

**2022 Annual Drinking Water Quality Report**  
**The Commission of Water Works of Salisbury Borough PSWID #4560041**

Este informe contiene informacion muy importante sobre su agua de beber. Traduzcalo o hable con alguien que lo entienda bien. (This report contains very important information about your drinking water. Translate it or speak to someone who understands it.)

We're pleased to present to you this year's Annual Drinking Water Quality 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 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 Findley Spring which is classified as groundwater and located approximately three miles from Salisbury Borough.

We're pleased to report that our drinking water meets federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Nancy Green at the Salisbury Borough Office, 171 Smith Ave., Salisbury, PA 15558, phone number (814) 662-2605. 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 2<sup>nd</sup> Monday of each month at 7:00 PM at the Municipal Building.

The Commission of Water Works 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 1<sup>st</sup> to December 31<sup>st</sup>, 2022. 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.

**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 (800-426-4791).**

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:

**Not Applicable (N/A)** - not applicable

**Non-Detects (ND)** - laboratory analysis indicates that the contaminant is not present at a detectable level.

**Parts per million (ppm)** or Milligrams per liter (mg/l) - one part per million or milligrams per liter (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 or micrograms per liter (corresponds to one minute in 2,000 years, or a single penny in \$10,000,000).

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

**Treatment Technique (TT)** - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

**Level 1 Assessment** - A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

**Level 2 Assessment** - A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an *E. coli* MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

**Minimum Residual Disinfectant Level** - The minimum level of residual disinfectant required at the entry point to the distribution system.

**Maximum Contaminant Level (MCL)** - 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 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.

**Entry Point Disinfectant Residual**

Contaminant	Minimum Disinfectant Residual	Lowest Level Detected	Range of Detections	Units	Lowest Sample Date	Violation Y/N	Sources of Contamination
Chlorine (2022)	0.40	0.50	0.50-3.00	ppm	10/1/22	N	Water additive used to control microbes.

Chemical Contaminant	MCL	MCLG	Highest Level Detected	Range of Detections	Units	Violation Y/N	Sources of Contamination
Chlorine (2022) (Distribution)	4	4	1.46 (March 2022)	0.77 – 1.46	ppm	N	Water additive used to control microbes.
Barium	2	2	0.0464 (4/21/21)	N/A	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
TTHMs [Total Trihalomethanes]	80	N/A	0.52 (11/16/22)	N/A	ppb	N	By-product of drinking water chlorination

Contaminant	Action Level (AL)	MCLG	90 <sup>th</sup> Percentile Value	Units	# of Sites Above AL of Total Sites	Violation Of TT Y/N	Sources of Contamination
Lead (2022)	15	0	0	ppb	0 out of 10	N	Corrosion of household plumbing systems; Erosion of natural deposits
Copper (2022)	1.3	1.3	0.653	ppm	0 out of 10	N	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives

*"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. The Commission of Water Works of Salisbury Borough 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>."*

<b>Microbial (related to E. coli)</b>					
Contaminants	MCL	MCLG	Positive Sample	Violation Y/N	Sources of Contamination
<i>E. coli</i>	Routine and repeat samples are total coliform-positive <b>and</b> either is <i>E. coli</i> -positive	0	1 3/2/22	N	Human and animal fecal waste.

*E. coli* are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term health effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely compromised immune systems. Although we have detected *E. coli*, we were not in violation of the *E. coli* MCL.

**Violations:** In 2022 we were required to monitor for Haloacetic Acids (5) and Trihalomethanes  $\pm$  3 days of July 3<sup>rd</sup>, 2022 but failed to sample until 11/16/22. We were also required to monitor for Lead and Copper in the time period of 6/1/22 to 9/30/22 but failed to do so. Public Notification regarding these missed and late sampling is enclosed at the end of this report.

## **EDUCATIONAL INFORMATION:**

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 human activity. Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which 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 run-off, 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 run-off 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 run-off 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 assure that tap water is safe to drink, EPA and DEP prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA and DEP regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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 (800-426-4791).

What does this mean? As you can see by the table, our system had no MCL 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. The EPA has determined that your water is safe at these levels.

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a dependable water supply we sometimes need to make improvements that will benefit all of our customers. These improvements are sometimes reflected as rate structure adjustments. Thank you for understanding.

Please call our office if you have questions. We at The Commission of Water Works of Salisbury Borough work 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.

# IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER FAILURE TO MONITOR

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## Monitoring Requirements Not Met for the Commission of Water Works of Salisbury Borough

Our water system violated several drinking water standards over the past year. Even though these were not emergencies, as our customers, you have a right to know what happened and what we did to correct these situations.

*We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During 2022 we were required to monitor for Haloacetic Acids (5) and Trihalomethanes  $\pm$  3 days of 7/3/22 but failed to sample until 11/16/22 and we were also required to monitor for Lead and Copper in the time period of 6/1/22 to 9/30/22 but failed to do so, therefore cannot be sure of the quality of our drinking water during that time.*

### What should I do?

There is nothing you need to do at this time.

The table below lists the contaminants we did not properly test for during the last year, how often we are supposed to sample for Haloacetic Acids (5), Trihalomethanes, Lead, and Copper and how many samples we are supposed to take, how many samples we took, when samples should have been taken, and the date on which follow-up samples were taken.

Contaminant	Required sampling frequency	Number of samples taken	When all samples should have been taken	When samples were taken
Haloacetic Acids (5)	Annually $\pm$ 3 days of July 3 <sup>rd</sup>	0	$\pm$ 3 days of July 3 <sup>rd</sup> , 2022	11/16/22
Trihalomethanes	Annually $\pm$ 3 days of July 3 <sup>rd</sup>	0	$\pm$ 3 days of July 3 <sup>rd</sup> , 2022	11/16/22
Lead	Every 3 Years/10 Samples	0	6/1/22 to 9/30/22	6/1/23 to 9/30/23
Copper	Every 3 Years/10 Samples	0	6/1/22 to 9/30/22	6/1/23 to 9/30/23

### What happened? What was done?

*During 2022 we were required to monitor for Haloacetic Acids (5) and Trihalomethanes  $\pm$  3 days of July 3<sup>rd</sup>, 2022 but failed to sample until 11/16/22. The Haloacetic Acids (5) and Trihalomethanes taken on 11/16/22 results were in compliance with no detects. We were also required to monitor for Lead and Copper in the time period of 6/1/22 to 9/30/22 but failed to do so. Samples will be taken from 6/1/23 to 9/30/23.*

For more information, please contact Nancy Green at 814-662-2605.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

This notice is being sent to you by the Commission of Water Works of Salisbury Borough.

PWS ID#: 4560041

Date distributed: June 15, 2023