

# 2025 Annual Water Quality Report

## DOYLESTOWN BOROUGH WATER SYSTEM

10 DOYLE STREET

DOYLESTOWN, PENNSYLVANIA 18901

PHONE: (215) 345-4140 • FAX: (215) 340-6214



THIS REPORT CONTAINS IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

### Consumer Confidence Report Rule

In 1996, Congress amended the Safe Drinking Water Act, adding a provision that requires all community water systems to deliver to their customers a brief annual water quality report. Final regulations were promulgated by EPA in 1998, known as the Consumer Confidence Report Rule, which established the requirements for these annual water quality reports. The deadline for distribution of the annual report is July 1st of every year, for the preceding calendar year.

### Treatment of Drinking Water

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 EPA's Safe Drinking Water Hotline at (800) 426-4791 or by visiting EPA's website at [www.epa.gov/safewater](http://www.epa.gov/safewater).

Ground water withdrawn from the Doylestown area is treated within the well houses before being pumped into the distribution system. Treatment chemicals added include: Sodium Hypochlorite (Chlorine), Sodium Hydroxide (Caustic Soda), and SNC Type-B (ortho / poly phosphonate blend). Chemical addition is necessary for disinfection, pH remediation, and corrosion control respectively. Disinfection is necessary to inactivate microorganisms which are naturally present in the environment. The treated water is pumped through the distribution system to storage tanks.

### Service Line Inventory

As of 2024, The Pennsylvania Department of Environmental Protection (DEP) has implemented a new requirement to provide a service line inventory in accordance with the Lead and Copper Rule Revisions (LCRR) published by the EPA in 2021. Doylestown Borough prepared a service line inventory detailing the type of material contained in each service line in the distribution system. This inventory can be accessed online at [www.doylestownborough.net/pages/water-service-line-inventory/](http://www.doylestownborough.net/pages/water-service-line-inventory/) or by contacting the Borough office at 215-345-4140.

### Doylestown Sources of Water

The water system, owned and operated by the Doylestown Borough, is permitted under the Pennsylvania Safe Drinking Water Act and is identified as PWS ID No. 1090081.



The drinking water is drawn from five wells located throughout the Borough, and are classified as ground water sources. As rainwater and melted snow travels through the surface of the earth, it dissolves naturally occurring minerals and radioactive material and may pick up different substances.

Doylestown maintains two finished water storage tanks. The first, with a capacity of 1,000,000 gallons, is located at the corner of Spruce St. and E. Court St. The second, with a capacity of 400,000 gallons, is in the woods near Veterans Memorial Park.

The Borough also receives water from the Doylestown Township Municipal Authority (DTMA) through an interconnect located on Memorial Dr.

### Safety of Drinking Water

Some people may be more vulnerable to drinking water contaminants than the general population. Immuno-compromised persons, such as people 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/Centers for Disease Control guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from EPA's Safe Drinking Water Hotline at (800) 426-4791 or at [www.epa.gov/safewater](http://www.epa.gov/safewater).



**Volume 19  
Issue 1  
2026**

### **For More Information About Your Water:**

*Doylestown Borough  
Water Utility Committee  
Meetings*

Second Tuesday of  
every Month.  
Meetings @ 6:30 PM

*Meeting Location  
Borough Hall:*

10 Doyle St.  
Doylestown, PA 18901

*Contact Person:*

*John Davis  
Borough Manager  
215-345-4140*

Public Water System  
ID# 1090081

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### Common Contaminants in Water

Contaminants that may be present in the 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 runoff, industrial, or domestic wastewater discharges, 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 byproducts of industrial processes, and which may also come from gas stations, urban storm water runoff, and septic systems.
- ☛ Radioactive contaminants, which can be naturally-occurring or be the result of mining activities.

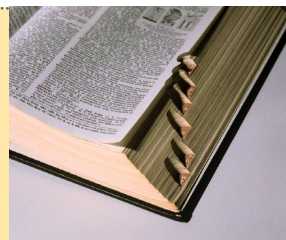


In order to ensure that tap water is safe to drink, EPA establishes regulations which limit the amount of certain contaminants in water provided by public water systems.

### Contaminants Detected in Your Water

The Doylestown Borough is pleased to report that the water that you drink has complied with all federal and state drinking water standards during 2025 (January 1 through December 31).

However, even with the best water treatment, it is not always possible to remove all contaminants. Earth and rock act as natural filters and remove many of these contaminants. The water department tested for approximately 95 different contaminants during the past 10 years. Not all of these contaminants are required to be tested every year. Of those 95 contaminants tested, only 8 different contaminants were detected, all of which are within DEP determined safe levels. These 8 different contaminants and their potential sources of contamination are shown on the following pages. Contaminants tested, but not detected, include, but are not limited to, the following: E. coli, 30 Synthetic Organic Contaminants, and 18 Volatile Organic Contaminants.



### Definitions of Terms

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

**Doylestown Township Municipal Authority (DTMA):** The Doylestown Borough provides water to parts of the

township and receives water of an equal amount as payment from the township's water 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.

**Maximum Residual Disinfectant Level (MRDL):** The highest level of disinfectant residual, in this case for Chlorine, that is allowed in drinking water.

**Maximum Residual Disinfectant Level Goal (MRDLG):** The level of disinfectant residual in drinking water, in this case for Chlorine, below which there is no known or expected risk to health.

**Minimum Residual Disinfectant Level (Min. RDL):** The minimum level of residual disinfectant required at the entry point to the distribution system.

**Parts Per Billion (ppb):** Unit of concentration equivalent to micrograms per Liter ( $\mu\text{g/L}$ ).

**Parts Per Million (ppm):** Unit of concentration equivalent to milligrams per Liter ( $\text{mg/L}$ ).

**Parts Per Trillion (ppt):** Unit of concentration equivalent to nanograms per Liter ( $\text{ng/L}$ ).

**Picocuries per Liter (pCi/L):** Measure of radiation.

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

### SWAP Plan

A source water assessment and protection (SWAP) plan was prepared by the Delaware River Basin Commission (DRBC), on behalf of the Pennsylvania Department of Environmental Protection (DEP), for Doylestown's wells. The purpose of SWAP plans is to determine potential sources of pollution that may impact public water supplies and the appropriate measures to be taken to protect such water supplies. The core assessment issues of the Delaware River Watershed include contamination from agricultural activities, urban runoff, and industrial point sources. The final report is available from DEP upon request.



TABLE OF CONTAMINANTS <sup>1</sup>					
Contaminants	MCL	MCLG	Detection Range <sup>2</sup>	Level Detected <sup>2</sup>	Major Sources in Drinking Water
<b>INORGANIC CONTAMINANTS</b>					
Arsenic	10 ppb	0 ppb	0 - 1 ppb (2024) 0 - 4.9 ppb DTMA (2024)	0.5 ppb (2024) 4.9 ppb DTMA (2024)	Erosion of natural deposits. Discharge from refineries and factories.
Barium	2 ppm	2 ppm	0.13 - 0.67 ppm (2024) 0.16 - 0.45 ppm DTMA (2024)	0.67 ppm (2024) 0.45 ppm DTMA (2024)	Erosion of natural deposits.
Nitrate	10 ppm	10 ppm	1.56 - 4.05 ppm 0.55 - 3.55 ppm DTMA	3.77 ppm 3.55 ppm DTMA	Erosion of natural deposits. Runoff from fertilizer use. Leaching from septic tanks & sewage.
<b>VOLATILE CONTAMINANTS</b>					
1,1-Dichloroethylene	7 ppb	7 ppb	0 - 2.2 ppb N/A DTMA	2.2 ppb 0 ppb DTMA	Discharge from industrial chemical factories.
Tetrachloroethylene	5 ppb	0 ppb	0 - 0.8 ppb 0 - 2.5 ppb DTMA	0.8 ppb 2.5 ppb DTMA	Discharge from factories and dry cleaners
Carbon Tetrachloride	5 ppb	0 ppb	0 - 1 ppb N/A DTMA	1 ppb 0 ppb DTMA	Discharge from chemical plants and other industrial activities
<b>RADIOLOGICAL CONTAMINANTS</b>					
Gross Alpha	15 pCi/L	0 pCi/L	4.93 - 7.49 pCi/L (2020) 0 - 3.8 pCi/L DTMA (2023)	7.49 pCi/L (2020) 3.8 pCi/L DTMA (2023)	Erosion of natural deposits
Combined Uranium	29.9 ug/L	0 ug/L	3.46 - 6.66 ug/L (2023) 2.36 - 6.28 ug/L (2023)	6.66 ug/L (2023) 6.28 ug/L DTMA (2023)	Erosion of natural deposits
Radium 226	5 pCi/L	0 pCi/L	N/A (2023) 0 - 1.47 pCi/L DTMA (2023)	0 pCi/L (2023) 1.47 pCi/L DTMA (2023)	Erosion of natural deposits
<b>LEAD AND COPPER RULE</b>					
Copper	AL = 1.3 ppm	1.3 ppm	0.0059 - 1.2 ppm 0.2 - 0.62 ppm DTMA	90th Percentile: 0.71 ppm 90th Percentile: 0.61 ppm DTMA	Corrosion of household plumbing systems. Erosion of natural deposits. Leaching from wood preservatives.
Lead	AL = 15 ppb	0 ppb	N/A 0 - 7.8 ppb DTMA	90th Percentile: 0 ppb 90th Percentile: 0 ppb DTMA	Corrosion of household plumbing systems. Erosion of natural deposits.
Number of sites above AL: [Lead: 0 of 20] [Copper: 0 of 20]					
<sup>1</sup> Doylestown Township Municipal Authority Values are noted as (DTMA), all other values are from Doylestown Borough's System. For those contaminants only detected in the DTMA System and not the Doylestown Borough System, please refer to the 2025 DTMA Consumer Confidence Report. <sup>2</sup> PA DEP allows public water systems to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data presented on this table, though representative, may be more than one year old. In these cases, the calendar year in which water samples were tested for these contaminants is shown in parentheses. Water samples without years in parentheses were tested in 2025.					
Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other potentially-harmful bacteria may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We did not find coliforms during 2025. If coliforms are detected, we are required to conduct assessments to identify problems and to correct any problems that were found during these assessments.					

**Information about Lead:**

While your drinking water meets EPA's standard for lead, it may contain low levels of lead. 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. Doylestown 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 [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead)

**Information about Arsenic:**

While your drinking water meets EPA's standard for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

**Information about Nitrate:**

Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask for advice from your health care provider.

TABLE OF CONTAMINANTS <sup>1</sup>				
Contaminants	MCL	MCLG	Level Detected <sup>2</sup>	Major Sources in Drinking Water
<b>DISINFECTION BYPRODUCTS (DBPs), PRECURSORS AND DISINFECTANT RESIDUALS</b>				
Free Chlorine	MRDL = 4.0 ppm	MRDLG = 4.0 ppm	Avg. High: 1.06 ppm Avg. Low: 0.74 ppm  Avg. High: 0.6 ppm DTMA Avg. Low: 0.53 ppm DTMA	Water additive used to control microbes.
Haloacetic Acids	60 ppb	N/A	0 ppb Range: N/A 13.06 ppb DTMA Range: 8.62 - 17.5 ppb	Byproduct of drinking water chlorination.
Total Trihalomethanes	80 ppb	N/A	0 ppb Range: N/A 21.3 ppb DTMA Range: 13.6 - 29 ppb	Byproduct of drinking water chlorination.
<b>PER- AND POLYFLUOROALKYL SUBSTANCES (PFOS/PFOA)</b>				
Perfluorooctanoic Acid (PFOA)	14 ppt	8 ppt	12.03 ppt Range: 8.99 - 13.2 ppt 11.92 ppt DTMA Range: 6.65 - 15.57 DTMA	Discharge from manufacturing facilities and runoff from land use activities.
Perfluorooctanesulfonic Acid (PFOS)	18 ppt	14 ppt	10.13 ppt Range: 5.78 - 11.2 ppt 10.85 ppt DTMA Range: 5.68 - 10.85 DTMA	Discharge from manufacturing facilities and runoff from land use activities.
<b>ENTRY POINT DISINFECTANT RESIDUAL / GROUND WATER TREATMENT RULE (GWTR)</b>				
Free Chlorine	Min. RDL = 0.4 ppm	N/A	0.41 ppm Range: 0.41 - 1.48 ppm 0.7 DTMA Range: 0.7 - 2.31 ppm DTMA	Water additive used to control microbes.
<sup>1</sup> Doylestown Township Municipal Authority Values are signified as (DTMA), all other values are from Doylestown Borough's System. For those contaminants only detected in the DTMA System and not the Doylestown Borough System, please refer to the 2025 DTMA Consumer Confidence Report. <sup>2</sup> PA DEP allows public water systems to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data presented on this table, though representative, may be more than one year old. In these cases, the calendar year in which water samples were tested for these contaminants is shown in parentheses. Water samples without years in parentheses were tested in 2025.				

**Information about PFOS & PFOA:**

PFAS chemicals are among a family of man-made compounds that have been used for decades as ingredients to make products resistant to heat, oil, stains, grease, and water. PFAS chemicals can be found in industrial and consumer products such as clothing, carpeting, food packaging, non-stick cookware, firefighting foam, personal care products, adhesives, metal plating, wire manufacturing, and many other uses. In January 2023, Pennsylvania DEP set new drinking water standards for PFOA and PFOS, two contaminants that are part of the larger group of PFAS chemicals. The new regulations set a MCL of 14 ppt for PFOA and a MCL of 18 ppt for PFOS and were enforced for the first time in 2024. In 2024, water systems in Pennsylvania were required to conduct monitoring for these contaminants. Doylestown Borough has been proactive and has sampled the Borough's various wells since 2016 to ensure that existing and future proposed regulations related to PFAS are met.

**Information about Reporting Violations:**

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 your drinking water meets health standards. During the 2025 Consumer Confidence Report reporting period, the Borough Water System had one violation since they failed to monitor for the contaminant Di(2-Ethylhexyl)Phthalate (SOC) in the 4th Quarter of 2024, and therefore cannot be sure of the quality of your drinking water during that time. Additional sampling was conducted in the 1st Quarter of 2025 and submitted to the Pennsylvania DEP. The results of the testing were within the allowable contaminate limits. The Borough staff is taking precautions to prevent the occurrence of further reporting errors. This statement is provided in compliance with the Public Notification requirements of the Safe Drinking Water Act.

<b>Doylestown Borough Council Members</b>	
<p><b>Noni West: <u>Mayor</u></b>  <b>Amy Taylor Popkin: <u>Council Vice President</u></b>  <b>Lawrence Browne</b>  <b>Dennis Livrone</b>  <b>Robert Kinney</b></p>	<p><b>Jack O'Brien: <u>Council President</u></b>  <b>Elizabeth Wyckoff</b>  <b>Connor O'Hanlon</b>  <b>Ben Bell</b>  <b>Jennifer Jarret</b></p>