



HAMPTON BAYS WATER DISTRICT
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Superintendent

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Dear Hampton Bays Water Customer,

In our 2017 and 2016 annual water quality reports (southamptontownny.gov/townservices/hamptonbayswaterdistrict/waterreports) we present information about the finding of perfluorinated chemicals in one of our well fields. In particular, the water from well field 1 has shown the presence of these compounds. Water from this well field is sent into the distribution system along with water from the other well fields which have not shown any PFCs. The purpose of this letter is to inform you of recent water sampling results and our on-going activities to keep levels below health advisories. In 2016 we took well 1-1 off-line to ensure that levels of perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) stayed below the United States Environmental Protection Agency's (US EPA) lifetime health advisory level of 70 ppt. Additionally, we increased our monitoring of wells 1-2 and well 1-3. Water sampling of Hampton Bays Well 1-2 on June 28, 2017 showed PFOS and PFOA present in the water at 79 parts per trillion (ppt) and 6.8 ppt, respectively. As a precaution, the Water District removed Well 1-2 from service on July 14, 2017 when the results of the June 28th sampling became available and subsequent monitoring has showed levels below the HAL. The well will remain out of service until a treatment system can be installed to remove the contamination.

As presented in our 2016 annual water quality report the US EPA lifetime health advisory for PFOA and PFOS is a water concentration that provides a margin of protection against health effects. It is set at an exposure level well below those associated with health effects for PFOS and PFOA. It is not a bright line between water concentrations that cause health effects and those that do not. Exceedance of the health advisory indicates a need to reduce exposure, and to identify and mitigate the source of the contamination so that long-term exposure can be prevented. While an exceedance reduces the margin of protection provided by the health advisory, the margin of protection against health effects is still large.

PFOS and PFOA are fluorinated organic chemicals that are part of a larger group of chemicals referred to as perfluoroalkyl substances (PFAS). PFOS and PFOA have been the most extensively produced and studied of these chemicals. They have been used to make carpets, clothing, fabric for furniture, paper packaging for food and other materials that are resistant to water, grease or stains such as non-stick cookware. They are also used in firefighting foams and in a number of industrial processes.

The Water District is currently using Hampton Bays Well 1-3 to provide customers with water, and water from this well currently meets the US EPA lifetime health advisory for PFOS and PFOA, as well as all other applicable water quality standards. Hampton Bays Well 1-2 will remain out of service as the Water District works with the Suffolk County Department of Health Services to pursue water treatment options. These options include the installation of a granular activated carbon filtration system on Hampton Bays Wells 1-1, 1-2, and 1-3 to remove PFOS and PFOA from the water. The District will keep you informed of the status of our efforts to address these water quality issues. If you have any questions regarding this notification or any other issue concerning your water supply, please contact the Hampton Bays Water District at (631) 728-0179 or the Suffolk County Department of Health Services, Office of Water Resources at (631) 852-5810.

For more information on PFAS, please visit the following website developed by the Agency for Toxic Substances and Disease Registry, which is part of the United States Center for Disease Control and Prevention: <https://www.atsdr.cdc.gov/pfc/index.html>