systems. Erosion of	
Pine Bluff	130017	1.3	1.3	0.481	No	2023	natural deposits.	
Una/Muldon	130023	1.3	1.3	0.228	No	2023		

**SODIUM**

Well	PWS ID#	MCL	Your Water		Violation	Sample Date	Typical Source	
Beasley /Beasley II	130016	250,000	153,000		No	2024	Road salt, water treatment	
Gates/Griffith	130015	250,000	103,000		No	2024	chemicals, water softeners and	
Pine Bluff	130017	250,000	155,000		No	2024	sew age effluents.	
Una/Muldon	130023	250,000	101,000		No	2024		

**URANIUM**

Well-	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date	Typical Source	
Beasley /Beasley II	130016	5	5	0.05	No	2021	Erosion of natural deposits.	
Pine Bluff	130017	5	5	0.05	No	2021		
Gates/Griffith	130015	5	5	0.05	No	2021		
Una/Muldon	130023	5	5	0.05	No	2021		

## HAA5

Well-	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date	Typical Source	
Beasley /Beasley II	130016	0	60	3.44	No	Jan-24	By-product of drinking w ater	
Pine Bluff	130017	0	60	0.05	No	Jan-24	disinfectant.	
Gates/Griffith	130015	0	60	0.05	No	Jan-24		
Una/Muldon	130023	0	60	1.5	No	Jan-24		

## TTHM

Well-	PWS ID#	MCLG	MCL	Your Water	Violation	Sample Date	Typical Source	
Beasley /Beasley II	130016	0	80	0.05	No	Jan-24	By-product of drinking w ater	
Pine Bluff	130017	0	80	0.05	No	Jan-24	chlorination.	
Gates/Griffith	130015	0	80	1.34	No	Jan-24		
Una/Muldon	130023	0	80	0.05	No	Jan-24		

*\*Some people who drink water containing Total Trihalomethanes and Haloacetic acids in excess of the maximum contaminant level (MCL) over many years may experience problems with their liver, kidneys or internal nervous system and may have increased risk of getting cancer.*