

# IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

## Pennsville Township Water Department Had Levels of Perfluorooctanoic Acid (PFOA) Above A Drinking Water Standard

Our water system violated a New Jersey drinking water standard, and as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

You were previously notified of the PFOA maximum contaminant level (MCL) violation in public notice issued on 02/08/2024. Per the federal Safe Drinking Water Act, we will continue to provide you with an updated public notice every 3 months until we complete all approved remedial measures and return to compliance with the MCL. The most recent public notice and update regarding this matter are available at <https://www.pennsville.org/services/water-department/>.

Pennsville Township Water Department routinely monitors for the presence of federal and state regulated drinking water contaminants. New Jersey adopted a standard, or MCL, for PFOA in 2020 and monitoring began in 2021. The MCL for PFOA is 0.014 parts per billion (ppb) and is based on a running annual average (RAA), in which the four most recent quarters of monitoring data are averaged. As we informed you in a public notice on 02/08/2024, sample results from the 1<sup>st</sup> through 4<sup>th</sup> quarter of 2023 showed PFOA levels in the water of  $\leq 0.0214$  ppb, which caused the RAA to exceed the MCL at that time. Our most recent sample taken on 03/13/2024 was below 0.014 ppb at  $< 0.0019$  ppb. The new RAA for PFOA based on samples collected over the last 4 quarters is 0.014 ppb. **Pennsville's RAA for 1<sup>st</sup> quarter 2024 is not exceeding the NJ PFOA MCL.**

### What is PFOA?

Perfluorooctanoic acid (PFOA) is a member of the group of chemicals called per- and polyfluoroalkyl substances (PFAS), used as a processing aid in the manufacture of fluoropolymers used in non-stick cookware and other products, as well as other commercial and industrial uses, based on its resistance to harsh chemicals and high temperatures. PFOA has also been used in aqueous film-forming foams for firefighting and training, and it is found in consumer products such as stain-resistant coatings for upholstery and carpets, water-resistant outdoor clothing, and greaseproof food packaging. Major sources of PFOA in drinking water include discharge from industrial facilities where it was made or used and the release of aqueous film-forming foam. Although the use of PFOA has decreased substantially, contamination is expected to continue indefinitely because it is extremely persistent in the environment and is soluble and mobile in water.

### What does this mean?

*\*People who drink water containing PFOA in excess of the MCL over time could experience problems with their blood serum cholesterol levels, liver, kidney, immune system, or, in males, the reproductive system. Drinking water containing PFOA in excess of the MCL over time may also increase the risk of testicular and kidney cancer. For females, drinking water containing PFOA in excess of the MCL over time may cause developmental delays in a fetus and/or an infant. Some of these developmental effects may persist through childhood.*

*\* For specific health information, see*

[https://www.nj.gov/health/ceohs/documents/pfas\\_drinking%20water.pdf](https://www.nj.gov/health/ceohs/documents/pfas_drinking%20water.pdf).

## What should I do?

- Anyone concerned about their health should consult with their personal healthcare provider.
- The New Jersey Department of Health advises that infant formula and other beverages for infants, such as plain water or juice, should be prepared with bottled water when PFOA is elevated in drinking water.
- Pregnant, nursing, and women considering having children may choose to use bottled water or a home filter designed to remove PFOA for drinking and cooking to reduce exposure to PFOA. **Granulated activated carbon, ion exchange and reverse osmosis are the three EPA approved methods of PFOA removal.**
- Other people may also choose to use bottled water for drinking and cooking to reduce exposure to PFOA or a home water filter that is certified to reduce levels of PFOA.
- Home water treatment devices are available that can reduce levels of PFOA. If a water treatment device is used, it is important to follow the manufacturer's guidelines for maintenance and operation. For more specific information regarding the effectiveness of home water filters for reducing PFOA, visit the National Sanitation Foundation (NSF) International website, <http://www.nsf.org/>. [NSF does not certify reduction of PFOA to the NJ MCL for PFOA.]
- Boiling your water will not remove PFOA.

For more information, see <https://www.nj.gov/dep/watersupply/pfas/>.

## What is being done?

Pennsville Township Water Department's RAA for 1<sup>st</sup> quarter 2024 is not exceeding the NJ PFOA MCL. However, this violation will not be resolved until the completion of all remedial actions set forth, which includes the installation of PFOA treatment. Pennsville is installing PFA treatment at TP003003. This treatment will include two granulated activated carbon treatment vessels. The construction for these treatment vessels have already been approved by the NJDEP and is anticipated to be complete by the summer of 2024. We anticipate resolving the problem within 2024 upon completion of the aforementioned PFA treatment. Any applicable updates will be communicated on the Pennsville Township website listed on the first page.

For more information, please contact Environmental & Technical Services LLC, Licensed Operator, at 609-861-7000 or [dietrichjeanette@etsengineersconsulting.com](mailto:dietrichjeanette@etsengineersconsulting.com).

*\*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 Pennsville Township Water Department.  
State Water System ID#: 1708001.  
Date distributed: 05/08/2024.