

**CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**

Name **Tower City Borough Authority**

P.W.S. Number **3540045**

**Our water met or exceeded all State and Federal standards for the year 2023!**

This is to confirm that the attached Consumer Confidence Report has been distributed to all users of this water system will be made available by June 30, 2024, at the authority office and at [www.Towercityboroughauthority](http://www.Towercityboroughauthority) by use of bulletin boards and or by letter.

This also certifies that the information contained in this report is correct and consistent with the compliance self-monitoring data previously submitted to the Pennsylvania Department of Environmental Protection.

Certified By:

Signature Andrew F. Mione

Name: Andrew F. Mione

Title: Responsible Operator in Charge

Certification: # 199079

Date: 05/14/2024

# 2023 Annual Water Quality Report

## Tower City Borough Authority

**This report contains very important information about your drinking water. Translate it or speak to someone who understands it.**

We are pleased to present to you this year's 2023 Tower City Borough Authority Annual 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. We are pleased to report that our drinking water meets all federal and state requirements. If you have any questions about this report or concerning your water utility, please contact **The Authority Office at 717-647-4483 or attend any Regularly Scheduled Meeting They Are Held the First Monday of each month at 6:00 pm in the authority office at 219 E. Colliery Ave Tower City PA. 17980.**

Our water source is Well # 1 Located near Muir. Well # 3 located near Tower City Well # 5 Locater near Sheridan and well # 6 located near Clarks Valley Water Assessment of our sources was completed by the PA Department of Environmental Protection PA. DEP Protection The Assessment found that our sources are potentially most susceptible to See ( insert ) potential sources of contamination listed in the source water assessment summary overall our sources have little moderate high risk of significant contamination a summary report of the assessment is available on the source water assessment summary Reports ELibrary web page [WWW.eilbrary.dep.state.pa.us/dweb/view/collection-10045](http://WWW.eilbrary.dep.state.pa.us/dweb/view/collection-10045) complete reports were distributed to the municipalities ,water supplier local planning agencies and PADEP offices copies of the complete report are available for review at the PA DEP at 717-705-4700

Tower city Borough Authority routinely monitors for constituents in your drinking water according to Federal and State laws. The analytical results are summarized in a table presented later in this report. The table reflects monitoring for the period of **January 1<sup>st</sup> 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 is important to remember that the presence of these constituents does not necessarily pose a health risk. In addition, DEP does not require annual monitoring for all contaminants. Therefore, some of the data provided in the table below are from prior years, as noted.

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).

**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 from 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 storm water 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 storm water 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.
- 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 and DEP prescribe 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 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).

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 have provided the following definitions:

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

**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).

**Picocuries per liter (pCi/L)** - Picocuries per liter is a measure of the radioactivity in water.

**Nephelometric Turbidity Unit (NTU)** - Nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

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

**Maximum Contaminant Level (MCL)** - The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's 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. MCLG's allow for a margin of safety.

# TEST RESULTS

## MICROBIOLOGICAL CONTAMINANTS

Contaminant (Unit of Measurement)	Violation Y/N	Highest Level Detected	Range	MCLG	MCL	Likely Source of Contamination
Total Coliform Bacteria	N	0	1	1	No more than 1 positive sample per month	Naturally present in environment
Distribution Chlorine Samples	N	2.29	0.22 – 2.29	4.0	4.0	Added to control microbes

## ENTRY POINT DISINFECTION RESIDUALS

Chlorine, ppm	N	3.64	0.42-3.64	4.0	4.0	Added to control microbes
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## DISINFECTION BYPRODUCTS

Haloacetic Acids 5 (Five), ppm	N	0.0010	0.0010- 0.00125	N/A	60	Byproducts from chlorine addition
Trihalomethanes, ppm	N	0.0014	0.0014. 0.00476	N/A	80	Byproducts from chlorine addition

## CHEMICAL CONTAMINANTS

Nitrate, ppm	N	0.0	Single sample	10	10	Runoff from fertilizer use
Barium, mg/l 2021	N	0.128	Single sample	N/A	2.0	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium 2021	N	0.0	Single sample	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposits

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## LEAD AND COPPER

Contaminant (Unit of Measurement)	Violation Y/N	90 <sup>th</sup> Percentile Value	Action level (AL)	MCLG	# of Sites Above AL of Total Sites	Likely Source of Contamination
Copper, ppm 2022	N	0.365	1.06-.091	1.3	0 of 10	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead, ppb 2022	N	ND 0.0024	.013-.001	.013 m	0 of 10	Corrosion of household plumbing systems, erosion of natural deposits

**An Important Message:** *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. Tower city Borough Authority 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. <http://www.epa.gov/safewater/lead>.”*



### Consumer Confidence Report (CCR) Certification Form

Name of CWS: Tower City Borough Authority PWSID Number: 3540045

The community water system (CWS) named above confirms that its CCR for the period of January 1, 2023 through December 31, 2023 has been distributed to customers (and appropriate notices of availability have been given). The system also confirms that the information in the CCR is correct and consistent with the compliance monitoring data previously submitted to the Pennsylvania Department of Environmental Protection (DEP).

**Please check all items that apply to your CCR delivery.**

- CCR was hand-delivered to customers. Date delivered: \_\_\_\_\_
- CCR was distributed by mail. Date mailed: \_\_\_\_\_
- CCR was distributed by other direct delivery method(s). (check all that apply):
  - Mail notification that CCR is available on website via a direct uniform resource locator (URL)\*  
Direct URL address: www.\_\_\_\_\_ Date mailed: \_\_\_\_\_
  - E-mail – direct URL to CCR\*
  - E-mail – CCR sent as an attachment to the e-mail\* } Date(s) email sent: \_\_\_\_\_
  - E-mail – CCR sent embedded in the e-mail\*

\* If the CCR was provided electronically, attach a description of how a customer requests a paper copy.

- "Good faith" efforts were used to reach non-bill paying consumers:
  - posting the CCR on the Internet at www.towercityboroughauthority.com
  - mailing the CCR to postal patrons within the service area (attach a list of zip codes used)
  - advertising the availability of the CCR in news media (attach copy of announcement)
  - publication of CCR in local newspaper (attach copy of newspaper announcement)
  - posting the CCR in public places (attach a list of locations)
  - delivery of multiple copies to single bill addresses serving several persons
  - delivery to community organizations (attach a list)
  - electronic newsletter or listserv (attach a copy of the article or notice)
  - electronic announcement of CCR availability via social media outlets (attach list of outlets utilized)
- The CCR was posted on a publicly-accessible Internet site because this system serves 100,000 or more.  
Internet site address: www.\_\_\_\_\_
- Delivered CCR to other agencies as required by the state/primacy agency (attach a list)
- A copy of the CCR and a completed CCR Certification Form have been sent to the DEP district office (or the Allegheny County Health Department) that provides oversight and support of this water system. (See back of form for addresses.)

Certified by: Signature: *Cory Tschopp* Print Name: Andrew F. Mione / Cory Tschopp  
 Title: Responsible Operator in Charge Phone: 717.647.4483 Date: 5/14/2024  
Lead Water Operator

**For DEP use only. Checked by: \_\_\_\_\_ Date: \_\_\_\_\_**

**Safe Drinking Water Program Regional Office and County Health Department Contact Information  
for CCR and CCR Certification Form Submissions**

- The completed form is to be addressed to: PA DEP - Safe Drinking Water and sent to the address of the appropriate district office or county health department (CHD) having jurisdiction over the water system.
- District and CHD addresses by county can be found within DEP document number 3930-FM-BSDW0560. This document can be located by searching under "forms" for document number 3930-FM-BSDW0560 on eLibrary at the following link: <http://www.depgreenport.state.pa.us/elibrary/GetFolder?FolderID=3195>.