Pennsylvania Department of Environmental Protection

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER

2024 ANNUAL DRINKING WATER QUALITY REPORT

PWSID #: 3060072 **NAME:** BOROUGH OF TOPTON

Este informe contiene información importante acerca de su agua potable. Haga que alguien lo traduzca para usted, ó hable con alguien que lo entienda. (This report contains important information about your drinking water. Have someone translate it for you, or speak with someone who understands it.)

WATER SYSTEM INFORMATION:

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 STACY C. MILO-KRATZER at 610-682-2541 or smilo@toptonborough.com. We want you to be informed about your water supply. If you want to learn more, please attend any of our regularly scheduled Borough Council meetings. They are held on the second Monday of each month at 7:00PM at Borough Hall, 205 S. Callowhill Street, Topton PA 19562.

SOURCE(S) OF WATER:

Our water source(s) is/are: (Name-Type-Location)

34 protected springs, which are located south of Topton on Borough-owned watershed property, and one well located on the east side of Henningsville Road in Topton. The water from the springs is treated using a pressure filtration system. Sodium hypochlorite is added for disinfection of the water to both the spring and well water. The Borough maintains a resevoir that stores approximately one million gallons.

A Source Water Assessment of our source(s) was completed by the PA Department of Environmental Protection (Pa. DEP). The Assessment has found that our source(s) of is/are potentially most susceptible to: state and local roads, railroads, a pipeline, underground storage tanks, hazardous waste-RCRA sites, toxics release inventory sites, and land recycling cleanup sites. Overall, our sources have moderate-high risk of significant contamination. A summary report of the Assessment is available on the Source Water Assessment Summary Reports eLibrary web page: Source Water Assessment Folder. Complete reports were distributed to municipalities, water supplier, local planning agencies and Pa. DEP offices. Copies of the complete report are available for review at the Pa. DEP South Central Regional Office, Records Management Unit at (717) 705-4700.

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 microbial contaminants are available from the *Safe Drinking Water Hotline* (800-426-4791).

Monitoring Your Water:

We routinely monitor for contaminants in your drinking water according to federal and state laws. The following tables show the results of our monitoring for the period of January 1 to December 31, 2024. The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data is from prior years in accordance with the Safe Drinking Water Act. The date has been noted on the sampling results table.

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 (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.

Maximum Residual Disinfectant Level (MRDL) - 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.

Maximum Residual Disinfectant Level Goal (MRDLG) - 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.

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

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.

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

Mrem/year = millirems per year (a measure of radiation absorbed by the body)

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

ppb = parts per billion, or micrograms per liter (µg/L)

ppm = parts per million, or milligrams per liter (mg/L)

ppq = parts per quadrillion, or picograms per liter

ppt = parts per trillion, or nanograms per liter (ng/L)

DETECTED SAMPLE RESULTS:

Chemical Contaminants								
Contaminant	**MCL in CCR Units**	**MCLG**	**Level Detected**	**Range of Detections**	**Units**	**Sample Date**	**Violation Y/N**	**Sources of Contamination**
Chlorine	mrdlg=4	mrdlg=4	1.32	.23 to 1.32	ppm	July	N	water additive to control microbes
Nitrate	10	10	2.36	0.0-2.36	MG/L	2-05-24	N	run off from fertilizer use
HAA5	60 PPB	NA	2.34	0.0-2.3	ppb	2024	N	by product of drinking water disinfection
TTHM	80 PPB	NA	6.69	4.8-6.6	ppb	2024	N	by product of drinking water disinfection

*EPA's MCL for fluoride is 4 ppm. However, Pennsylvania has set a lower MCL to better protect human health.

Entry Point Disinfectant Residual							
Contaminant	**Minimum Disinfectant Residual**	**Lowest Level Detected**	**Range of Detections**	**Units**	**Sample Date**	**Violation Y/N**	**Sources of Contamination**
Chlorine	.40	.23	.23-1.32	ppm	7-4-24	N	Water additive used to control microbes.

Lead and Copper								
Contaminant	**Action Level (AL)**	**MCLG**	**90th Percentile Value**	**Range of tap sampling results**	**Units**	**# of Sites Above AL of Total Sites**	**Violation Y/N**	**Sources of Contamination**
Lead	15	0	NA	NA	ppb	NA	N	Corrosion of household plumbing.
Copper	1.3	1.3	NA	NA	ppm	NA	N	Corrosion of household plumbing.

Microbial (related to Assessments/Corrective Actions regarding TC positive results)					
Contaminants	**TT**	**MCLG**	**Assessments/ Corrective Actions**	**Violation Y/N**	**Sources of Contamination**
Total Coliform Bacteria	Any system that has failed to complete all the required assessments **or** correct all identified sanitary defects, is in violation of the treatment technique requirement	N/A	See detailed description under "Detected Contaminants Health Effects Language and Corrective Actions" section	N	Naturally present in the environment.

Microbial (related to E. coli)					
Contaminants	**MCL**	**MCLG**	**Positive Sample(s)**	**Violation Y/N**	**Sources of Contamination**
E. coli	Routine and repeat samples are total coliform-positive **and** either is *E. coli*-positive **or** system fails to take repeat samples following *E. coli*-positive routine sample **or** system fails to analyze total coliform-positive repeat sample for *E. coli.*	0	0	N	Human and animal fecal waste.
Contaminants	**TT**	**MCLG**	**Assessments/ Corrective Actions**	**Violation Y/N**	**Sources of Contamination**
E. coli	Any system that has failed to complete all the required assessments **or** correct all identified sanitary defects, is in violation of the treatment technique requirement	N/A	See description under "Detected Contaminants Health Effects Language and Corrective Actions" section	N	Human and animal fecal waste.

Turbidity						
Contaminant	**MCL**	**MCLG**	**Level Detected**	**Sample Date**	**Violation Y/N**	**Source of Contamination**
Turbidity	TT=1 NTU for a single measurement	0	.174	11/12/24	N	Soil runoff
	TT= at least 95% of monthly samples≤0.3 NTU		100%	2024	N	

Total Organic Carbon (TOC)					
Contaminant	**Range of % Removal Required**	**Range of percent removal achieved**	**Number of quarters out of compliance**	**Violation Y/N**	**Sources of Contamination**
TOC	35%	0-100%	0	N	Naturally present in the environment

DETECTED CONTAMINANTS HEALTH EFFECTS LANGUAGE AND CORRECTIVE ACTIONS:

OTHER VIOLATIONS:

The Borough failed to collect samples for PFAS in quarter 3 of 2024. As directed by DEP, the Borough will take samples for PFAS in quarter 3 of 2025 to return to compliance. The Borough failed to collect samples for TOC in quarter 3 of 2024. The Borough has since taken the proper samples and is now in compliance.

The Borough reported samples collected for Giardia inactivation July 11-July 16, 2024 to DEP late. The Borough resumed timely, daily reporting of this sample type and is now in compliance. The Borough failed to collect samples for distribution chlorine residuals during the weeks of July 14, 2024 and July 21, 2024. The Borough resumed taking the proper samples on July 29, 2024 and is now in compliance.

The Borough also was in violation for late reporting of daily chlorine samples from Entry Point 101 as well as late reporting of combined filter effluent turbidity numbers from Entry Point 103.

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 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 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 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 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).

Information about Lead

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 Borough of Topton is responsible for providing high quality drinking water and is 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 the Borough of Topton at (610)682-2541. 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.*

OTHER INFORMATION:

The finished water sodium concentration in the Borough is above the 20MG/L guidance level established by the EPA. During our last filter plant performance evaluation conducted by DEP, our sodium level was found to be 31.9 MG/L. While sodium is not a primary contaminant in drinking water, there are still health concerns related to it. Those residents who are on a sodium restricted diet should be made aware of this.

120Water prepared a service line inventory of our system that includes the type of materials contained in each service line in our distribution system. This inventory can be accessed online at toptonborough.com or by contacting our office at 610-682-2541.

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BUREAU OF SAFE DRINKING WATER

PUBLIC NOTICE

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER
FAILURE TO MONITOR

ESTE INFORME CONTIENE INFORMACIÓN IMPORTANTE ACERCA DE SU AGUA POTABLE. HAGA QUE ALGUIEN LO TRADUZCA PARA USTED, O HABLE CON ALGUIEN QUE LO ENTIENDA.

Monitoring Requirements Not Met for Topton 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 the 3rd quarter of 2024 we failed to monitor for the following contaminants and 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 contaminant(s) we did not properly test for during the last year, the required sampling frequency, how many samples we took, when samples should have been taken, and the date on which corrective action samples were (or will be) taken.

Contaminant	Required sampling frequency	Number of samples taken	When all samples should have been taken	When samples were or will be taken
total alkalinity (1927)	quarterly	0	3rd quarter of 2024	4th quarter of 2024
TOCs (2920)	quarterly	0	3rd quarter of 2024	4th quarter of 2024

What happened? What was done? When will it be resolved?

The Borough failed to collect the 3rd quarter TOC and ALK samples. The samples were collected in the 4th quarter.

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.

For more information regarding this notice, please contact Stacy Milo at 610-682-2541.

Certified by:

Signature: Stacy C. Milo Date: 01/10/2025

Print Name and Title: STACY C. MILO, Borough Manager

As a representative of the Public Water system indicated above, I certify that public notification addressing the above violation was distributed to all customers in accordance with the delivery requirements outlined in Chapter 25 PA Code 109 Subchapter D of the Department of Environmental Protection (DEP's) regulations. The following methods of distribution were used: *mailing with utility bills and posting on website*

PWS ID#: 3060072 Date distributed: 04/25/2025

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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 3rd quarter 2024 we failed to monitor for the following contaminants and 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 contaminant(s) we did not properly test for during the last year, the required sampling frequency, how many samples we took, when samples should have been taken, and the date on which corrective action samples were (or will be) taken.

Contaminant	Required sampling frequency	Number of samples taken	When all samples should have been taken	When samples were or will be taken
PFOS at entry points 101 & 103	quarterly	0	7/1/24 - 9/30/24	10/1/24 - 12/31/24
PFOA at entry points 101 & 103	quarterly	0	7/1/24 - 9/30/24	10/1/24 - 12/31/24

What happened? What was done? When will it be resolved?

The Borough failed to collect the 3rd quarter samples, therefore we have to start over in a 4 quarter sampling period. We will be done sampling in the 3rd quarter of 2025.

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.

For more information regarding this notice, please contact Stacy Milo at 610-682-2541.

Certified by:

Signature: Stacy C. Milo Date: 01/10/2025

Print Name and Title: STACY C. MILO, Borough Manager

As a representative of the Public Water system indicated above, I certify that public notification addressing the above violation was distributed to all customers in accordance with the delivery requirements outlined in Chapter 25 PA Code 109 Subchapter D of the Department of Environmental Protection (DEP's) regulations. The following methods of distribution were used: *mailing with utility bills and posting on website*

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Monitoring Requirements Not Met for Topton Borough Water Supply

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 July 2024 we failed to monitor for the following contaminants and 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 contaminant(s) we did not properly test for during the last year, the required sampling frequency, how many samples we took, when samples should have been taken, and the date on which corrective action samples were (or will be) taken.

Contaminant	Required sampling frequency	Number of samples taken	When all samples should have been taken	When samples were or will be taken
Giardia Inactivation	daily	25 of 31	July 11 – July 16, 2024	July 17, 2024
distribution chlorine residuals	weekly	2 of 4	weeks 7/14-7/20 & 7/21-7/28/2024	July 29, 2024

What happened? What was done? When will it be resolved?

Due to employee strike, the Borough did not perform sampling according to the approved sampling plan by contractor. Sampling resumed when errors were discovered on July 17, 2024 and July 29, 2024.

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.

For more information regarding this notice, please contact THE BOROUGH OF TOPTON at 610-682-2541.

Certified by:

Signature: Stacy C. Milo Date: 10/08/2024

Print Name and Title: STACY C. MILO, Borough Manager

As a representative of the Public Water system indicated above, I certify that public notification addressing the above violation was distributed to all customers in accordance with the delivery requirements outlined in Chapter 25 PA Code 109 Subchapter D of the Department of Environmental Protection (DEP's) regulations. The following methods of distribution were used: *REGULAR USPS MAIL AND POSTING AT PUBLIC LOCATION AND ON PUBLIC WEBSITE*

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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 October 1 - December 31, 2024 we failed to monitor for the following contaminants and 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 contaminant(s) we did not properly test for during the last year, the required sampling frequency, how many samples we took, when samples should have been taken, and the date on which corrective action samples were (or will be) taken.

Contaminant	Required sampling frequency	Number of samples taken	When all samples should have been taken	When samples were or will be taken
TOC from location ID Plant-303	quarterly	0	October 1 - December 31, 2024	January 1 - March 31, 2025

What happened? What was done? When will it be resolved?

The Borough improperly collected samples during the fourth quarter of 2024. The Borough took samples properly as soon as DEP notified the Borough.

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.

For more information regarding this notice, please contact STACY C. MILO-KRATZER at 610-682-2541.

Certified by:

Signature: Stacy C. Milo-Kratzer Date: 05/01/2025

Print Name and Title: STACY C. MILO-KRATZER

As a representative of the Public Water system indicated above, I certify that public notification addressing the above violation was distributed to all customers in accordance with the delivery requirements outlined in Chapter 25 PA Code 109 Subchapter D of the Department of Environmental Protection (DEP's) regulations. The following methods of distribution were used: *mailing as URL with utility bills, and posting on website.*

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