

## 2023 Annual Drinking Water Quality Report

Hawstone Village Water PWSID: 4440018

### Mifflin County Municipal Authority

Mifflin County Municipal Authority (MCMA) is pleased to present to you this year's Hawstone Village 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. MCMA is committed to ensuring the quality of your water. Our water source is drawn from a well located just west of the village on the side of Hawstone Mountain. Our goal is and always will be, to provide you a safe and dependable supply of drinking water.

We have a source water protection plan available from our office that provides more information such as potential sources of contamination. If you would like to review this plan a copy will be provided at the office during regular business hours.

I'm pleased to report that our drinking water meets federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Craig A. Bubb, Executive Director, at 717-248-0165. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of the regularly scheduled Board meetings. Meetings are held on the third Wednesday of every month at 1:00 PM at the Derry Township Municipal Office, 73 Reserve Lane, Lewistown.

MCMA routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31<sup>st</sup>, 2023. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

#### **Definitions:**

**Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Maximum Contaminant Level Goal (MCLG):** 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 Contaminant Level (MCL):** The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the Maximum Contaminant Level Goals as feasible using the best available treatment technology.

**pCi/L=** picocuries per liter (a measure of radioactivity).

**Maximum Residual Disinfectant Level (MRDL):** The highest level of a disinfectant allowed in drinking water.

In the following 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:

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.

## TEST RESULTS

### Chemical Results Summary Table

PWSID	Analyte	Year	Sample Type	Location	Number of Samples	Minimum Value	Maximum Value	MCL	Over MCL	Average Results	Unit of Measure	Last Sample Date
4440018	Arsenic	2021	Entry	101	1	0.0037	0.0037	0.01	No	0.0037	mg/l	5/4/2021
4440018	Barium	2021	Entry	101	1	0.102	0.102	2	No	0.102	mg/l	5/4/2021
4440018	Trihalomethanes	2019	Distribution	701	1	0.00487	0.00487	0.08	No	0.00522	mg/l	7/5/2022
4440018	Chlorodibromo-methane	2019	Distribution	701	1	0.00104	0.00104		No	0.00104	mg/l	7/5/2022
4440018	Bromodichloro-methane	2019	Distribution	701	1	0.00204	0.00204		No	0.00204	mg/l	7/5/2022
4440018	Chloroform	2019	Distribution	701	1	0.00179	0.00179		No	1.61	mg/l	7/5/2022

### Lead / Copper 90th Percentile Summary Table

PWSID	Contaminant	Year	Number of Sample Records	90th Percentile Result	Number of Samples Above Action Level	Action Level	Unit of Measure	Sample Start Date	Sample End Date
4440018	Copper	2022	5	0.061	0	1.3	mg/L	6/1/2022	9/30/2022
4440018	Lead	2022	5	0.00026	0	0.015	mg/L	6/1/2022	9/30/2022

Note: **NONE** of the **5** samples that were collected in September 2022, for lead or copper, exceeded the Action Level. Sampling is required once every three (3) years. **The next round of samples will be collected in the summer of 2025.**

**Year 2023 Entry Point Disinfectant Residuals Table**

PWSID	Location ID	Analyte	Highest Value Reported	Lowest Value Reported	Date of Lowest Value	Minimum Level Required	Unit of Measure			
4440018	101	Chlorine	2.55	0.65	4/23/2023	0.4	mg/L			

**2023 Year Distribution Disinfectant Residuals Table**

PWSID	Analyte	Month of Highest Average Result	Highest Average Result	MRDL	Over MRDL	Lowest Average Results	Unit of Measure	
4440018	Chlorine	August	1.80	4.0	No	1.04	mg/L	

**2023 Distribution Microbial Summary Table**

PWSID	Contaminant	Month	No. of Routine Samples Taken	No. Routine Samples Out of Compliance	No. of Check Samples Taken	No. Check Samples Out of Compliance	Percent Out of Compliance	No. of Positive Fecal / E. Coli
4440018	Total Coliform Presence	Jan	1	0	0	0	0	0
4440018	Total Coliform Presence	Feb	1	0	0	0	0	0
4440018	Total Coliform Presence	Mar	1	0	0	0	0	0
4440018	Total Coliform Presence	Apr	1	0	0	0	0	0
4440018	Total Coliform Presence	May	1	0	0	0	0	0
4440018	Total Coliform Presence	Jun	1	0	0	0	0	0
4440018	Total Coliform Presence	Jul	1	1	3	0	0	0
4440018	Total Coliform Presence	Aug	1	0	0	0	0	0
4440018	Total Coliform Presence	Sep	1	0	0	0	0	0
4440018	Total Coliform Presence	Oct	1	0	0	0	0	0
4440018	Total Coliform Presence	Nov	1	0	0	0	0	0
4440018	Total Coliform Presence	Dec	1	0	0	0	0	0

Note: The Total Coliform Rule requires water systems to meet a stricter limit for Coliform bacteria. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When Coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public by newspaper, television or radio. **In 2023, 12 samples obtained were tested for Total Coliforms and Fecal Coliforms. One (1) sample tested positive for Coliform growth in July 2023. Subsequent check samples which included a recollect at sample site, a sample upstream of the sample site and downstream of the sample site were all coliform absent and E. coli negative. No further sampling was required.**

\*\*\*Standards of the US EPA stipulate that for treated water of acceptable quality, not more than 10% of all standard 100ml portions examined per month by the Colilert procedure shall show the presence of coliform organisms.

We also tested for the following contaminants in 2023 - Nitrates and Nitrites, with no detectable limits.

**Were there any VIOLATIONS?** No, there were no violations for report year 2023.

**What Does This Mean:**

**MCMA complied with all monitoring requirements under the Safe Drinking Water Act.**

**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.**

The EPA has determined that your water **IS SAFE** at these levels. All sources of drinking water are subject to potential contamination by constants that are naturally occurring or man-made. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials. 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.

MCL's are set at very stringent levels for health effects. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Thank you for allowing us to continue providing your family with clean, quality water this year. 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 Hotline 1-800-426-4791.

Please call our office if you have any questions.

MCMA works around the clock to provide top quality water to every tap. We ask that our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Sincerely,

Craig A. Bubb

Executive Director - MCMA

[Cbubb@MifflinCountyH2o.com](mailto:Cbubb@MifflinCountyH2o.com)

Other referenced materials as well as useful information can be found on our website:

[www.MifflinCountyH2o.com](http://www.MifflinCountyH2o.com)