

March 30, 2022

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

The Borough of Waldwick Water System Has Levels of Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) Above Drinking Water Standards

The Borough of Waldwick Water System Failed to Take Action to Bring Our Water into Compliance with the Perfluorooctanesulfonic Acid (PFOS) Maximum Contaminant Level (MCL) Within One Year

As reported to you in 2021, our water system violated New Jersey drinking water standards for PFOA and PFOS, 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. We are required to update and repeat this notification every quarter until permanent treatment is operational and the water system returns to compliance.

We routinely monitor for the presence of federal and state regulated drinking water contaminants. New Jersey adopted a standard, or MCL, for PFOA and PFOS in 2020 and monitoring began in 2021.

The MCL for PFOA is 0.014 micrograms per liter ($\mu\text{g/L}$) and is based on a running annual average (RAA), in which the four most recent quarters of monitoring data are averaged. The RAA for PFOA based on samples collected over the last four quarters is 0.0161 $\mu\text{g/L}$ for TP005011 (Well 3), 0.0212 $\mu\text{g/L}$ for TP006013 (Well 4), 0.0189 $\mu\text{g/L}$ for TP007015 (Well 5), and 0.0211 $\mu\text{g/L}$ for TP009019 (Well 7).

The New Jersey standard for PFOS is 0.013 $\mu\text{g/L}$ and is based on a RAA. The RAA for PFOS at TP008017 (Well 6) is 0.0138 $\mu\text{g/L}$ based on samples collected over the last quarters when the well was in operation. Well 6 was returned to service on August 26, 2021 with temporary treatment that has reduced single quarter testing results to below 0.013 $\mu\text{g/L}$.

During January 1, 2021 to March 31, 2021 we initially exceeded the MCL for PFOS at Well 6. Per the New Jersey Safe Drinking Water Act, we must take any corrective action necessary to comply with the MCL within one year from the initial violation. On February 24, 2022, we received notice that we failed to remediate the PFOS MCL violation at Well 6 by the one-year deadline of February 2, 2022 and are required to notify our customers, with repeat quarterly notices until the water system returns to compliance. The Borough was already planning funding a permanent treatment design with an estimated completion target of 2022 (See "What's Being Done?" below).

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 is PFOS?

Perfluorooctanesulfonic acid (PFOS) is a member of the group of chemicals called per- and polyfluoroalkyl substances (PFAS), that are man-made and used in industrial and commercial applications. PFOS is used in metal plating and finishing as well as in various commercial products. PFOS 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 PFOS 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 PFOS 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.*

**People who drink water containing PFOS in excess of the MCL over time could experience problems with their immune system, kidney, liver, or endocrine system. For females, drinking water containing PFOS in excess of the MCL over time may cause developmental effects and problems with the immune system, liver, or endocrine system 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.

What should I do?

- If you have specific health concerns, a severely compromised immune system, have an infant, are pregnant, or are elderly, you may be at higher risk than other individuals and should seek advice from your health care providers about drinking this water.
- The New Jersey Department of Health advises that infant formula and other beverages for infants, such as juice, should be prepared with bottled water when PFOA and/or PFOS is elevated in drinking water.
- Pregnant, nursing, and women considering having children may choose to use bottled water for drinking and cooking to reduce exposure to PFOA and/or PFOS.
- Other people may also choose to use bottled water for drinking and cooking to reduce exposure to PFOA and/or PFOS or a home water filter that is certified to reduce levels of PFOA and/or PFOS. Home water treatment devices are available that can reduce levels of PFOA and/or PFOS. For more specific information regarding the effectiveness of home water filters for reducing PFOA and/or PFOS, visit the National Sanitation Foundation (NSF) International website, <http://www.nsf.org/>.
- Boiling your water will not remove PFOA and/or PFOS.

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

What is being done?

We are in the engineering stages of permanent treatment for our system. Upon final review and approval of the submitted design by the NJDEP we will proceed with construction of the permanent treatment plants. We are working to have water treatment facilities installed at each well facility in 2022, and will keep you updated with each notice.

Additional information regarding PFOA and PFOS is available on the Borough Water Department Webpage: www.waldwicknj.org/waterdepartment. For more information, please contact the Borough of Waldwick Water Department at 201-652-5300 x 240 or 63 Franklin Turnpike, Waldwick, NJ 07463.

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 Borough of Waldwick Water System.