

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Park Ridge Water Department Has Levels of Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) 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 March 18, 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.

We routinely monitor for the presence of federal and state regulated drinking water contaminants. New Jersey adopted a standard, or maximum contaminant level (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. On November 23, 2021, we received notice that the sample(s) collected on November 10, 2021, showed that our system exceeds the PFOA MCL at 3 of our treatment plants. The RAA for PFOA based on samples collected over 2021 was 0.0177 $\mu\text{g/L}$ at TP013030, 0.0145 $\mu\text{g/L}$ at TP015034, and 0.0173 $\mu\text{g/L}$ at TP020044.

We removed one TP (TP013030) from service November 2021, and installed temporary treatment on two TPs (TP015034 and TP020044) in July 2022. The current RAA for PFOA based on samples collected from 2021 through 2023 is 0.00763 $\mu\text{g/L}$ at TP015034 and 0.00935 $\mu\text{g/L}$ at TP020044.

The New Jersey standard for PFOS is 0.013 $\mu\text{g/L}$ and is also based on a RAA. On February 23, 2024 and March 1, 2024, we received notice that the samples collected February 12, 2024 and February 27, 2024 showed that our system exceeds the PFOS MCL. The RAA for PFOS at TP021047 based on the samples collected over the last year is 0.0139 $\mu\text{g/L}$. TP021047 has been removed from service pending further evaluation and planning for treatment.

See "**What is being done?**" on the next page.

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, including about bottled water, see

<https://www.nj.gov/dep/watersupply/pdf/pfoa-pfos-faq.pdf>.

What is being done?

The Borough of Park Ridge has been voluntarily monitoring concentrations of PFOA since 2020, and planning for the necessary treatment when it was determined that concentrations of PFOA were trending to levels that may exceed the then-pending New Jersey MCL. New permanent PFOA treatment design has been completed for three locations (TP013030, TP015034, TP020044) and is pending NJDEP-approval. Installation of permanent treatment at these three treatment plants is currently anticipated to be completed by November 2026 due to time needed to secure funding, NJDEP review, and material availability. Temporary water treatment facilities have been installed at two of the TPs (TP015034 and TP020044) and became operational in late

July 2022, and TP013030 remains offline unless needed to meet emergency water demands. TP021047 has been removed from service pending further evaluation and planning for treatment. You will receive additional PFOA and PFOS notification letters until the permanent water treatment facilities are online and our system's RAAs are in compliance with the PFOA and PFOS MCL.

The results for the New Jersey regulated PFAS compounds have been provided to you in our 2022 Consumer Confidence Reports (containing 2021 data) which can be found on the webpage <https://www.parkridgeboro.com/government/documents/department-documents/public-works/677-2022-water-quality-report-1/file>.

For more information, please contact Park Ridge Water Utility at 201-822-3167 or 53 Park Avenue Park Ridge, NJ 07656.

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 Park Ridge Water Department. State Water System ID#: NJ0247001.

Date distributed: June 18, 2024